

# **EXTRACTION OIL & GAS**

**WELD COUNTY**

**Sec 36-T7N-R67W**

**MAVERICK 2W-20-04**

**OWB**

**PROPOSAL 1**

## **Anticollision Report**

**29 March, 2024**

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	PROPOSAL 1		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	MD Interval 100.00usft	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Unknown AC limit!	<b>Error Surface:</b>	Pedal Curve
<b>Warning Levels Evaluated at:</b>	2.00 Sigma	<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	<b>Date</b>	3/28/2024		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	21,369.95	PROPOSAL 1 (OWB)	MWD OWSG	OWSG MWD - Standard

<b>Summary</b>						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
Sec 12-T6N-R67W						
SIMONSEN 11-421 - Wellbore #1 - Wellbore #1	10,714.00	8,211.97	543.27	428.98	4.753	CC
SIMONSEN 11-421 - Wellbore #1 - Wellbore #1	10,800.00	8,170.00	552.71	426.70	4.386	ES
SIMONSEN 11-421 - Wellbore #1 - Wellbore #1	10,900.00	8,123.43	587.74	449.65	4.256	SF
SIMONSEN 1L-241 - Wellbore #1 - Wellbore #1	10,297.78	8,357.05	917.07	777.51	6.571	CC
SIMONSEN 1L-241 - Wellbore #1 - Wellbore #1	10,400.00	8,270.61	919.05	773.73	6.324	ES
SIMONSEN 1L-241 - Wellbore #1 - Wellbore #1	10,600.00	8,125.76	940.51	786.62	6.112	SF
SIMONSEN 1L-421 - Wellbore #1 - Wellbore #1	9,830.14	8,536.00	1,701.09	1,563.30	12.346	CC
SIMONSEN 1L-421 - Wellbore #1 - Wellbore #1	9,900.00	8,508.23	1,702.03	1,562.60	12.207	ES
SIMONSEN 1L-421 - Wellbore #1 - Wellbore #1	10,600.00	7,823.24	1,761.68	1,603.68	11.150	SF
SIMONSEN 1Q-241 - Wellbore #1 - Wellbore #1	9,115.66	8,906.00	2,202.18	2,066.74	16.260	CC
SIMONSEN 1Q-241 - Wellbore #1 - Wellbore #1	9,200.00	8,837.69	2,203.23	2,065.92	16.046	ES
SIMONSEN 1Q-241 - Wellbore #1 - Wellbore #1	10,300.00	8,053.56	2,357.08	2,201.89	15.189	SF
Sec 36-T7N-R67W						
ABND VERT LIND 36-32 - Wellbore #1 - Design #1	2,806.57	2,433.52	2,049.21	2,017.66	64.956	CC
ABND VERT LIND 36-32 - Wellbore #1 - Design #1	2,900.00	2,487.05	2,050.64	2,017.54	61.958	ES
ABND VERT LIND 36-32 - Wellbore #1 - Design #1	4,300.00	3,275.99	2,391.61	2,340.22	46.543	SF
ABND VERT LIND 36-33 - Wellbore #1 - Design #1	4,649.27	3,446.81	1,364.44	1,301.46	21.664	CC
ABND VERT LIND 36-33 - Wellbore #1 - Design #1	4,700.00	3,475.40	1,365.09	1,301.26	21.386	ES
ABND VERT LIND 36-33 - Wellbore #1 - Design #1	5,100.00	3,700.81	1,414.34	1,345.41	20.519	SF
EXIST HZ BALDRIDGE 1-1 - Wellbore #1 - Wellbore #1	3,453.18	2,342.19	1,476.92	1,437.66	37.625	CC
EXIST HZ BALDRIDGE 1-1 - Wellbore #1 - Wellbore #1	3,500.00	2,365.07	1,477.46	1,437.37	36.851	ES
EXIST HZ BALDRIDGE 1-1 - Wellbore #1 - Wellbore #1	4,600.00	2,972.90	1,765.26	1,707.55	30.589	SF
EXIST HZ BALDRIDGE 17-1 - Wellbore #1 - Wellbore #1	3,846.40	2,622.04	1,375.10	1,328.57	29.552	CC
EXIST HZ BALDRIDGE 17-1 - Wellbore #1 - Wellbore #1	3,900.00	2,658.55	1,375.65	1,327.88	28.800	ES
EXIST HZ BALDRIDGE 17-1 - Wellbore #1 - Wellbore #1	5,100.00	3,499.36	1,641.64	1,569.68	22.812	SF
EXIST HZ BALDRIDGE 2-1 - Wellbore #1 - Wellbore #1	4,030.08	2,965.56	1,019.69	967.39	19.495	CC
EXIST HZ BALDRIDGE 2-1 - Wellbore #1 - Wellbore #1	4,100.00	3,014.02	1,020.93	967.11	18.969	ES
EXIST HZ BALDRIDGE 2-1 - Wellbore #1 - Wellbore #1	4,500.00	3,301.71	1,071.66	1,010.61	17.554	SF
EXIST HZ BALDRIDGE 7-1 - Wellbore #1 - Wellbore #1	4,470.68	3,087.74	1,353.64	1,292.14	22.009	CC
EXIST HZ BALDRIDGE 7-1 - Wellbore #1 - Wellbore #1	4,600.00	3,199.96	1,355.42	1,290.23	20.791	ES
EXIST HZ BALDRIDGE 7-1 - Wellbore #1 - Wellbore #1	5,900.00	4,277.08	1,570.75	1,474.29	16.283	SF
EXIST HZ BALDRIDGE 8-1 - Wellbore #1 - Wellbore #1	3,619.84	2,286.20	1,571.31	1,531.13	39.102	CC
EXIST HZ BALDRIDGE 8-1 - Wellbore #1 - Wellbore #1	3,700.00	2,344.16	1,572.35	1,530.37	37.457	ES
EXIST HZ BALDRIDGE 8-1 - Wellbore #1 - Wellbore #1	5,300.00	3,497.64	1,970.46	1,894.29	25.868	SF
EXIST HZ SCHNEIDER 16-36 - Wellbore #1 - Wellbore #	3,266.42	2,431.43	1,119.31	1,081.03	29.235	CC
EXIST HZ SCHNEIDER 16-36 - Wellbore #1 - Wellbore #	3,300.00	2,443.35	1,119.76	1,080.93	28.837	ES

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

### Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
Sec 36-T7N-R67W						
EXIST HZ SCHNEIDER 16-36 - Wellbore #1 - Wellbore #	3,600.00	2,543.37	1,162.60	1,119.97	27.272	SF
EXIST HZ SCHNEIDER 20-36 - Wellbore #1 - Wellbore #	3,077.52	2,569.42	900.48	860.83	22.714	CC
EXIST HZ SCHNEIDER 20-36 - Wellbore #1 - Wellbore #	3,100.00	2,576.56	900.73	860.73	22.519	ES
EXIST HZ SCHNEIDER 20-36 - Wellbore #1 - Wellbore #	3,300.00	2,637.23	924.89	882.51	21.823	SF
EXIST HZ SCHNEIDER 33-36 - Wellbore #1 - Wellbore #	2,719.08	2,516.34	585.17	551.18	17.216	CC, ES
EXIST HZ SCHNEIDER 33-36 - Wellbore #1 - Wellbore #	2,800.00	2,547.92	590.06	555.04	16.850	SF
EXIST HZ SCHNEIDER 34-36 - Wellbore #1 - Wellbore #	2,833.95	2,366.45	792.14	759.18	24.033	CC, ES
EXIST HZ SCHNEIDER 34-36 - Wellbore #1 - Wellbore #	3,000.00	2,400.11	808.24	773.35	23.165	SF
EXIST HZ SCHNEIDER 37-36 - Wellbore #1 - Wellbore #	3,490.95	2,609.00	1,150.82	1,108.72	27.338	CC
EXIST HZ SCHNEIDER 37-36 - Wellbore #1 - Wellbore #	3,500.00	2,612.89	1,150.85	1,108.60	27.238	ES
EXIST HZ SCHNEIDER 37-36 - Wellbore #1 - Wellbore #	4,000.00	2,872.90	1,231.17	1,181.75	24.912	SF
ICE MAN 2W-15-1C - ORIGINAL WELLBORE - WB #1 -	3,392.51	2,769.00	169.80	132.37	4.537	CC
ICE MAN 2W-15-1C - ORIGINAL WELLBORE - WB #1 -	3,400.00	2,774.81	169.86	131.95	4.481	ES
ICE MAN 2W-15-1C - ORIGINAL WELLBORE - WB #1 -	3,500.00	2,852.98	182.82	139.50	4.220	SF
ICE MAN 2W-15-2N - ORIGINAL WELLBORE - WB #1 -	3,505.40	2,850.68	181.09	142.12	4.646	CC, ES
ICE MAN 2W-15-2N - ORIGINAL WELLBORE - WB #1 -	3,700.00	3,024.65	205.78	155.76	4.114	SF
ICE MAN 2W-15-3N - ORIGINAL WELLBORE - WB #1 -	3,658.80	2,961.67	207.71	165.24	4.890	CC
ICE MAN 2W-15-3N - ORIGINAL WELLBORE - WB #1 -	3,700.00	2,997.39	208.86	163.56	4.611	ES
ICE MAN 2W-15-3N - ORIGINAL WELLBORE - WB #1 -	3,800.00	3,084.05	220.84	169.58	4.309	SF
ICE MAN 2W-15-4N - ORIGINAL WELLBORE - WB #1 -	3,875.31	3,133.64	192.94	145.47	4.064	CC
ICE MAN 2W-15-4N - ORIGINAL WELLBORE - WB #1 -	3,900.00	3,156.69	193.25	143.79	3.907	ES
ICE MAN 2W-15-4N - ORIGINAL WELLBORE - WB #1 -	4,000.00	3,241.60	201.80	145.72	3.599	SF
ICE MAN 2W-15-5C - ORIGINAL WELLBORE - WB #1 -	4,146.69	3,363.87	182.81	126.45	3.243	CC
ICE MAN 2W-15-5C - ORIGINAL WELLBORE - WB #1 -	4,200.00	3,409.45	184.66	124.11	3.050	ES
ICE MAN 2W-15-5C - ORIGINAL WELLBORE - WB #1 -	4,300.00	3,493.07	199.13	132.88	3.006	SF
ICE MAN 2W-15-6N - ORIGINAL WELLBORE - WB #1 -	4,450.52	3,613.73	209.69	145.81	3.282	CC
ICE MAN 2W-15-6N - ORIGINAL WELLBORE - WB #1 -	4,500.00	3,662.40	210.44	142.25	3.086	ES
ICE MAN 2W-15-6N - ORIGINAL WELLBORE - WB #1 -	4,600.00	3,752.13	218.28	143.39	2.915	SF
ICE MAN 2W-15-7N - ORIGINAL WELLBORE - WB #1 -	4,696.01	3,820.83	180.97	111.06	2.589	CC
ICE MAN 2W-15-7N - ORIGINAL WELLBORE - WB #1 -	4,800.00	3,914.31	187.37	108.57	2.378	ES, SF
MAVERICK 2W-20-01 - OWB - PROPOSAL 1	637.84	635.20	51.82	47.33	11.546	CC
MAVERICK 2W-20-01 - OWB - PROPOSAL 1	700.00	696.88	52.31	47.31	10.479	ES
MAVERICK 2W-20-01 - OWB - PROPOSAL 1	21,369.95	20,512.04	1,362.29	700.99	2.060	SF
MAVERICK 2W-20-02 - OWB - PROPOSAL 1	587.02	585.66	34.59	30.50	8.462	CC
MAVERICK 2W-20-02 - OWB - PROPOSAL 1	600.00	598.58	34.60	30.41	8.259	ES
MAVERICK 2W-20-02 - OWB - PROPOSAL 1	21,369.95	20,669.17	902.71	229.79	1.341	Level 3, SF
MAVERICK 2W-20-03 - OWB - PROPOSAL 1	547.64	547.48	17.39	13.59	4.566	CC
MAVERICK 2W-20-03 - OWB - PROPOSAL 1	21,369.95	21,292.53	511.34	-54.34	0.904	Level 1, ES, SF
Sec 3-T6N-R67W						
ABND VERT BOWER 1-3 - Wellbore #1 - Design #1	16,700.00	7,033.00	1,516.94	1,149.83	4.132	SF
ABND VERT BOWER 1-3 - Wellbore #1 - Design #1	16,900.00	7,033.00	1,501.53	1,141.74	4.173	ES
ABND VERT BOWER 1-3 - Wellbore #1 - Design #1	16,916.27	7,033.00	1,501.45	1,142.39	4.182	CC
ABND VERT MOSIER 1-2 - Wellbore #1 - Design #1	15,300.00	6,974.00	196.69	-35.59	0.847	Level 1, ES, SF
ABND VERT MOSIER 1-2 - Wellbore #1 - Design #1	15,376.94	6,974.00	181.01	-21.60	0.893	Level 1, CC
ABND VERT OCHSNER 1-3 - Wellbore #1 - Design #1	19,100.00	7,011.00	1,513.79	1,203.27	4.875	SF
ABND VERT OCHSNER 1-3 - Wellbore #1 - Design #1	19,200.00	7,011.00	1,506.87	1,199.62	4.904	ES
ABND VERT OCHSNER 1-3 - Wellbore #1 - Design #1	19,254.59	7,011.00	1,505.88	1,200.91	4.938	CC
EXIST HZ BOWER 10-3 - Wellbore #1 - Wellbore #1	17,800.00	7,225.00	1,489.49	1,202.11	5.183	SF
EXIST HZ BOWER 10-3 - Wellbore #1 - Wellbore #1	17,900.00	7,225.29	1,482.00	1,198.12	5.221	ES
EXIST HZ BOWER 10-3 - Wellbore #1 - Wellbore #1	17,961.37	7,225.47	1,480.73	1,199.54	5.266	CC
EXIST HZ BOWER 15-3 - Wellbore #1 - Wellbore #1	18,000.00	7,402.65	222.84	-69.19	0.763	Level 1, ES, SF
EXIST HZ BOWER 15-3 - Wellbore #1 - Wellbore #1	18,015.75	7,402.95	222.28	-62.06	0.782	Level 1, CC

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Sec 5-T6N-R67W						
MICKEY 10 - ORIGINAL WELLBORE - WB # 1 - Patters	20,600.00	15,517.45	2,766.05	2,220.12	5.067	SF
MICKEY 10 - ORIGINAL WELLBORE - WB # 1 - Patters	20,692.85	15,476.00	2,765.08	2,219.71	5.070	CC, ES
MICKEY 11 - ORIGINAL WELLBORE - WB # 1 - Patters	19,400.00	16,514.00	2,599.69	2,052.04	4.747	SF
MICKEY 11 - ORIGINAL WELLBORE - WB # 1 - Patters	19,500.00	16,471.65	2,597.65	2,050.67	4.749	ES
MICKEY 11 - ORIGINAL WELLBORE - WB # 1 - Patters	19,543.50	16,452.74	2,597.45	2,050.82	4.752	CC
MICKEY 12 - ORIGINAL WELLBORE - WB #1 - Patterso	20,700.00	15,323.11	2,260.93	1,714.15	4.135	SF
MICKEY 12 - ORIGINAL WELLBORE - WB #1 - Patterso	20,796.12	15,253.67	2,260.41	1,714.15	4.138	CC, ES
MICKEY 13 - ORIGINAL WELLBORE - WB #1 - Patterso	19,700.00	16,425.00	2,106.67	1,562.10	3.869	SF
MICKEY 13 - ORIGINAL WELLBORE - WB #1 - Patterso	19,761.84	16,376.86	2,106.39	1,562.05	3.870	CC, ES
VARRA 10 - Wellbore #1 - Wellbore #1	21,369.95	17,140.00	600.07	277.43	1.860	CC, ES, SF
VARRA 11 - Wellbore #1 - Wellbore #1	21,369.95	16,920.00	446.82	242.51	2.187	CC, ES, SF
VARRA 12 - Wellbore #1 - Wellbore #1	21,369.95	17,070.00	501.40	166.11	1.495	Level 3, CC, ES, SF
VARRA 2 - Wellbore #1 - Wellbore #1	21,369.95	16,991.00	1,981.69	1,363.94	3.208	CC, ES, SF
VARRA 3 - STK1 - STK1	21,369.95	16,815.00	1,658.72	1,094.35	2.939	CC, ES, SF
VARRA 3 - Wellbore #1 - Wellbore #1	21,369.95	15,135.00	2,634.35	2,192.70	5.965	CC, ES, SF
VARRA 4 - Wellbore #1 - Wellbore #1	21,369.95	17,130.00	1,549.91	937.67	2.532	CC, ES, SF
VARRA 5 - Wellbore #1 - Wellbore #1	21,369.95	16,905.00	1,351.30	736.28	2.197	CC, ES, SF
VARRA 6 - Wellbore #1 - Wellbore #1	21,369.95	17,004.00	1,045.23	449.02	1.753	CC, ES, SF
VARRA 7 - Wellbore #1 - Wellbore #1	21,369.95	17,100.00	970.23	387.72	1.666	CC, ES, SF
VARRA 8 - Wellbore #1 - Wellbore #1	21,369.95	16,848.00	757.17	176.77	1.305	Level 3, CC, ES, SF
VARRA 9 - STK1 - STK1	21,369.95	16,811.00	497.47	39.14	1.085	Level 2, CC, ES, SF
VARRA 9 - Wellbore #1 - Wellbore #1	21,369.95	15,770.00	1,411.41	1,150.91	5.418	CC, ES, SF

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 144-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	41.30	41.30	0.27	0.07	-159.96	-7,852.86	-2,864.56	8,359.02	8,358.68	0.34	N/A		
200.00	199.98	12,310.00	7,272.34	0.62	95.75	23.26	-2,894.74	-3,072.48	8,285.41	8,231.42	53.99	153.464		
300.00	299.84	12,310.00	7,272.34	0.97	95.75	24.78	-2,894.74	-3,072.48	8,197.13	8,142.89	54.24	151.121		
400.00	399.45	12,310.00	7,272.34	1.34	95.75	26.52	-2,894.74	-3,072.48	8,107.66	8,053.15	54.51	148.739		
500.00	498.70	12,310.00	7,272.34	1.74	95.75	28.50	-2,894.74	-3,072.48	8,017.06	7,962.27	54.79	146.329		
600.00	597.47	12,310.00	7,272.34	2.17	95.75	30.76	-2,894.74	-3,072.48	7,925.41	7,870.33	55.08	143.898		
700.00	695.62	12,310.00	7,272.34	2.62	95.75	33.37	-2,894.74	-3,072.48	7,832.79	7,777.41	55.37	141.454		
800.00	793.06	12,310.00	7,272.34	3.12	95.75	36.39	-2,894.74	-3,072.48	7,739.27	7,683.59	55.68	139.003		
900.00	889.64	12,310.00	7,272.34	3.65	95.75	39.90	-2,894.74	-3,072.48	7,644.94	7,588.96	55.99	136.550		
1,000.00	985.27	12,310.00	7,272.34	4.23	95.75	43.99	-2,894.74	-3,072.48	7,549.89	7,493.59	56.30	134.099		
1,100.00	1,079.82	12,310.00	7,272.34	4.85	95.75	48.76	-2,894.74	-3,072.48	7,454.20	7,397.58	56.62	131.652		
1,200.00	1,173.17	12,310.00	7,272.34	5.52	95.75	54.29	-2,894.74	-3,072.48	7,357.97	7,301.03	56.94	129.213		
1,300.00	1,265.21	12,310.00	7,272.34	6.24	95.75	60.66	-2,894.74	-3,072.48	7,261.30	7,204.03	57.27	126.783		
1,400.00	1,355.84	12,310.00	7,272.34	7.01	95.75	67.86	-2,894.74	-3,072.48	7,164.29	7,106.69	57.61	124.365		
1,500.00	1,444.94	12,310.00	7,272.34	7.83	95.75	75.77	-2,894.74	-3,072.48	7,067.05	7,009.10	57.95	121.959		
1,600.00	1,532.39	12,310.00	7,272.34	8.70	95.75	84.18	-2,894.74	-3,072.48	6,969.69	6,911.39	58.29	119.566		
1,700.00	1,618.11	12,310.00	7,272.34	9.62	95.75	92.71	-2,894.74	-3,072.48	6,872.31	6,813.67	58.64	117.187		
1,800.00	1,701.97	12,310.00	7,272.34	10.59	95.75	101.01	-2,894.74	-3,072.48	6,775.06	6,716.05	59.01	114.822		
1,900.00	1,783.88	12,310.00	7,272.34	11.62	95.75	108.74	-2,894.74	-3,072.48	6,678.04	6,618.67	59.38	112.471		
2,000.00	1,863.74	12,310.00	7,272.34	12.69	95.75	115.70	-2,894.74	-3,072.48	6,581.40	6,521.64	59.76	110.134		
2,100.00	1,941.45	12,310.00	7,272.34	13.81	95.75	121.82	-2,894.74	-3,072.48	6,485.27	6,425.11	60.15	107.812		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design      Sec 12-T6N-R67W - SIMONSEN 11-421 - Wellbore #1 - Wellbore #1													Offset Site Error:	0.00 usft
Survey Program: 144-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,200.00	2,016.92	12,310.00	7,272.34	14.98	95.75	127.12	-2,894.74	-3,072.48	6,389.79	6,329.22	60.56	105.504		
2,300.00	2,090.05	12,310.00	7,272.34	16.19	95.75	131.67	-2,894.74	-3,072.48	6,295.11	6,234.11	60.99	103.211		
2,400.00	2,160.76	12,310.00	7,272.34	17.45	95.75	135.56	-2,894.74	-3,072.48	6,201.38	6,139.94	61.44	100.933		
2,500.00	2,228.95	12,310.00	7,272.34	18.76	95.75	138.90	-2,894.74	-3,072.48	6,108.77	6,046.86	61.91	98.671		
2,600.00	2,294.55	12,310.00	7,272.34	20.11	95.75	141.76	-2,894.74	-3,072.48	6,017.45	5,955.04	62.40	96.428		
2,700.00	2,357.48	12,310.00	7,272.34	21.50	95.75	144.23	-2,894.74	-3,072.48	5,927.58	5,864.66	62.92	94.204		
2,800.00	2,417.66	12,310.00	7,272.34	22.94	95.75	146.36	-2,894.74	-3,072.48	5,839.35	5,775.88	63.47	92.003		
2,900.00	2,475.05	12,310.00	7,272.34	24.41	95.75	147.96	-2,894.74	-3,072.48	5,752.92	5,688.88	64.04	89.833		
3,000.00	2,531.40	12,310.00	7,272.34	25.89	95.75	147.96	-2,894.74	-3,072.48	5,667.48	5,602.83	64.65	87.658		
3,100.00	2,587.75	12,310.00	7,272.34	27.39	95.75	147.96	-2,894.74	-3,072.48	5,582.53	5,517.23	65.30	85.492		
3,200.00	2,644.11	12,310.00	7,272.34	28.89	95.75	147.96	-2,894.74	-3,072.48	5,498.09	5,432.11	65.97	83.339		
3,300.00	2,700.46	12,310.00	7,272.34	30.39	95.75	147.96	-2,894.74	-3,072.48	5,414.17	5,347.50	66.67	81.203		
3,400.00	2,756.81	12,310.00	7,272.34	31.89	95.75	147.96	-2,894.74	-3,072.48	5,330.81	5,263.41	67.40	79.088		
3,500.00	2,813.17	12,310.00	7,272.34	33.40	95.75	147.96	-2,894.74	-3,072.48	5,248.03	5,179.87	68.16	76.997		
3,600.00	2,869.52	12,310.00	7,272.34	34.91	95.75	147.96	-2,894.74	-3,072.48	5,165.86	5,096.92	68.94	74.932		
3,700.00	2,925.87	12,310.00	7,272.34	36.42	95.75	147.96	-2,894.74	-3,072.48	5,084.33	5,014.59	69.75	72.896		
3,800.00	2,982.22	12,310.00	7,272.34	37.93	95.75	147.96	-2,894.74	-3,072.48	5,003.48	4,932.90	70.58	70.892		
3,900.00	3,038.58	12,310.00	7,272.34	39.45	95.75	147.96	-2,894.74	-3,072.48	4,923.32	4,851.88	71.44	68.920		
4,000.00	3,094.93	12,310.00	7,272.34	40.96	95.75	147.96	-2,894.74	-3,072.48	4,843.90	4,771.58	72.32	66.982		
4,100.00	3,151.28	12,310.00	7,272.34	42.48	95.75	147.96	-2,894.74	-3,072.48	4,765.26	4,692.04	73.22	65.080		
4,200.00	3,207.63	12,310.00	7,272.34	44.00	95.75	147.96	-2,894.74	-3,072.48	4,687.43	4,613.28	74.15	63.215		
4,300.00	3,263.99	12,310.00	7,272.34	45.52	95.75	147.96	-2,894.74	-3,072.48	4,610.45	4,535.35	75.10	61.388		
4,400.00	3,320.34	12,310.00	7,272.34	47.04	95.75	147.96	-2,894.74	-3,072.48	4,534.38	4,458.30	76.08	59.601		
4,500.00	3,376.69	12,310.00	7,272.34	48.56	95.75	147.96	-2,894.74	-3,072.48	4,459.25	4,382.17	77.08	57.854		
4,600.00	3,433.05	12,310.00	7,272.34	50.08	95.75	147.96	-2,894.74	-3,072.48	4,385.11	4,307.01	78.10	56.148		
4,700.00	3,489.40	12,310.00	7,272.34	51.61	95.75	147.96	-2,894.74	-3,072.48	4,312.02	4,232.88	79.14	54.485		
4,800.00	3,545.75	12,310.00	7,272.34	53.13	95.75	147.96	-2,894.74	-3,072.48	4,240.02	4,159.82	80.20	52.865		
4,900.00	3,602.10	12,310.00	7,272.34	54.65	95.75	147.96	-2,894.74	-3,072.48	4,169.18	4,087.89	81.29	51.289		
5,000.00	3,658.46	12,310.00	7,272.34	56.18	95.75	147.96	-2,894.74	-3,072.48	4,099.56	4,017.17	82.39	49.757		
5,100.00	3,714.81	12,310.00	7,272.34	57.70	95.75	147.96	-2,894.74	-3,072.48	4,031.22	3,947.70	83.51	48.271		
5,200.00	3,771.16	12,310.00	7,272.34	59.23	95.75	147.96	-2,894.74	-3,072.48	3,964.22	3,879.57	84.65	46.831		
5,300.00	3,827.51	12,310.00	7,272.34	60.75	95.75	147.96	-2,894.74	-3,072.48	3,898.63	3,812.83	85.80	45.438		
5,400.00	3,883.87	12,310.00	7,272.34	62.28	95.75	147.96	-2,894.74	-3,072.48	3,834.53	3,747.56	86.97	44.092		
5,500.00	3,940.22	12,227.07	7,273.71	63.80	94.35	148.04	-2,977.58	-3,076.01	3,771.25	3,684.48	86.77	43.463		
5,600.00	3,996.57	12,152.10	7,274.85	65.33	93.08	148.12	-3,052.47	-3,079.33	3,707.94	3,621.23	86.71	42.763		
5,700.00	4,052.93	12,095.62	7,276.17	66.86	92.13	148.19	-3,108.90	-3,081.34	3,644.87	3,557.92	86.95	41.920		
5,800.00	4,109.28	12,032.06	7,277.66	68.39	91.06	148.28	-3,172.38	-3,083.85	3,582.00	3,494.92	87.07	41.137		
5,900.00	4,165.63	11,968.88	7,279.71	69.91	89.99	148.37	-3,235.50	-3,085.82	3,519.47	3,432.28	87.19	40.363		
6,000.00	4,221.98	11,914.00	7,282.06	71.44	89.06	148.47	-3,290.31	-3,087.21	3,457.47	3,370.01	87.46	39.533		
6,100.00	4,278.34	11,435.54	7,281.33	72.97	80.97	149.50	-3,768.03	-3,086.84	3,393.44	3,314.19	79.25	42.821		
6,200.00	4,334.69	11,391.47	7,279.72	74.50	80.21	149.66	-3,811.95	-3,083.61	3,323.08	3,243.50	79.58	41.760		
6,300.00	4,391.04	11,374.00	7,279.36	76.03	79.91	149.73	-3,829.36	-3,082.21	3,253.67	3,173.15	80.52	40.408		
6,400.00	4,447.40	11,342.00	7,279.36	77.55	79.37	149.87	-3,861.26	-3,079.67	3,185.44	3,104.30	81.14	39.257		
6,500.00	4,503.75	11,272.33	7,279.85	79.08	78.18	150.17	-3,930.75	-3,074.78	3,118.03	3,037.14	80.89	38.548		
6,600.00	4,560.10	11,184.00	7,279.22	80.61	76.68	150.52	-4,018.95	-3,069.89	3,050.20	2,969.99	80.21	38.029		
6,700.00	4,616.45	11,121.00	7,278.42	82.14	75.61	150.77	-4,081.88	-3,067.01	2,982.34	2,902.19	80.14	37.212		
6,800.00	4,672.81	11,065.62	7,277.87	83.67	74.68	150.98	-4,137.21	-3,064.80	2,914.86	2,834.59	80.27	36.312		
6,900.00	4,729.16	11,025.00	7,277.86	85.20	74.00	151.15	-4,177.79	-3,063.16	2,848.06	2,767.29	80.77	35.261		
7,000.00	4,785.51	10,962.00	7,278.36	86.73	72.94	151.43	-4,240.74	-3,060.70	2,781.89	2,701.18	80.71	34.467		
7,100.00	4,841.86	10,928.92	7,278.68	88.26	72.39	151.57	-4,273.81	-3,059.91	2,716.41	2,634.97	81.44	33.355		
7,200.00	4,898.22	10,793.09	7,278.99	89.79	70.14	152.10	-4,409.63	-3,058.45	2,650.87	2,571.29	79.58	33.311		
7,300.00	4,954.57	10,709.00	7,277.77	91.32	68.74	152.47	-4,493.69	-3,056.56	2,583.77	2,504.79	78.98	32.715		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 144-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,400.00	5,010.92	10,663.68	7,277.39	92.85	68.00	152.67	-4,539.00	-3,055.97	2,517.45	2,438.03	79.42	31.697		
7,500.00	5,067.28	10,603.51	7,277.27	94.38	67.01	152.93	-4,599.18	-3,055.73	2,451.86	2,372.37	79.48	30.847		
7,600.00	5,123.63	10,532.90	7,276.96	95.91	65.86	153.22	-4,669.78	-3,056.48	2,386.58	2,307.29	79.29	30.098		
7,700.00	5,179.98	10,392.00	7,275.01	97.44	63.56	153.95	-4,810.60	-3,053.92	2,319.50	2,242.53	76.97	30.136		
7,800.00	5,236.33	10,346.09	7,274.72	98.97	62.81	154.24	-4,856.47	-3,051.91	2,252.71	2,175.36	77.35	29.123		
7,900.00	5,292.69	10,297.00	7,274.84	100.50	62.01	154.56	-4,905.53	-3,050.40	2,186.92	2,109.26	77.67	28.158		
8,000.00	5,349.04	9,981.14	7,257.88	102.03	56.93	156.62	-5,220.52	-3,042.20	2,117.91	2,048.57	69.34	30.544		
8,100.00	5,405.39	9,929.03	7,252.31	103.56	56.10	157.03	-5,272.26	-3,039.38	2,044.57	1,975.17	69.40	29.461		
8,200.00	5,461.74	9,916.00	7,251.09	105.09	55.89	157.14	-5,285.21	-3,038.65	1,972.61	1,901.75	70.86	27.837		
8,300.00	5,518.10	9,885.00	7,249.15	106.62	55.40	157.43	-5,316.09	-3,036.82	1,902.35	1,830.62	71.73	26.522		
8,400.00	5,574.45	9,864.15	7,248.59	108.15	55.06	157.64	-5,336.90	-3,035.54	1,834.12	1,761.11	73.01	25.121		
8,500.00	5,630.80	9,836.36	7,248.39	109.68	54.62	157.93	-5,364.64	-3,034.11	1,767.85	1,693.76	74.09	23.860		
8,600.00	5,687.16	9,758.00	7,247.60	111.21	53.40	158.67	-5,442.98	-3,032.47	1,702.24	1,628.95	73.29	23.225		
8,700.00	5,743.51	9,626.03	7,246.58	112.75	51.33	160.46	-5,574.26	-3,020.45	1,635.20	1,565.30	69.90	23.392		
8,800.00	5,799.86	9,551.16	7,245.71	114.28	50.15	161.78	-5,648.30	-3,009.41	1,567.34	1,498.61	68.73	22.805		
8,900.00	5,856.21	9,473.00	7,245.01	115.81	48.94	163.22	-5,725.77	-2,999.18	1,500.52	1,433.12	67.40	22.262		
9,000.00	5,912.57	9,424.16	7,244.58	117.34	48.19	164.18	-5,774.21	-2,992.92	1,434.13	1,366.65	67.48	21.253		
9,100.00	5,968.92	9,378.00	7,243.98	118.87	47.49	165.07	-5,820.13	-2,988.36	1,368.77	1,300.99	67.78	20.194		
9,200.00	6,025.27	9,315.00	7,243.90	120.40	46.55	166.18	-5,883.07	-2,985.72	1,305.41	1,237.98	67.43	19.360		
9,300.00	6,081.63	9,260.95	7,244.02	121.93	45.75	167.14	-5,937.11	-2,984.81	1,243.18	1,175.59	67.59	18.392		
9,400.00	6,137.98	9,187.58	7,244.56	123.46	44.69	168.41	-6,010.47	-2,985.70	1,182.19	1,115.24	66.95	17.658		
9,500.00	6,194.33	9,083.96	7,244.53	125.00	43.21	170.58	-6,114.05	-2,984.38	1,120.86	1,056.08	64.79	17.301		
9,600.00	6,250.68	9,006.04	7,243.51	126.53	42.10	172.62	-6,191.83	-2,979.86	1,058.79	994.88	63.91	16.567		
9,700.00	6,307.04	8,934.00	7,242.49	128.06	41.09	174.67	-6,263.78	-2,976.38	997.66	934.10	63.56	15.697		
9,800.00	6,363.39	8,861.84	7,241.56	129.59	40.10	176.92	-6,335.86	-2,973.16	937.73	874.21	63.52	14.763		
9,900.00	6,419.74	8,783.40	7,241.48	131.12	39.04	179.56	-6,414.26	-2,970.81	880.07	816.41	63.66	13.824		
10,000.00	6,476.09	8,712.00	7,239.66	132.65	38.10	-177.72	-6,485.58	-2,968.03	822.02	757.24	64.79	12.688		
10,100.00	6,532.45	8,681.00	7,240.18	134.18	37.70	-176.47	-6,516.56	-2,967.11	768.48	700.35	68.13	11.279		
10,200.00	6,588.80	8,610.33	7,243.02	135.72	36.79	-173.37	-6,587.12	-2,964.27	719.39	648.47	70.91	10.145		
10,300.00	6,645.15	8,537.38	7,246.07	137.25	35.87	-169.82	-6,659.92	-2,960.78	673.31	598.34	74.97	8.981		
10,400.00	6,701.51	8,459.10	7,249.28	138.78	34.92	-165.58	-6,738.00	-2,956.40	630.80	550.14	80.66	7.821		
10,500.00	6,757.86	8,371.45	7,251.77	140.31	33.89	-160.35	-6,825.50	-2,951.73	591.64	503.23	88.42	6.692		
10,600.00	6,813.28	8,288.07	7,252.07	141.87	32.96	-157.24	-6,908.78	-2,947.85	558.29	459.47	98.82	5.649		
10,700.00	6,864.12	8,221.12	7,251.82	143.49	32.24	-156.31	-6,975.65	-2,944.55	543.52	431.27	112.26	4.842		
10,714.00	6,870.77	8,211.97	7,251.78	143.72	32.14	-156.21	-6,984.79	-2,944.18	543.27	428.98	114.29	4.753 CC		
10,800.00	6,908.67	8,170.00	7,251.79	145.14	31.71	-156.93	-7,026.73	-2,942.62	552.71	426.70	126.01	4.386 ES		
10,900.00	6,945.58	8,123.43	7,252.62	146.73	31.25	-158.27	-7,073.27	-2,941.08	587.74	449.65	138.09	4.256 SF		
11,000.00	6,973.71	8,083.30	7,253.45	148.22	30.86	-160.76	-7,113.38	-2,940.06	645.20	497.96	147.25	4.382		
11,100.00	6,992.22	8,055.41	7,253.97	149.55	30.60	-165.97	-7,141.25	-2,939.52	720.06	566.77	153.29	4.697		
11,200.00	7,000.54	8,043.00	7,254.17	150.69	30.48	-177.31	-7,153.66	-2,939.35	806.83	650.00	156.84	5.144		
11,300.00	7,001.00	8,043.95	7,254.16	151.65	30.49	176.92	-7,152.71	-2,939.36	899.72	740.95	158.77	5.667		
11,400.00	7,001.00	8,045.93	7,254.13	152.64	30.51	176.56	-7,150.74	-2,939.39	994.13	834.03	160.11	6.209		
11,500.00	7,001.00	8,048.06	7,254.09	153.65	30.53	176.16	-7,148.60	-2,939.42	1,089.54	928.46	161.08	6.764		
11,600.00	7,001.00	8,050.37	7,254.05	154.69	30.55	175.74	-7,146.29	-2,939.45	1,185.70	1,023.90	161.80	7.328		
11,700.00	7,001.00	8,052.89	7,254.01	155.76	30.57	175.28	-7,143.78	-2,939.48	1,282.45	1,120.11	162.34	7.900		
11,800.00	7,001.00	8,055.63	7,253.97	156.85	30.60	174.78	-7,141.03	-2,939.52	1,379.66	1,216.92	162.74	8.478		
11,900.00	7,001.00	8,058.63	7,253.91	157.98	30.63	174.23	-7,138.03	-2,939.57	1,477.23	1,314.19	163.04	9.060		
12,000.00	7,001.00	8,061.94	7,253.86	159.14	30.66	173.63	-7,134.73	-2,939.63	1,575.11	1,411.85	163.26	9.648		
12,100.00	7,001.00	8,065.59	7,253.79	160.32	30.69	172.96	-7,131.08	-2,939.69	1,673.23	1,509.81	163.42	10.239		
12,200.00	7,001.00	8,069.65	7,253.72	161.54	30.73	172.22	-7,127.02	-2,939.77	1,771.56	1,608.03	163.53	10.833		
12,300.00	7,001.00	8,074.18	7,253.63	162.78	30.77	171.40	-7,122.49	-2,939.86	1,870.07	1,706.47	163.59	11.431		
12,400.00	7,001.00	8,079.29	7,253.53	164.06	30.82	170.48	-7,117.39	-2,939.97	1,968.71	1,805.10	163.62	12.033		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 144-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,500.00	7,001.00	8,069.66	7,253.71	165.36	30.73	172.22	-7,127.01	-2,939.79	2,067.49	1,903.38	164.11	12.598		
12,600.00	7,001.00	8,085.06	7,253.42	166.69	30.87	169.44	-7,111.61	-2,940.09	2,166.37	2,002.61	163.76	13.229		
12,700.00	7,001.00	8,088.98	7,253.34	168.05	30.91	168.74	-7,107.70	-2,940.18	2,265.35	2,101.56	163.78	13.831		
12,800.00	7,001.00	8,093.11	7,253.26	169.44	30.95	168.01	-7,103.57	-2,940.28	2,364.41	2,200.62	163.79	14.436		
12,900.00	7,001.00	8,097.47	7,253.17	170.86	30.99	167.24	-7,099.21	-2,940.39	2,463.54	2,299.76	163.78	15.042		
13,000.00	7,001.00	8,102.08	7,253.07	172.30	31.04	166.43	-7,094.60	-2,940.50	2,562.73	2,398.97	163.76	15.650		
13,100.00	7,001.00	8,106.97	7,252.97	173.78	31.08	165.57	-7,089.72	-2,940.63	2,661.98	2,498.26	163.72	16.259		
13,200.00	7,001.00	8,114.15	7,252.82	175.28	31.16	164.33	-7,082.54	-2,940.82	2,761.28	2,597.65	163.62	16.876		
13,300.00	7,001.00	8,122.22	7,252.65	176.80	31.23	162.95	-7,074.48	-2,941.05	2,860.61	2,697.11	163.50	17.496		
13,400.00	7,001.00	8,131.31	7,252.45	178.36	31.32	161.41	-7,065.39	-2,941.33	2,959.99	2,796.63	163.36	18.120		
13,500.00	7,001.00	8,141.65	7,252.21	179.94	31.43	159.70	-7,055.06	-2,941.66	3,059.39	2,896.21	163.18	18.749		
13,600.00	7,001.00	8,132.07	7,252.43	181.55	31.33	161.28	-7,064.63	-2,941.37	3,158.82	2,995.31	163.51	19.319		
13,700.00	7,001.00	8,147.14	7,252.10	183.18	31.48	158.80	-7,049.58	-2,941.84	3,258.30	3,095.08	163.22	19.963		
13,800.00	7,001.00	8,150.83	7,252.04	184.84	31.52	158.21	-7,045.89	-2,941.97	3,357.79	3,194.58	163.21	20.574		
13,900.00	7,001.00	8,154.57	7,251.98	186.52	31.56	157.61	-7,042.15	-2,942.09	3,457.31	3,294.11	163.20	21.185		
14,000.00	7,001.00	8,158.35	7,251.92	188.23	31.59	157.01	-7,038.37	-2,942.22	3,556.85	3,393.67	163.18	21.797		
14,100.00	7,001.00	8,162.18	7,251.87	189.97	31.63	156.40	-7,034.54	-2,942.35	3,656.42	3,493.25	163.17	22.409		
14,200.00	7,001.00	8,166.06	7,251.83	191.72	31.67	155.80	-7,030.67	-2,942.49	3,756.00	3,592.85	163.15	23.022		
14,300.00	7,001.00	8,169.98	7,251.79	193.50	31.71	155.20	-7,026.75	-2,942.62	3,855.60	3,692.47	163.13	23.635		
14,400.00	7,001.00	8,175.15	7,251.75	195.30	31.76	154.41	-7,021.58	-2,942.80	3,955.22	3,792.14	163.08	24.253		
14,500.00	7,001.00	8,180.48	7,251.72	197.13	31.82	153.61	-7,016.25	-2,942.99	4,054.85	3,891.82	163.03	24.871		
14,600.00	7,001.00	8,185.99	7,251.70	198.98	31.88	152.79	-7,010.75	-2,943.19	4,154.50	3,991.51	162.98	25.491		
14,700.00	7,001.00	8,191.67	7,251.70	200.85	31.93	151.97	-7,005.08	-2,943.40	4,254.15	4,091.23	162.93	26.111		
14,800.00	7,001.00	8,197.54	7,251.71	202.73	31.99	151.13	-6,999.21	-2,943.62	4,353.82	4,190.95	162.87	26.732		
14,900.00	7,001.00	8,253.98	7,251.94	204.64	32.59	143.74	-6,942.82	-2,946.09	4,453.47	4,291.68	161.79	27.526		
15,000.00	7,001.00	8,275.08	7,252.02	206.57	32.81	141.29	-6,921.75	-2,947.18	4,553.09	4,391.64	161.45	28.202		
15,100.00	7,001.00	8,277.44	7,252.03	208.52	32.84	141.02	-6,919.39	-2,947.31	4,652.72	4,491.24	161.48	28.813		
15,200.00	7,001.00	8,279.74	7,252.04	210.49	32.87	140.77	-6,917.10	-2,947.43	4,752.36	4,590.85	161.51	29.425		
15,300.00	7,001.00	8,281.99	7,252.05	212.48	32.89	140.52	-6,914.85	-2,947.54	4,852.01	4,690.47	161.54	30.036		
15,400.00	7,001.00	8,284.18	7,252.06	214.48	32.91	140.28	-6,912.66	-2,947.65	4,951.68	4,790.11	161.57	30.647		
15,500.00	7,001.00	8,286.33	7,252.07	216.51	32.94	140.04	-6,910.52	-2,947.76	5,051.35	4,889.75	161.60	31.258		
15,600.00	7,001.00	8,297.00	7,252.12	218.55	33.05	138.91	-6,899.86	-2,948.28	5,151.06	4,989.58	161.47	31.900		
15,700.00	7,001.00	8,297.00	7,252.12	220.60	33.05	138.91	-6,899.86	-2,948.28	5,250.75	5,089.20	161.54	32.504		
15,800.00	7,001.00	8,297.00	7,252.12	222.68	33.05	138.91	-6,899.86	-2,948.28	5,350.45	5,188.84	161.61	33.108		
15,900.00	7,001.00	8,297.00	7,252.12	224.76	33.05	138.91	-6,899.86	-2,948.28	5,450.16	5,288.49	161.67	33.711		
16,000.00	7,001.00	8,297.00	7,252.12	226.87	33.05	138.91	-6,899.86	-2,948.28	5,549.88	5,388.15	161.73	34.315		
16,100.00	7,001.00	8,297.00	7,252.12	228.99	33.05	138.91	-6,899.86	-2,948.28	5,649.61	5,487.82	161.79	34.919		
16,200.00	7,001.00	8,303.46	7,252.15	231.12	33.12	138.24	-6,893.41	-2,948.58	5,749.35	5,587.60	161.74	35.546		
16,300.00	7,001.00	8,307.32	7,252.16	233.27	33.17	137.85	-6,889.56	-2,948.76	5,849.09	5,687.35	161.74	36.164		
16,400.00	7,001.00	8,311.14	7,252.17	235.43	33.21	137.46	-6,885.73	-2,948.94	5,948.84	5,787.10	161.73	36.782		
16,500.00	7,001.00	8,314.93	7,252.18	237.61	33.25	137.08	-6,881.95	-2,949.11	6,048.59	5,886.86	161.73	37.400		
16,600.00	7,001.00	8,318.69	7,252.18	239.79	33.29	136.71	-6,878.19	-2,949.29	6,148.35	5,986.63	161.72	38.018		
16,700.00	7,001.00	8,322.42	7,252.18	242.00	33.33	136.35	-6,874.46	-2,949.46	6,248.11	6,086.39	161.72	38.636		
16,800.00	7,001.00	8,329.00	7,252.17	244.21	33.41	135.72	-6,867.89	-2,949.76	6,347.88	6,186.21	161.67	39.265		
16,900.00	7,001.00	8,330.85	7,252.17	246.43	33.43	135.54	-6,866.05	-2,949.84	6,447.65	6,285.96	161.69	39.875		
17,000.00	7,001.00	8,339.55	7,252.13	248.67	33.53	134.73	-6,857.35	-2,950.24	6,547.43	6,385.81	161.61	40.513		
17,100.00	7,001.00	8,348.43	7,252.07	250.92	33.63	133.92	-6,848.48	-2,950.65	6,647.20	6,485.67	161.53	41.151		
17,200.00	7,001.00	8,416.57	7,250.68	253.18	34.41	128.34	-6,780.44	-2,954.11	6,746.93	6,586.36	160.57	42.018		
17,300.00	7,001.00	8,422.22	7,250.53	255.45	34.48	127.93	-6,774.81	-2,954.42	6,846.66	6,686.11	160.55	42.645		
17,400.00	7,001.00	8,425.00	7,250.45	257.73	34.51	127.73	-6,772.03	-2,954.57	6,946.40	6,785.82	160.57	43.260		
17,500.00	7,001.00	8,436.32	7,250.10	260.02	34.65	126.92	-6,760.74	-2,955.21	7,046.12	6,885.64	160.47	43.908		
17,600.00	7,001.00	8,438.61	7,250.03	262.32	34.67	126.76	-6,758.46	-2,955.33	7,145.86	6,985.35	160.50	44.522		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 12-T6N-R67W - SIMONSEN 11-421 - Wellbore #1 - Wellbore #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 144-MWD												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,700.00	7,001.00	8,440.86	7,249.95	264.63	34.70	126.61	-6,756.21	-2,955.45	7,245.60	7,085.07	160.53	45.135	
17,800.00	7,001.00	8,443.07	7,249.87	266.95	34.73	126.45	-6,754.01	-2,955.57	7,345.35	7,184.79	160.56	45.748	
17,900.00	7,001.00	8,445.24	7,249.80	269.28	34.75	126.30	-6,751.84	-2,955.69	7,445.10	7,284.51	160.59	46.361	
18,000.00	7,001.00	8,457.00	7,249.37	271.61	34.89	125.51	-6,740.10	-2,956.29	7,544.88	7,384.39	160.49	47.012	
18,100.00	7,001.00	8,464.20	7,249.09	273.96	34.98	125.04	-6,732.91	-2,956.68	7,644.64	7,484.18	160.45	47.645	
18,200.00	7,001.00	8,469.76	7,248.88	276.31	35.05	124.68	-6,727.37	-2,956.98	7,744.39	7,583.96	160.44	48.271	
18,300.00	7,001.00	8,503.70	7,247.55	278.67	35.46	122.62	-6,693.51	-2,958.87	7,844.15	7,684.09	160.06	49.009	
18,400.00	7,001.00	8,510.03	7,247.28	281.04	35.54	122.25	-6,687.20	-2,959.23	7,943.89	7,783.85	160.04	49.638	
18,500.00	7,001.00	8,516.35	7,247.00	283.42	35.61	121.89	-6,680.89	-2,959.59	8,043.63	7,883.62	160.02	50.268	
18,600.00	7,001.00	8,520.00	7,246.84	285.80	35.66	121.69	-6,677.25	-2,959.80	8,143.38	7,983.35	160.03	50.887	
18,700.00	7,001.00	8,520.00	7,246.84	288.19	35.66	121.69	-6,677.25	-2,959.80	8,243.13	8,083.04	160.09	51.491	
18,800.00	7,001.00	8,520.00	7,246.84	290.59	35.66	121.69	-6,677.25	-2,959.80	8,342.88	8,182.74	160.15	52.095	
18,900.00	7,001.00	8,520.00	7,246.84	293.00	35.66	121.69	-6,677.25	-2,959.80	8,442.65	8,282.44	160.21	52.699	
19,000.00	7,001.00	8,530.68	7,246.36	295.41	35.79	121.10	-6,666.60	-2,960.41	8,542.40	8,382.26	160.14	53.345	
19,100.00	7,001.00	8,533.00	7,246.26	297.83	35.82	120.98	-6,664.28	-2,960.54	8,642.16	8,482.00	160.17	53.958	
19,200.00	7,001.00	8,535.30	7,246.16	300.25	35.85	120.86	-6,661.99	-2,960.66	8,741.93	8,581.74	160.20	54.571	
19,300.00	7,001.00	8,537.57	7,246.06	302.68	35.88	120.74	-6,659.72	-2,960.79	8,841.71	8,681.48	160.22	55.183	
19,400.00	7,001.00	8,539.81	7,245.97	305.12	35.90	120.62	-6,657.49	-2,960.91	8,941.48	8,781.23	160.25	55.795	
19,500.00	7,001.00	8,542.02	7,245.88	307.56	35.93	120.50	-6,655.29	-2,961.03	9,041.26	8,880.98	160.28	56.407	
19,600.00	7,001.00	8,552.00	7,245.47	310.01	36.05	119.99	-6,645.33	-2,961.56	9,141.06	8,980.83	160.23	57.051	
19,700.00	7,001.00	8,552.00	7,245.47	312.46	36.05	119.99	-6,645.33	-2,961.56	9,240.84	9,080.56	160.28	57.654	
19,800.00	7,001.00	8,552.00	7,245.47	314.92	36.05	119.99	-6,645.33	-2,961.56	9,340.63	9,180.29	160.34	58.257	
19,900.00	7,001.00	8,552.00	7,245.47	317.39	36.05	119.99	-6,645.33	-2,961.56	9,440.42	9,280.03	160.39	58.859	
20,000.00	7,001.00	8,552.00	7,245.47	319.85	36.05	119.99	-6,645.33	-2,961.56	9,540.21	9,379.77	160.44	59.461	
20,100.00	7,001.00	8,552.00	7,245.47	322.33	36.05	119.99	-6,645.33	-2,961.56	9,640.02	9,479.52	160.50	60.064	
20,200.00	7,001.00	8,552.00	7,245.47	324.81	36.05	119.99	-6,645.33	-2,961.56	9,739.82	9,579.27	160.55	60.665	
20,300.00	7,001.00	8,552.00	7,245.47	327.29	36.05	119.99	-6,645.33	-2,961.56	9,839.63	9,679.03	160.60	61.267	
20,400.00	7,001.00	8,552.00	7,245.47	329.78	36.05	119.99	-6,645.33	-2,961.56	9,939.44	9,778.79	160.65	61.869	
20,500.00	7,001.00	8,552.00	7,245.47	332.27	36.05	119.99	-6,645.33	-2,961.56	10,039.26	9,878.55	160.71	62.470	
20,600.00	7,001.00	8,552.00	7,245.47	334.77	36.05	119.99	-6,645.33	-2,961.56	10,139.08	9,978.32	160.76	63.071	



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 149-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	12,126.00	7,107.01	0.00	94.24	-141.59	-2,901.60	-2,300.82	8,065.38					
100.00	100.00	12,126.00	7,107.01	0.27	94.24	-141.59	-2,901.60	-2,300.82	7,976.68	7,927.20	49.47	161.228		
200.00	199.98	12,126.00	7,107.01	0.62	94.24	14.57	-2,901.60	-2,300.82	7,887.47	7,837.87	49.59	159.042		
300.00	299.84	12,126.00	7,107.01	0.97	94.24	15.67	-2,901.60	-2,300.82	7,797.01	7,747.27	49.75	156.739		
400.00	399.45	12,126.00	7,107.01	1.34	94.24	16.96	-2,901.60	-2,300.82	7,705.39	7,655.48	49.91	154.388		
500.00	498.70	12,126.00	7,107.01	1.74	94.24	18.47	-2,901.60	-2,300.82	7,612.67	7,562.59	50.08	152.001		
600.00	597.47	12,126.00	7,107.01	2.17	94.24	20.25	-2,901.60	-2,300.82	7,518.93	7,468.66	50.26	149.587		
700.00	695.62	12,126.00	7,107.01	2.62	94.24	22.39	-2,901.60	-2,300.82	7,424.24	7,373.78	50.45	147.153		
800.00	793.06	12,126.00	7,107.01	3.12	94.24	25.00	-2,901.60	-2,300.82	7,328.68	7,278.03	50.64	144.708		
900.00	889.64	12,126.00	7,107.01	3.65	94.24	28.22	-2,901.60	-2,300.82	7,232.34	7,181.50	50.84	142.256		
1,000.00	985.27	12,126.00	7,107.01	4.23	94.24	32.26	-2,901.60	-2,300.82	7,135.31	7,084.27	51.04	139.804		
1,100.00	1,079.82	12,126.00	7,107.01	4.85	94.24	37.42	-2,901.60	-2,300.82	7,037.67	6,986.43	51.24	137.355		
1,200.00	1,173.17	12,126.00	7,107.01	5.52	94.24	44.09	-2,901.60	-2,300.82	6,939.53	6,888.09	51.44	134.914		
1,300.00	1,265.21	12,126.00	7,107.01	6.24	94.24	52.76	-2,901.60	-2,300.82	6,840.99	6,789.35	51.64	132.483		
1,400.00	1,355.84	12,126.00	7,107.01	7.01	94.24	63.85	-2,901.60	-2,300.82	6,742.14	6,690.31	51.84	130.067		
1,500.00	1,444.94	12,126.00	7,107.01	7.83	94.24	77.29	-2,901.60	-2,300.82	6,643.11	6,591.07	52.04	127.665		
1,600.00	1,532.39	12,126.00	7,107.01	8.70	94.24	92.08	-2,901.60	-2,300.82	6,544.00	6,491.76	52.23	125.281		
1,700.00	1,618.11	12,126.00	7,107.01	9.62	94.24	106.39	-2,901.60	-2,300.82	6,444.93	6,392.50	52.43	122.915		
1,800.00	1,701.97	12,126.00	7,107.01	10.59	94.24	118.71	-2,901.60	-2,300.82	6,346.03	6,293.40	52.64	120.566		
1,900.00	1,783.88	12,126.00	7,107.01	11.62	94.24	128.53	-2,901.60	-2,300.82	6,247.44	6,194.60	52.84	118.236		
2,000.00	1,863.74	12,126.00	7,107.01	12.69	94.24	136.13	-2,901.60	-2,300.82	6,149.28	6,096.24	53.05	115.921		
2,100.00	1,941.45	12,126.00	7,107.01	13.81	94.24	141.97	-2,901.60	-2,300.82	6,051.71	5,998.45	53.26	113.622		
2,200.00	2,016.92	12,126.00	7,107.01	14.98	94.24	146.51	-2,901.60	-2,300.82	5,954.87	5,901.39	53.49	111.334		
2,300.00	2,090.05	12,126.00	7,107.01	16.19	94.24	150.10	-2,901.60	-2,300.82	5,858.92	5,805.20	53.72	109.056		
2,400.00	2,160.76	12,126.00	7,107.01	17.45	94.24	152.97	-2,901.60	-2,300.82	5,764.03	5,710.05	53.98	106.785		
2,500.00	2,228.95	12,126.00	7,107.01	18.76	94.24	155.30	-2,901.60	-2,300.82	5,670.36	5,616.11	54.25	104.517		
2,600.00	2,294.55	12,126.00	7,107.01	20.11	94.24	157.23	-2,901.60	-2,300.82	5,578.10	5,523.55	54.55	102.251		
2,700.00	2,357.48	12,126.00	7,107.01	21.50	94.24	158.84	-2,901.60	-2,300.82	5,487.43	5,432.55	54.88	99.985		
2,800.00	2,417.66	12,126.00	7,107.01	22.94	94.24	160.20	-2,901.60	-2,300.82	5,398.54	5,343.30	55.25	97.719		
2,900.00	2,475.05	12,126.00	7,107.01	24.41	94.24	161.19	-2,901.60	-2,300.82	5,311.62	5,255.98	55.64	95.462		
3,000.00	2,531.40	12,126.00	7,107.01	25.89	94.24	161.19	-2,901.60	-2,300.82	5,225.77	5,169.68	56.09	93.167		
3,100.00	2,587.75	12,126.00	7,107.01	27.39	94.24	161.19	-2,901.60	-2,300.82	5,140.44	5,083.87	56.57	90.865		
3,200.00	2,644.11	12,126.00	7,107.01	28.89	94.24	161.19	-2,901.60	-2,300.82	5,055.64	4,998.55	57.09	88.562		
3,300.00	2,700.46	12,126.00	7,107.01	30.39	94.24	161.19	-2,901.60	-2,300.82	4,971.41	4,913.78	57.63	86.266		
3,400.00	2,756.81	12,126.00	7,107.01	31.89	94.24	161.19	-2,901.60	-2,300.82	4,887.77	4,829.57	58.20	83.983		
3,500.00	2,813.17	12,126.00	7,107.01	33.40	94.24	161.19	-2,901.60	-2,300.82	4,804.76	4,745.96	58.80	81.717		
3,600.00	2,869.52	12,126.00	7,107.01	34.91	94.24	161.19	-2,901.60	-2,300.82	4,722.40	4,662.98	59.42	79.473		
3,700.00	2,925.87	12,126.00	7,107.01	36.42	94.24	161.19	-2,901.60	-2,300.82	4,640.74	4,580.67	60.07	77.254		
3,800.00	2,982.22	12,126.00	7,107.01	37.93	94.24	161.19	-2,901.60	-2,300.82	4,559.81	4,499.07	60.74	75.065		
3,900.00	3,038.58	12,126.00	7,107.01	39.45	94.24	161.19	-2,901.60	-2,300.82	4,479.65	4,418.21	61.44	72.908		
4,000.00	3,094.93	12,126.00	7,107.01	40.96	94.24	161.19	-2,901.60	-2,300.82	4,400.31	4,338.14	62.16	70.785		
4,100.00	3,151.28	12,126.00	7,107.01	42.48	94.24	161.19	-2,901.60	-2,300.82	4,321.82	4,258.91	62.91	68.699		
4,200.00	3,207.63	12,126.00	7,107.01	44.00	94.24	161.19	-2,901.60	-2,300.82	4,244.23	4,180.55	63.68	66.652		
4,300.00	3,263.99	12,126.00	7,107.01	45.52	94.24	161.19	-2,901.60	-2,300.82	4,167.60	4,103.13	64.47	64.646		
4,400.00	3,320.34	12,126.00	7,107.01	47.04	94.24	161.19	-2,901.60	-2,300.82	4,091.98	4,026.70	65.28	62.683		
4,500.00	3,376.69	12,126.00	7,107.01	48.56	94.24	161.19	-2,901.60	-2,300.82	4,017.42	3,951.31	66.11	60.764		
4,600.00	3,433.05	12,126.00	7,107.01	50.08	94.24	161.19	-2,901.60	-2,300.82	3,943.99	3,877.02	66.97	58.892		
4,700.00	3,489.40	12,126.00	7,107.01	51.61	94.24	161.19	-2,901.60	-2,300.82	3,871.75	3,803.91	67.84	57.068		
4,800.00	3,545.75	12,126.00	7,107.01	53.13	94.24	161.19	-2,901.60	-2,300.82	3,800.77	3,732.03	68.74	55.293		
4,900.00	3,602.10	12,126.00	7,107.01	54.65	94.24	161.19	-2,901.60	-2,300.82	3,731.12	3,661.47	69.65	53.568		
5,000.00	3,658.46	12,126.00	7,107.01	56.18	94.24	161.19	-2,901.60	-2,300.82	3,662.88	3,592.30	70.58	51.896		
5,100.00	3,714.81	12,126.00	7,107.01	57.70	94.24	161.19	-2,901.60	-2,300.82	3,596.12	3,524.59	71.53	50.276		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

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Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 149-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	12,126.00	7,107.01	59.23	94.24	161.19	-2,901.60	-2,300.82	3,530.93	3,458.44	72.49	48.712		
5,300.00	3,827.51	12,126.00	7,107.01	60.75	94.24	161.19	-2,901.60	-2,300.82	3,467.40	3,393.94	73.46	47.203		
5,400.00	3,883.87	12,075.00	7,108.08	62.28	93.36	161.46	-2,952.59	-2,300.56	3,405.18	3,331.65	73.53	46.313		
5,500.00	3,940.22	11,950.00	7,110.37	63.80	91.22	162.13	-3,077.56	-2,300.14	3,343.16	3,270.91	72.25	46.272		
5,600.00	3,996.57	11,902.59	7,110.83	65.33	90.41	162.39	-3,124.97	-2,300.04	3,280.48	3,208.10	72.39	45.320		
5,700.00	4,052.93	11,732.95	7,110.71	66.86	87.52	163.38	-3,294.59	-2,299.04	3,216.90	3,146.69	70.21	45.818		
5,800.00	4,109.28	11,683.35	7,110.06	68.39	86.68	163.67	-3,344.19	-2,299.07	3,152.86	3,082.56	70.30	44.848		
5,900.00	4,165.63	11,612.41	7,109.83	69.91	85.47	164.11	-3,415.13	-2,299.00	3,089.59	3,019.61	69.98	44.150		
6,000.00	4,221.98	11,512.13	7,108.38	71.44	83.78	164.74	-3,515.40	-2,299.49	3,025.69	2,956.60	69.08	43.797		
6,100.00	4,278.34	11,474.00	7,107.94	72.97	83.13	164.99	-3,553.52	-2,299.81	2,962.27	2,892.86	69.42	42.675		
6,200.00	4,334.69	11,347.00	7,106.88	74.50	80.99	165.87	-3,680.51	-2,300.18	2,899.33	2,831.39	67.94	42.672		
6,300.00	4,391.04	11,298.11	7,105.96	76.03	80.16	166.22	-3,729.38	-2,300.24	2,835.60	2,767.54	68.06	41.664		
6,400.00	4,447.40	11,242.80	7,105.55	77.55	79.23	166.64	-3,784.70	-2,300.23	2,772.77	2,704.73	68.04	40.749		
6,500.00	4,503.75	11,197.22	7,105.58	79.08	78.47	167.00	-3,830.27	-2,299.96	2,710.69	2,642.45	68.24	39.723		
6,600.00	4,560.10	11,107.16	7,105.84	80.61	76.95	167.74	-3,920.34	-2,299.36	2,648.92	2,581.43	67.48	39.252		
6,700.00	4,616.45	11,062.00	7,106.26	82.14	76.20	168.13	-3,965.49	-2,298.90	2,587.76	2,520.06	67.70	38.223		
6,800.00	4,672.81	10,953.73	7,106.95	83.67	74.38	169.15	-4,073.73	-2,296.53	2,526.46	2,459.94	66.52	37.981		
6,900.00	4,729.16	10,912.78	7,107.29	85.20	73.70	169.55	-4,114.66	-2,295.81	2,465.72	2,398.87	66.85	36.883		
7,000.00	4,785.51	10,760.22	7,107.40	86.73	71.16	171.10	-4,267.20	-2,293.43	2,404.86	2,340.18	64.68	37.180		
7,100.00	4,841.86	10,697.11	7,106.12	88.26	70.11	171.78	-4,330.29	-2,292.31	2,342.69	2,278.14	64.55	36.295		
7,200.00	4,898.22	10,658.05	7,105.95	89.79	69.46	172.21	-4,369.34	-2,292.18	2,282.00	2,217.01	64.99	35.110		
7,300.00	4,954.57	10,567.89	7,105.69	91.32	67.98	173.20	-4,459.50	-2,292.80	2,221.95	2,157.63	64.32	34.547		
7,400.00	5,010.92	10,477.56	7,104.59	92.85	66.50	174.23	-4,549.81	-2,293.84	2,161.54	2,097.87	63.67	33.950		
7,500.00	5,067.28	10,428.00	7,104.02	94.38	65.69	174.79	-4,599.35	-2,295.46	2,101.74	2,037.75	64.00	32.841		
7,600.00	5,123.63	10,356.57	7,103.71	95.91	64.53	175.60	-4,670.70	-2,298.67	2,042.88	1,979.00	63.88	31.979		
7,700.00	5,179.98	10,271.40	7,103.49	97.44	63.16	176.60	-4,755.75	-2,303.30	1,984.57	1,921.07	63.51	31.250		
7,800.00	5,236.33	10,164.65	7,101.59	98.97	61.45	177.91	-4,862.29	-2,309.59	1,925.43	1,862.73	62.70	30.708		
7,900.00	5,292.69	10,097.87	7,099.86	100.50	60.39	178.78	-4,928.92	-2,313.74	1,866.16	1,803.30	62.86	29.687		
8,000.00	5,349.04	10,060.88	7,099.53	102.03	59.80	179.29	-4,965.86	-2,315.55	1,808.59	1,744.83	63.76	28.365		
8,100.00	5,405.39	9,993.57	7,100.10	103.56	58.73	179.73	-5,033.09	-2,318.90	1,752.81	1,688.73	64.07	27.357		
8,200.00	5,461.74	9,934.57	7,100.74	105.09	57.80	178.83	-5,092.02	-2,321.59	1,697.84	1,633.17	64.67	26.254		
8,300.00	5,518.10	9,834.93	7,102.13	106.62	56.23	177.22	-5,191.55	-2,325.92	1,643.77	1,579.23	64.54	25.467		
8,400.00	5,574.45	9,717.49	7,101.17	108.15	54.39	175.14	-5,308.89	-2,330.64	1,588.69	1,524.40	64.29	24.713		
8,500.00	5,630.80	9,666.00	7,100.08	109.68	53.59	174.16	-5,360.33	-2,332.70	1,533.58	1,468.06	65.52	23.406		
8,600.00	5,687.16	9,622.35	7,100.27	111.21	52.92	173.29	-5,403.96	-2,333.85	1,481.18	1,414.10	67.08	22.081		
8,700.00	5,743.51	9,553.42	7,101.27	112.75	51.85	171.84	-5,472.86	-2,335.45	1,430.66	1,362.23	68.42	20.909		
8,800.00	5,799.86	9,446.69	7,102.31	114.28	50.21	169.39	-5,579.58	-2,336.26	1,381.22	1,311.61	69.61	19.842		
8,900.00	5,856.21	9,332.73	7,099.57	115.81	48.48	166.53	-5,693.50	-2,337.37	1,330.35	1,259.09	71.26	18.668		
9,000.00	5,912.57	9,270.02	7,097.28	117.34	47.54	164.81	-5,756.17	-2,337.22	1,280.53	1,206.62	73.92	17.324		
9,100.00	5,968.92	9,196.11	7,095.29	118.87	46.44	162.67	-5,830.04	-2,336.62	1,233.27	1,156.33	76.94	16.029		
9,200.00	6,025.27	9,144.28	7,094.04	120.40	45.67	161.10	-5,881.86	-2,336.09	1,188.31	1,107.87	80.44	14.773		
9,300.00	6,081.63	9,086.59	7,093.94	121.93	44.83	159.33	-5,939.54	-2,336.14	1,146.85	1,062.63	84.23	13.616		
9,400.00	6,137.98	8,995.78	7,094.17	123.46	43.51	156.42	-6,030.36	-2,336.13	1,108.21	1,019.63	88.58	12.511		
9,500.00	6,194.33	8,925.71	7,093.58	125.00	42.51	154.06	-6,100.42	-2,336.40	1,071.30	977.98	93.32	11.480		
9,600.00	6,250.68	8,848.82	7,093.90	126.53	41.43	151.40	-6,177.31	-2,337.10	1,037.97	939.49	98.48	10.540		
9,700.00	6,307.04	8,760.78	7,092.58	128.06	40.21	148.19	-6,265.33	-2,338.04	1,006.46	902.17	104.30	9.650		
9,800.00	6,363.39	8,706.97	7,092.02	129.59	39.48	146.14	-6,319.13	-2,338.10	979.26	869.40	109.86	8.914		
9,900.00	6,419.74	8,634.46	7,091.18	131.12	38.51	143.27	-6,391.63	-2,337.00	956.69	840.65	116.04	8.244		
10,000.00	6,476.09	8,577.50	7,091.19	132.65	37.76	140.97	-6,448.58	-2,335.89	939.28	817.48	121.80	7.712		
10,100.00	6,532.45	8,494.52	7,091.00	134.18	36.68	137.54	-6,531.52	-2,333.49	926.80	798.50	128.30	7.224		
10,200.00	6,588.80	8,434.06	7,090.29	135.72	35.91	134.97	-6,591.93	-2,331.13	919.28	785.42	133.85	6.868		
10,297.78	6,643.90	8,357.05	7,089.87	137.21	34.96	131.70	-6,668.88	-2,328.09	917.07	777.51	139.56	6.571 CC		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 149-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,645.15	8,354.67	7,089.84	137.25	34.93	-131.60	-6,671.25	-2,328.00	917.07	777.36	139.72	6.564		
10,400.00	6,701.51	8,270.61	7,088.50	138.78	33.92	-128.01	-6,755.26	-2,325.30	919.05	773.73	145.33	6.324 ES		
10,500.00	6,757.86	8,188.97	7,086.56	140.31	32.98	-124.52	-6,836.85	-2,323.07	925.59	775.29	150.30	6.158		
10,600.00	6,813.28	8,125.76	7,084.87	141.87	32.27	-126.49	-6,900.02	-2,321.71	940.51	786.62	153.89	6.112 SF		
10,700.00	6,864.12	8,063.22	7,084.34	143.49	31.60	-130.23	-6,962.53	-2,319.97	976.27	819.28	156.99	6.219		
10,800.00	6,908.67	7,982.50	7,085.39	145.14	30.77	-132.42	-7,043.23	-2,318.98	1,030.51	870.10	160.41	6.424		
10,900.00	6,945.58	7,929.72	7,086.07	146.73	30.25	-135.22	-7,096.01	-2,319.07	1,100.20	937.89	162.31	6.779		
11,000.00	6,973.71	7,868.78	7,086.85	148.22	29.68	-136.89	-7,156.93	-2,319.91	1,182.28	1,017.93	164.35	7.194		
11,100.00	6,992.22	7,838.92	7,087.49	149.55	29.41	-141.17	-7,186.78	-2,320.68	1,273.45	1,108.27	165.18	7.710		
11,200.00	7,000.54	7,824.61	7,087.77	150.69	29.28	-154.92	-7,201.08	-2,321.06	1,370.51	1,204.94	165.56	8.278		
11,300.00	7,001.00	7,820.03	7,087.85	151.65	29.24	-166.35	-7,205.66	-2,321.18	1,469.88	1,304.14	165.75	8.868		
11,400.00	7,001.00	7,816.16	7,087.91	152.64	29.21	-164.92	-7,209.53	-2,321.29	1,569.40	1,403.50	165.89	9.460		
11,500.00	7,001.00	7,812.09	7,087.97	153.65	29.17	-163.44	-7,213.60	-2,321.40	1,668.96	1,502.93	166.03	10.052		
11,600.00	7,001.00	7,807.80	7,088.01	154.69	29.13	-161.90	-7,217.89	-2,321.53	1,768.57	1,602.41	166.16	10.644		
11,700.00	7,001.00	7,803.27	7,088.05	155.76	29.09	-160.30	-7,222.41	-2,321.66	1,868.21	1,701.93	166.29	11.235		
11,800.00	7,001.00	7,798.48	7,088.08	156.85	29.05	-158.65	-7,227.20	-2,321.81	1,967.89	1,801.48	166.41	11.825		
11,900.00	7,001.00	7,794.04	7,088.10	157.98	29.01	-157.14	-7,231.64	-2,321.95	2,067.58	1,901.07	166.52	12.416		
12,000.00	7,001.00	7,790.90	7,088.11	159.14	28.99	-156.10	-7,234.77	-2,322.05	2,167.31	2,000.72	166.59	13.010		
12,100.00	7,001.00	7,787.76	7,088.12	160.32	28.96	-155.08	-7,237.91	-2,322.15	2,267.05	2,100.39	166.65	13.603		
12,200.00	7,001.00	7,784.63	7,088.12	161.54	28.93	-154.07	-7,241.04	-2,322.24	2,366.81	2,200.09	166.72	14.197		
12,300.00	7,001.00	7,781.49	7,088.12	162.78	28.91	-153.08	-7,244.18	-2,322.34	2,466.58	2,299.80	166.78	14.790		
12,400.00	7,001.00	7,778.35	7,088.11	164.06	28.88	-152.10	-7,247.31	-2,322.44	2,566.37	2,399.53	166.84	15.382		
12,500.00	7,001.00	7,775.22	7,088.10	165.36	28.86	-151.14	-7,250.45	-2,322.54	2,666.17	2,499.28	166.89	15.975		
12,600.00	7,001.00	7,772.08	7,088.09	166.69	28.83	-150.20	-7,253.58	-2,322.64	2,765.98	2,599.03	166.95	16.568		
12,700.00	7,001.00	7,768.94	7,088.08	168.05	28.80	-149.27	-7,256.72	-2,322.74	2,865.80	2,698.80	167.01	17.160		
12,800.00	7,001.00	7,765.81	7,088.06	169.44	28.78	-148.36	-7,259.85	-2,322.84	2,965.64	2,798.57	167.06	17.752		
12,900.00	7,001.00	7,763.00	7,088.04	170.86	28.75	-147.56	-7,262.66	-2,322.93	3,065.47	2,898.37	167.11	18.344		
13,000.00	7,001.00	7,763.00	7,088.04	172.30	28.75	-147.56	-7,262.66	-2,322.93	3,165.32	2,998.23	167.09	18.944		
13,100.00	7,001.00	7,763.00	7,088.04	173.78	28.75	-147.56	-7,262.66	-2,322.93	3,265.18	3,098.10	167.08	19.543		
13,200.00	7,001.00	7,756.89	7,088.00	175.28	28.70	-145.87	-7,268.77	-2,323.12	3,365.04	3,197.84	167.20	20.126		
13,300.00	7,001.00	7,755.01	7,087.98	176.80	28.69	-145.36	-7,270.65	-2,323.17	3,464.90	3,297.68	167.22	20.720		
13,400.00	7,001.00	7,753.17	7,087.96	178.36	28.67	-144.87	-7,272.49	-2,323.23	3,564.78	3,397.53	167.25	21.314		
13,500.00	7,001.00	7,751.36	7,087.95	179.94	28.66	-144.39	-7,274.29	-2,323.28	3,664.66	3,497.38	167.28	21.908		
13,600.00	7,001.00	7,749.60	7,087.93	181.55	28.64	-143.93	-7,276.05	-2,323.33	3,764.54	3,597.24	167.30	22.501		
13,700.00	7,001.00	7,747.87	7,087.91	183.18	28.63	-143.48	-7,277.78	-2,323.38	3,864.43	3,697.10	167.33	23.095		
13,800.00	7,001.00	7,746.17	7,087.89	184.84	28.62	-143.05	-7,279.48	-2,323.43	3,964.32	3,796.97	167.35	23.689		
13,900.00	7,001.00	7,744.51	7,087.88	186.52	28.60	-142.63	-7,281.14	-2,323.48	4,064.22	3,896.84	167.38	24.282		
14,000.00	7,001.00	7,742.88	7,087.86	188.23	28.59	-142.22	-7,282.77	-2,323.53	4,164.12	3,996.72	167.40	24.875		
14,100.00	7,001.00	7,741.29	7,087.84	189.97	28.58	-141.82	-7,284.36	-2,323.57	4,264.03	4,096.60	167.42	25.468		
14,200.00	7,001.00	7,739.72	7,087.82	191.72	28.56	-141.44	-7,285.92	-2,323.62	4,363.93	4,196.49	167.45	26.061		
14,300.00	7,001.00	7,738.19	7,087.80	193.50	28.55	-141.07	-7,287.46	-2,323.66	4,463.84	4,296.37	167.47	26.654		
14,400.00	7,001.00	7,719.84	7,087.47	195.30	28.41	-136.87	-7,305.80	-2,324.19	4,563.75	4,395.93	167.82	27.194		
14,500.00	7,001.00	7,716.94	7,087.41	197.13	28.38	-136.25	-7,308.70	-2,324.28	4,663.66	4,495.79	167.87	27.781		
14,600.00	7,001.00	7,714.04	7,087.35	198.98	28.36	-135.65	-7,311.59	-2,324.37	4,763.57	4,595.65	167.92	28.368		
14,700.00	7,001.00	7,711.14	7,087.29	200.85	28.34	-135.05	-7,314.49	-2,324.46	4,863.48	4,695.51	167.97	28.955		
14,800.00	7,001.00	7,689.95	7,086.77	202.73	28.18	-131.03	-7,335.66	-2,325.15	4,963.38	4,795.02	168.36	29.481		
14,900.00	7,001.00	7,687.70	7,086.70	204.64	28.16	-130.64	-7,337.91	-2,325.22	5,063.29	4,894.89	168.40	30.068		
15,000.00	7,001.00	7,685.49	7,086.63	206.57	28.14	-130.25	-7,340.12	-2,325.30	5,163.19	4,994.76	168.43	30.655		
15,100.00	7,001.00	7,683.30	7,086.56	208.52	28.12	-129.88	-7,342.30	-2,325.37	5,263.10	5,094.64	168.47	31.241		
15,200.00	7,001.00	7,681.14	7,086.49	210.49	28.11	-129.51	-7,344.46	-2,325.44	5,363.01	5,194.51	168.50	31.828		
15,300.00	7,001.00	7,679.01	7,086.42	212.48	28.09	-129.16	-7,346.59	-2,325.51	5,462.93	5,294.39	168.54	32.414		
15,400.00	7,001.00	7,676.91	7,086.35	214.48	28.08	-128.81	-7,348.69	-2,325.58	5,562.84	5,394.27	168.57	33.000		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 149-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	7,001.00	7,674.83	7,086.28	216.51	28.06	-128.47	-7,350.77	-2,325.65	5,662.76	5,494.15	168.60	33.586		
15,600.00	7,001.00	7,672.78	7,086.21	218.55	28.05	-128.15	-7,352.82	-2,325.72	5,762.67	5,594.04	168.64	34.172		
15,700.00	7,001.00	7,670.75	7,086.14	220.60	28.03	-127.82	-7,354.84	-2,325.78	5,862.59	5,693.92	168.67	34.757		
15,800.00	7,001.00	7,663.00	7,085.86	222.68	27.97	-126.64	-7,362.58	-2,326.03	5,962.52	5,793.71	168.81	35.321		
15,900.00	7,001.00	7,663.00	7,085.86	224.76	27.97	-126.64	-7,362.58	-2,326.03	6,062.44	5,893.63	168.81	35.913		
16,000.00	7,001.00	7,649.32	7,085.33	226.87	27.87	-124.67	-7,376.24	-2,326.50	6,162.35	5,993.29	169.05	36.452		
16,100.00	7,001.00	7,631.00	7,084.61	228.99	27.74	-122.29	-7,394.54	-2,327.12	6,262.29	6,092.90	169.38	36.971		
16,200.00	7,001.00	7,631.00	7,084.61	231.12	27.74	-122.29	-7,394.54	-2,327.12	6,362.20	6,192.82	169.38	37.562		
16,300.00	7,001.00	7,631.00	7,084.61	233.27	27.74	-122.29	-7,394.54	-2,327.12	6,462.11	6,292.73	169.38	38.152		
16,400.00	7,001.00	7,631.00	7,084.61	235.43	27.74	-122.29	-7,394.54	-2,327.12	6,562.03	6,392.65	169.38	38.742		
16,500.00	7,001.00	7,631.00	7,084.61	237.61	27.74	-122.29	-7,394.54	-2,327.12	6,661.95	6,492.57	169.38	39.332		
16,600.00	7,001.00	7,631.00	7,084.61	239.79	27.74	-122.29	-7,394.54	-2,327.12	6,761.87	6,592.49	169.38	39.922		
16,700.00	7,001.00	7,631.00	7,084.61	242.00	27.74	-122.29	-7,394.54	-2,327.12	6,861.79	6,692.42	169.38	40.512		
16,800.00	7,001.00	7,631.00	7,084.61	244.21	27.74	-122.29	-7,394.54	-2,327.12	6,961.72	6,792.34	169.38	41.101		
16,900.00	7,001.00	7,631.00	7,084.61	246.43	27.74	-122.29	-7,394.54	-2,327.12	7,061.65	6,892.27	169.38	41.691		
17,000.00	7,001.00	7,619.64	7,084.12	248.67	27.66	-120.94	-7,405.88	-2,327.52	7,161.55	6,991.97	169.59	42.230		
17,100.00	7,001.00	7,618.56	7,084.07	250.92	27.66	-120.82	-7,406.96	-2,327.56	7,261.48	7,091.87	169.61	42.814		
17,200.00	7,001.00	7,617.50	7,084.03	253.18	27.65	-120.70	-7,408.02	-2,327.59	7,361.41	7,191.78	169.63	43.397		
17,300.00	7,001.00	7,616.46	7,083.98	255.45	27.64	-120.58	-7,409.06	-2,327.63	7,461.34	7,291.69	169.65	43.981		
17,400.00	7,001.00	7,615.43	7,083.94	257.73	27.64	-120.46	-7,410.08	-2,327.66	7,561.27	7,391.60	169.67	44.564		
17,500.00	7,001.00	7,614.42	7,083.89	260.02	27.63	-120.35	-7,411.09	-2,327.69	7,661.21	7,491.51	169.69	45.147		
17,600.00	7,001.00	7,613.44	7,083.85	262.32	27.62	-120.24	-7,412.08	-2,327.73	7,761.14	7,591.42	169.71	45.731		
17,700.00	7,001.00	7,612.46	7,083.80	264.63	27.62	-120.13	-7,413.05	-2,327.76	7,861.08	7,691.34	169.74	46.313		
17,800.00	7,001.00	7,611.51	7,083.76	266.95	27.61	-120.03	-7,414.00	-2,327.79	7,961.01	7,791.25	169.76	46.896		
17,900.00	7,001.00	7,610.57	7,083.72	269.28	27.60	-119.93	-7,414.94	-2,327.82	8,060.95	7,891.17	169.78	47.479		
18,000.00	7,001.00	7,599.00	7,083.18	271.61	27.52	-118.70	-7,426.49	-2,328.16	8,160.91	7,990.93	169.99	48.009		
18,100.00	7,001.00	7,599.00	7,083.18	273.96	27.52	-118.70	-7,426.49	-2,328.16	8,260.85	8,090.86	169.99	48.596		
18,200.00	7,001.00	7,599.00	7,083.18	276.31	27.52	-118.70	-7,426.49	-2,328.16	8,360.79	8,190.79	170.00	49.182		
18,300.00	7,001.00	7,599.00	7,083.18	278.67	27.52	-118.70	-7,426.49	-2,328.16	8,460.73	8,290.72	170.01	49.767		
18,400.00	7,001.00	7,599.00	7,083.18	281.04	27.52	-118.70	-7,426.49	-2,328.16	8,560.67	8,390.66	170.01	50.353		
18,500.00	7,001.00	7,599.00	7,083.18	283.42	27.52	-118.70	-7,426.49	-2,328.16	8,660.61	8,490.59	170.02	50.939		
18,600.00	7,001.00	7,599.00	7,083.18	285.80	27.52	-118.70	-7,426.49	-2,328.16	8,760.55	8,590.53	170.03	51.524		
18,700.00	7,001.00	7,599.00	7,083.18	288.19	27.52	-118.70	-7,426.49	-2,328.16	8,860.50	8,690.46	170.04	52.109		
18,800.00	7,001.00	7,599.00	7,083.18	290.59	27.52	-118.70	-7,426.49	-2,328.16	8,960.45	8,790.40	170.05	52.694		
18,900.00	7,001.00	7,599.00	7,083.18	293.00	27.52	-118.70	-7,426.49	-2,328.16	9,060.39	8,890.34	170.06	53.279		
19,000.00	7,001.00	7,599.00	7,083.18	295.41	27.52	-118.70	-7,426.49	-2,328.16	9,160.34	8,990.28	170.07	53.864		
19,100.00	7,001.00	7,599.00	7,083.18	297.83	27.52	-118.70	-7,426.49	-2,328.16	9,260.29	9,090.22	170.08	54.448		
19,200.00	7,001.00	7,599.00	7,083.18	300.25	27.52	-118.70	-7,426.49	-2,328.16	9,360.24	9,190.16	170.09	55.033		
19,300.00	7,001.00	7,599.00	7,083.18	302.68	27.52	-118.70	-7,426.49	-2,328.16	9,460.19	9,290.10	170.10	55.617		
19,400.00	7,001.00	7,599.00	7,083.18	305.12	27.52	-118.70	-7,426.49	-2,328.16	9,560.15	9,390.04	170.11	56.201		
19,500.00	7,001.00	7,599.00	7,083.18	307.56	27.52	-118.70	-7,426.49	-2,328.16	9,660.10	9,489.98	170.12	56.784		
19,600.00	7,001.00	7,599.00	7,083.18	310.01	27.52	-118.70	-7,426.49	-2,328.16	9,760.06	9,589.93	170.13	57.368		
19,700.00	7,001.00	7,593.06	7,082.92	312.46	27.49	-118.11	-7,432.42	-2,328.32	9,860.01	9,689.77	170.24	57.917		
19,800.00	7,001.00	7,591.64	7,082.86	314.92	27.48	-117.97	-7,433.84	-2,328.36	9,959.96	9,789.68	170.28	58.492		
19,900.00	7,001.00	7,590.22	7,082.80	317.39	27.47	-117.83	-7,435.26	-2,328.40	10,059.92	9,889.60	170.32	59.066		
20,000.00	7,001.00	7,588.81	7,082.74	319.85	27.46	-117.70	-7,436.66	-2,328.44	10,159.87	9,989.52	170.35	59.640		

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 125-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	11,954.00	7,297.28	0.27	92.31	-151.33	-2,877.95	-1,573.57	7,933.12	7,888.56	44.56	178.029		
200.00	199.98	11,954.00	7,297.28	0.62	92.31	4.18	-2,877.95	-1,573.57	7,841.47	7,796.82	44.65	175.623		
300.00	299.84	11,954.00	7,297.28	0.97	92.31	4.56	-2,877.95	-1,573.57	7,748.66	7,703.90	44.76	173.102		
400.00	399.45	11,954.00	7,297.28	1.34	92.31	5.02	-2,877.95	-1,573.57	7,654.78	7,609.89	44.88	170.544		
500.00	498.70	11,954.00	7,297.28	1.74	92.31	5.57	-2,877.95	-1,573.57	7,559.88	7,514.87	45.01	167.962		
600.00	597.47	11,954.00	7,297.28	2.17	92.31	6.27	-2,877.95	-1,573.57	7,464.07	7,418.93	45.14	165.367		
700.00	695.62	11,954.00	7,297.28	2.62	92.31	7.15	-2,877.95	-1,573.57	7,367.41	7,322.14	45.26	162.766		
800.00	793.06	11,954.00	7,297.28	3.12	92.31	8.31	-2,877.95	-1,573.57	7,269.99	7,224.60	45.39	160.169		
900.00	889.64	11,954.00	7,297.28	3.65	92.31	9.90	-2,877.95	-1,573.57	7,171.91	7,126.40	45.51	157.582		
1,000.00	985.27	11,954.00	7,297.28	4.23	92.31	12.21	-2,877.95	-1,573.57	7,073.26	7,027.63	45.63	155.012		
1,100.00	1,079.82	11,954.00	7,297.28	4.85	92.31	15.86	-2,877.95	-1,573.57	6,974.14	6,928.39	45.74	152.465		
1,200.00	1,173.17	11,954.00	7,297.28	5.52	92.31	22.36	-2,877.95	-1,573.57	6,874.64	6,828.79	45.85	149.945		
1,300.00	1,265.21	11,954.00	7,297.28	6.24	92.31	36.42	-2,877.95	-1,573.57	6,774.89	6,728.94	45.95	147.456		
1,400.00	1,355.84	11,954.00	7,297.28	7.01	92.31	73.64	-2,877.95	-1,573.57	6,674.98	6,628.95	46.03	145.003		
1,500.00	1,444.84	11,954.00	7,297.28	7.83	92.31	126.97	-2,877.95	-1,573.57	6,575.05	6,528.93	46.11	142.587		
1,600.00	1,532.39	11,954.00	7,297.28	8.70	92.31	150.70	-2,877.95	-1,573.57	6,475.20	6,429.02	46.18	140.211		
1,700.00	1,618.11	11,954.00	7,297.28	9.62	92.31	160.31	-2,877.95	-1,573.57	6,375.58	6,329.33	46.24	137.875		
1,800.00	1,701.97	11,954.00	7,297.28	10.59	92.31	165.20	-2,877.95	-1,573.57	6,276.31	6,230.01	46.29	135.578		
1,900.00	1,783.88	11,954.00	7,297.28	11.62	92.31	168.13	-2,877.95	-1,573.57	6,177.53	6,131.20	46.34	133.319		
2,000.00	1,863.74	11,954.00	7,297.28	12.69	92.31	170.06	-2,877.95	-1,573.57	6,079.40	6,033.03	46.37	131.093		
2,100.00	1,941.45	11,954.00	7,297.28	13.81	92.31	171.43	-2,877.95	-1,573.57	5,982.07	5,935.66	46.41	128.896		
2,200.00	2,016.92	11,954.00	7,297.28	14.98	92.31	172.44	-2,877.95	-1,573.57	5,885.70	5,839.25	46.45	126.720		
2,300.00	2,090.05	11,954.00	7,297.28	16.19	92.31	173.23	-2,877.95	-1,573.57	5,790.45	5,743.96	46.49	124.556		
2,400.00	2,160.76	11,954.00	7,297.28	17.45	92.31	173.84	-2,877.95	-1,573.57	5,696.50	5,649.96	46.54	122.394		
2,500.00	2,228.95	11,954.00	7,297.28	18.76	92.31	174.34	-2,877.95	-1,573.57	5,604.04	5,557.43	46.61	120.223		
2,600.00	2,294.55	11,954.00	7,297.28	20.11	92.31	174.76	-2,877.95	-1,573.57	5,513.26	5,466.55	46.71	118.031		
2,700.00	2,357.48	11,954.00	7,297.28	21.50	92.31	175.10	-2,877.95	-1,573.57	5,424.35	5,377.51	46.84	115.809		
2,800.00	2,417.66	11,954.00	7,297.28	22.94	92.31	175.39	-2,877.95	-1,573.57	5,337.51	5,290.51	47.01	113.551		
2,900.00	2,475.05	11,954.00	7,297.28	24.41	92.31	175.60	-2,877.95	-1,573.57	5,252.94	5,205.73	47.21	111.268		
3,000.00	2,531.40	11,954.00	7,297.28	25.89	92.31	175.60	-2,877.95	-1,573.57	5,169.62	5,122.14	47.48	108.882		
3,100.00	2,587.75	11,954.00	7,297.28	27.39	92.31	175.60	-2,877.95	-1,573.57	5,086.89	5,039.11	47.78	106.460		
3,200.00	2,644.11	11,954.00	7,297.28	28.89	92.31	175.60	-2,877.95	-1,573.57	5,004.80	4,956.68	48.12	104.014		
3,300.00	2,700.46	11,954.00	7,297.28	30.39	92.31	175.60	-2,877.95	-1,573.57	4,923.36	4,874.88	48.48	101.555		
3,400.00	2,756.81	11,954.00	7,297.28	31.89	92.31	175.60	-2,877.95	-1,573.57	4,842.62	4,793.75	48.87	99.092		
3,500.00	2,813.17	11,954.00	7,297.28	33.40	92.31	175.60	-2,877.95	-1,573.57	4,762.62	4,713.33	49.29	96.633		
3,600.00	2,869.52	11,954.00	7,297.28	34.91	92.31	175.60	-2,877.95	-1,573.57	4,683.38	4,633.65	49.73	94.184		
3,700.00	2,925.87	11,954.00	7,297.28	36.42	92.31	175.60	-2,877.95	-1,573.57	4,604.95	4,554.76	50.19	91.751		
3,800.00	2,982.22	11,954.00	7,297.28	37.93	92.31	175.60	-2,877.95	-1,573.57	4,527.37	4,476.69	50.68	89.338		
3,900.00	3,038.58	11,954.00	7,297.28	39.45	92.31	175.60	-2,877.95	-1,573.57	4,450.69	4,399.50	51.19	86.950		
4,000.00	3,094.93	11,954.00	7,297.28	40.96	92.31	175.60	-2,877.95	-1,573.57	4,374.94	4,323.22	51.72	84.590		
4,100.00	3,151.28	11,954.00	7,297.28	42.48	92.31	175.60	-2,877.95	-1,573.57	4,300.19	4,247.92	52.28	82.261		
4,200.00	3,207.63	11,954.00	7,297.28	44.00	92.31	175.60	-2,877.95	-1,573.57	4,226.48	4,173.63	52.85	79.966		
4,300.00	3,263.99	11,954.00	7,297.28	45.52	92.31	175.60	-2,877.95	-1,573.57	4,153.88	4,100.42	53.46	77.707		
4,400.00	3,320.34	11,954.00	7,297.28	47.04	92.31	175.60	-2,877.95	-1,573.57	4,082.43	4,028.35	54.08	75.489		
4,500.00	3,376.69	11,954.00	7,297.28	48.56	92.31	175.60	-2,877.95	-1,573.57	4,012.20	3,957.47	54.73	73.311		
4,600.00	3,433.05	11,954.00	7,297.28	50.08	92.31	175.60	-2,877.95	-1,573.57	3,943.25	3,887.85	55.40	71.177		
4,700.00	3,489.40	11,954.00	7,297.28	51.61	92.31	175.60	-2,877.95	-1,573.57	3,875.66	3,819.57	56.10	69.089		
4,800.00	3,545.75	11,954.00	7,297.28	53.13	92.31	175.60	-2,877.95	-1,573.57	3,809.50	3,752.68	56.82	67.048		
4,900.00	3,602.10	11,954.00	7,297.28	54.65	92.31	175.60	-2,877.95	-1,573.57	3,744.84	3,687.28	57.56	65.056		
5,000.00	3,658.46	11,954.00	7,297.28	56.18	92.31	175.60	-2,877.95	-1,573.57	3,681.76	3,623.42	58.33	63.116		
5,100.00	3,714.81	11,954.00	7,297.28	57.70	92.31	175.60	-2,877.95	-1,573.57	3,620.34	3,561.21	59.13	61.228		
5,200.00	3,771.16	11,954.00	7,297.28	59.23	92.31	175.60	-2,877.95	-1,573.57	3,560.67	3,500.72	59.95	59.395		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 125-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,300.00	3,827.51	11,923.34	7,297.60	60.75	91.79	175.83	-2,908.61	-1,573.67	3,502.71	3,442.29	60.41	57.980		
5,400.00	3,883.87	11,866.00	7,298.31	62.28	90.81	176.27	-2,965.94	-1,573.91	3,445.46	3,384.89	60.57	56.885		
5,500.00	3,940.22	11,759.31	7,299.90	63.80	88.99	177.11	-3,072.62	-1,574.48	3,388.80	3,328.67	60.13	56.355		
5,600.00	3,996.57	11,685.13	7,300.09	65.33	87.73	177.69	-3,146.77	-1,576.34	3,331.45	3,271.31	60.14	55.399		
5,700.00	4,052.93	11,594.09	7,300.23	66.86	86.21	178.38	-3,237.71	-1,580.40	3,274.30	3,214.35	59.95	54.615		
5,800.00	4,109.28	11,564.26	7,300.45	68.39	85.71	178.61	-3,267.52	-1,581.78	3,217.95	3,157.38	60.57	53.124		
5,900.00	4,165.63	11,440.80	7,302.10	69.91	83.64	179.59	-3,390.82	-1,587.73	3,162.52	3,102.48	60.04	52.671		
6,000.00	4,221.98	11,254.38	7,298.99	71.44	80.53	-178.81	-3,577.01	-1,596.07	3,104.83	3,046.09	58.74	52.858		
6,100.00	4,278.34	11,217.66	7,297.94	72.97	79.92	-178.48	-3,613.69	-1,597.67	3,046.64	2,987.25	59.39	51.302		
6,200.00	4,334.69	11,169.00	7,297.20	74.50	79.12	-178.04	-3,662.29	-1,599.70	2,989.71	2,929.78	59.93	49.889		
6,300.00	4,391.04	11,137.00	7,297.11	76.03	78.58	-177.73	-3,694.27	-1,600.82	2,934.04	2,873.31	60.73	48.313		
6,400.00	4,447.40	11,103.06	7,297.53	77.55	78.02	-177.40	-3,728.21	-1,601.58	2,879.92	2,818.36	61.56	46.781		
6,500.00	4,503.75	10,995.39	7,298.47	79.08	76.22	-176.28	-3,835.86	-1,602.81	2,826.15	2,764.60	61.55	45.917		
6,600.00	4,560.10	10,878.23	7,297.93	80.61	74.26	-174.98	-3,953.01	-1,602.97	2,771.93	2,710.41	61.52	45.057		
6,700.00	4,616.45	10,829.00	7,297.52	82.14	73.43	-174.40	-4,002.24	-1,602.49	2,718.08	2,655.70	62.39	43.569		
6,800.00	4,672.81	10,784.94	7,297.63	83.67	72.70	-173.87	-4,046.30	-1,601.94	2,665.65	2,602.26	63.39	42.055		
6,900.00	4,729.16	10,675.66	7,297.56	85.20	70.87	-172.48	-4,155.53	-1,599.00	2,613.73	2,549.95	63.78	40.979		
7,000.00	4,785.51	10,629.00	7,297.46	86.73	70.09	-171.86	-4,202.16	-1,597.30	2,562.53	2,497.57	64.95	39.451		
7,100.00	4,841.86	10,547.99	7,298.17	88.26	68.74	-170.78	-4,283.13	-1,595.17	2,512.84	2,446.97	65.87	38.149		
7,200.00	4,898.22	10,454.26	7,297.92	89.79	67.19	-169.50	-4,376.85	-1,593.80	2,462.91	2,396.14	66.77	36.888		
7,300.00	4,954.57	10,406.00	7,297.96	91.32	66.40	-168.81	-4,425.10	-1,592.78	2,414.12	2,345.90	68.22	35.388		
7,400.00	5,010.92	10,304.55	7,297.87	92.85	64.72	-167.31	-4,526.50	-1,589.53	2,366.38	2,297.02	69.36	34.118		
7,500.00	5,067.28	10,248.00	7,297.11	94.38	63.79	-166.43	-4,583.00	-1,587.51	2,318.82	2,247.81	71.01	32.656		
7,600.00	5,123.63	10,217.00	7,297.08	95.91	63.28	-165.94	-4,613.97	-1,586.16	2,273.49	2,200.54	72.95	31.166		
7,700.00	5,179.98	10,107.74	7,298.07	97.44	61.49	-164.18	-4,723.13	-1,581.46	2,229.85	2,155.33	74.52	29.924		
7,800.00	5,236.33	10,048.11	7,298.08	98.97	60.51	-163.19	-4,782.70	-1,578.90	2,186.70	2,110.16	76.54	28.570		
7,900.00	5,292.69	9,969.09	7,298.75	100.50	59.23	-161.84	-4,861.63	-1,575.36	2,145.47	2,066.86	78.60	27.295		
8,000.00	5,349.04	9,856.74	7,297.52	102.03	57.41	-159.84	-4,973.86	-1,570.27	2,104.14	2,023.40	80.74	26.060		
8,100.00	5,405.39	9,805.00	7,296.75	103.56	56.58	-158.88	-5,025.52	-1,567.60	2,064.26	1,981.01	83.25	24.797		
8,200.00	5,461.74	9,757.66	7,296.76	105.09	55.82	-158.00	-5,072.81	-1,565.39	2,026.80	1,940.95	85.85	23.610		
8,300.00	5,518.10	9,680.01	7,297.63	106.62	54.59	-156.55	-5,150.38	-1,562.02	1,991.61	1,903.12	88.49	22.506		
8,400.00	5,574.45	9,594.09	7,297.73	108.15	53.23	-154.90	-5,236.22	-1,558.28	1,957.49	1,866.19	91.30	21.441		
8,500.00	5,630.80	9,519.00	7,297.39	109.68	52.05	-153.42	-5,311.24	-1,555.26	1,924.63	1,830.39	94.23	20.424		
8,600.00	5,687.16	9,463.36	7,297.87	111.21	51.18	-152.32	-5,366.84	-1,553.08	1,894.38	1,797.15	97.23	19.483		
8,700.00	5,743.51	9,350.47	7,297.78	112.75	49.44	-150.01	-5,479.64	-1,548.75	1,865.55	1,765.09	100.46	18.570		
8,800.00	5,799.86	9,275.42	7,296.30	114.28	48.29	-148.43	-5,554.62	-1,545.71	1,837.65	1,733.89	103.76	17.711		
8,900.00	5,856.21	9,202.00	7,294.67	115.81	47.17	-146.85	-5,627.97	-1,543.14	1,811.59	1,704.47	107.12	16.912		
9,000.00	5,912.57	9,149.07	7,294.42	117.34	46.38	-145.72	-5,680.87	-1,541.40	1,788.71	1,678.32	110.38	16.204		
9,100.00	5,968.92	9,092.82	7,294.65	118.87	45.54	-144.51	-5,737.08	-1,539.38	1,768.82	1,655.16	113.65	15.563		
9,200.00	6,025.27	9,032.51	7,295.46	120.40	44.65	-143.19	-5,797.31	-1,536.38	1,752.37	1,635.43	116.94	14.985		
9,300.00	6,081.63	8,923.02	7,294.76	121.93	43.05	-140.73	-5,906.65	-1,530.94	1,737.33	1,616.65	120.68	14.396		
9,400.00	6,137.98	8,866.59	7,293.76	123.46	42.23	-139.43	-5,962.98	-1,527.80	1,724.73	1,600.77	123.96	13.914		
9,500.00	6,194.33	8,789.00	7,293.79	125.00	41.13	-137.67	-6,040.46	-1,523.63	1,715.64	1,588.30	127.33	13.473		
9,600.00	6,250.68	8,719.49	7,293.19	126.53	40.16	-136.06	-6,109.87	-1,519.82	1,708.84	1,578.27	130.57	13.088		
9,700.00	6,307.04	8,608.12	7,292.25	128.06	38.64	-133.51	-6,221.14	-1,515.62	1,703.80	1,569.63	134.17	12.698		
9,800.00	6,363.39	8,560.68	7,292.33	129.59	38.01	-132.44	-6,268.56	-1,514.39	1,701.21	1,564.33	136.88	12.428		
9,830.14	6,380.37	8,536.00	7,292.72	130.05	37.68	-131.89	-6,293.24	-1,513.79	1,701.09	1,563.30	137.78	12.346 CC		
9,900.00	6,419.74	8,508.23	7,293.43	131.12	37.32	-131.28	-6,320.99	-1,513.11	1,702.03	1,562.60	139.44	12.207 ES		
10,000.00	6,476.09	8,416.42	7,296.93	132.65	36.14	-129.29	-6,412.71	-1,511.12	1,705.73	1,563.41	142.32	11.985		
10,100.00	6,532.45	8,282.08	7,300.87	134.18	34.49	-126.39	-6,546.98	-1,511.24	1,709.84	1,564.21	145.64	11.740		
10,200.00	6,588.80	8,188.00	7,303.80	135.72	33.39	-124.40	-6,640.99	-1,513.57	1,714.90	1,566.60	148.31	11.563		
10,300.00	6,645.15	8,124.00	7,305.11	137.25	32.67	-123.04	-6,704.96	-1,514.58	1,722.57	1,572.07	150.49	11.446		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 125-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	8,043.01	7,306.27	138.78	31.80	-121.30	-6,785.94	-1,515.80	1,732.48	1,579.70	152.78	11.339		
10,500.00	6,757.86	7,947.41	7,306.42	140.31	30.82	-119.24	-6,881.53	-1,516.68	1,744.98	1,589.78	155.20	11.244		
10,600.00	6,813.28	7,823.24	7,304.03	141.87	29.66	-121.10	-7,005.61	-1,520.41	1,761.68	1,603.68	158.00	11.150 SF		
10,700.00	6,864.12	7,701.36	7,294.00	143.49	28.62	-124.26	-7,126.84	-1,527.04	1,793.00	1,632.20	160.80	11.150		
10,800.00	6,908.67	7,678.65	7,291.02	145.14	28.44	-129.11	-7,149.35	-1,527.76	1,843.42	1,681.56	161.86	11.389		
10,900.00	6,945.58	7,624.00	7,281.90	146.73	28.01	-132.31	-7,203.20	-1,528.87	1,910.15	1,746.87	163.28	11.699		
11,000.00	6,973.71	7,607.09	7,278.30	148.22	27.88	-136.61	-7,219.72	-1,529.07	1,990.01	1,826.16	163.85	12.145		
11,100.00	6,992.22	7,590.23	7,274.42	149.55	27.75	-142.18	-7,236.12	-1,529.09	2,079.92	1,915.61	164.31	12.659		
11,200.00	7,000.54	7,598.05	7,276.27	150.69	27.81	-158.29	-7,228.52	-1,529.12	2,176.20	2,011.96	164.24	13.250		
11,300.00	7,001.00	7,581.64	7,272.23	151.65	27.69	-166.26	-7,244.44	-1,529.08	2,275.13	2,110.51	164.62	13.820		
11,400.00	7,001.00	7,581.88	7,272.29	152.64	27.69	-166.31	-7,244.20	-1,529.08	2,374.26	2,209.59	164.68	14.418		
11,500.00	7,001.00	7,582.12	7,272.35	153.65	27.69	-166.35	-7,243.97	-1,529.08	2,473.46	2,308.74	164.72	15.016		
11,600.00	7,001.00	7,582.36	7,272.41	154.69	27.69	-166.40	-7,243.74	-1,529.08	2,572.72	2,407.96	164.76	15.615		
11,700.00	7,001.00	7,582.60	7,272.47	155.76	27.69	-166.44	-7,243.51	-1,529.08	2,672.04	2,507.24	164.80	16.214		
11,800.00	7,001.00	7,582.84	7,272.53	156.85	27.70	-166.49	-7,243.27	-1,529.08	2,771.41	2,606.58	164.82	16.814		
11,900.00	7,001.00	7,583.08	7,272.59	157.98	27.70	-166.53	-7,243.04	-1,529.08	2,870.82	2,705.97	164.85	17.415		
12,000.00	7,001.00	7,583.32	7,272.65	159.14	27.70	-166.58	-7,242.81	-1,529.09	2,970.26	2,805.39	164.87	18.016		
12,100.00	7,001.00	7,592.00	7,274.86	160.32	27.76	-168.20	-7,234.41	-1,529.09	3,069.76	2,905.01	164.75	18.633		
12,200.00	7,001.00	7,592.00	7,274.86	161.54	27.76	-168.20	-7,234.41	-1,529.09	3,169.28	3,004.51	164.77	19.234		
12,300.00	7,001.00	7,592.00	7,274.86	162.78	27.76	-168.20	-7,234.41	-1,529.09	3,268.82	3,104.03	164.79	19.836		
12,400.00	7,001.00	7,592.00	7,274.86	164.06	27.76	-168.20	-7,234.41	-1,529.09	3,368.40	3,203.58	164.81	20.438		
12,500.00	7,001.00	7,592.00	7,274.86	165.36	27.76	-168.20	-7,234.41	-1,529.09	3,467.99	3,303.16	164.83	21.040		
12,600.00	7,001.00	7,592.00	7,274.86	166.69	27.76	-168.20	-7,234.41	-1,529.09	3,567.61	3,402.77	164.85	21.642		
12,700.00	7,001.00	7,592.00	7,274.86	168.05	27.76	-168.20	-7,234.41	-1,529.09	3,667.26	3,502.39	164.86	22.245		
12,800.00	7,001.00	7,592.00	7,274.86	169.44	27.76	-168.20	-7,234.41	-1,529.09	3,766.92	3,602.04	164.88	22.847		
12,900.00	7,001.00	7,592.00	7,274.86	170.86	27.76	-168.20	-7,234.41	-1,529.09	3,866.59	3,701.70	164.89	23.450		
13,000.00	7,001.00	7,592.00	7,274.86	172.30	27.76	-168.20	-7,234.41	-1,529.09	3,966.29	3,801.38	164.90	24.052		
13,100.00	7,001.00	7,592.00	7,274.86	173.78	27.76	-168.20	-7,234.41	-1,529.09	4,065.99	3,901.08	164.91	24.655		
13,200.00	7,001.00	7,592.00	7,274.86	175.28	27.76	-168.20	-7,234.41	-1,529.09	4,165.72	4,000.79	164.93	25.258		
13,300.00	7,001.00	7,592.00	7,274.86	176.80	27.76	-168.20	-7,234.41	-1,529.09	4,265.45	4,100.52	164.94	25.861		
13,400.00	7,001.00	7,592.00	7,274.86	178.36	27.76	-168.20	-7,234.41	-1,529.09	4,365.20	4,200.25	164.95	26.464		
13,500.00	7,001.00	7,586.92	7,273.57	179.94	27.73	-167.25	-7,239.32	-1,529.09	4,464.96	4,299.92	165.04	27.054		
13,600.00	7,001.00	7,587.16	7,273.63	181.55	27.73	-167.30	-7,239.09	-1,529.09	4,564.73	4,399.68	165.04	27.658		
13,700.00	7,001.00	7,587.40	7,273.69	183.18	27.73	-167.34	-7,238.86	-1,529.09	4,664.51	4,499.46	165.05	28.261		
13,800.00	7,001.00	7,587.64	7,273.76	184.84	27.73	-167.39	-7,238.63	-1,529.09	4,764.30	4,599.24	165.06	28.865		
13,900.00	7,001.00	7,587.88	7,273.82	186.52	27.73	-167.43	-7,238.39	-1,529.09	4,864.09	4,699.03	165.06	29.468		
14,000.00	7,001.00	7,588.12	7,273.88	188.23	27.74	-167.48	-7,238.16	-1,529.09	4,963.90	4,798.83	165.07	30.072		
14,100.00	7,001.00	7,588.37	7,273.94	189.97	27.74	-167.52	-7,237.93	-1,529.09	5,063.71	4,898.64	165.08	30.675		
14,200.00	7,001.00	7,588.61	7,274.00	191.72	27.74	-167.57	-7,237.70	-1,529.09	5,163.53	4,998.45	165.08	31.278		
14,300.00	7,001.00	7,588.85	7,274.06	193.50	27.74	-167.61	-7,237.46	-1,529.09	5,263.36	5,098.27	165.09	31.882		
14,400.00	7,001.00	7,589.09	7,274.12	195.30	27.74	-167.66	-7,237.23	-1,529.09	5,363.19	5,198.10	165.10	32.485		
14,500.00	7,001.00	7,589.33	7,274.18	197.13	27.74	-167.70	-7,237.00	-1,529.09	5,463.03	5,297.93	165.10	33.089		
14,600.00	7,001.00	7,589.57	7,274.25	198.98	27.75	-167.75	-7,236.77	-1,529.09	5,562.88	5,397.77	165.11	33.692		
14,700.00	7,001.00	7,589.81	7,274.31	200.85	27.75	-167.79	-7,236.53	-1,529.09	5,662.73	5,497.61	165.12	34.295		
14,800.00	7,001.00	7,590.05	7,274.37	202.73	27.75	-167.84	-7,236.30	-1,529.09	5,762.59	5,597.46	165.12	34.898		
14,900.00	7,001.00	7,590.29	7,274.43	204.64	27.75	-167.88	-7,236.07	-1,529.09	5,862.45	5,697.32	165.13	35.502		
15,000.00	7,001.00	7,590.53	7,274.49	206.57	27.75	-167.93	-7,235.84	-1,529.09	5,962.31	5,797.17	165.14	36.105		
15,100.00	7,001.00	7,590.77	7,274.55	208.52	27.76	-167.97	-7,235.61	-1,529.09	6,062.18	5,897.04	165.15	36.708		
15,200.00	7,001.00	7,591.01	7,274.61	210.49	27.76	-168.02	-7,235.37	-1,529.09	6,162.06	5,996.90	165.16	37.311		
15,300.00	7,001.00	7,591.25	7,274.67	212.48	27.76	-168.06	-7,235.14	-1,529.09	6,261.94	6,096.77	165.16	37.913		
15,400.00	7,001.00	7,591.49	7,274.73	214.48	27.76	-168.11	-7,234.91	-1,529.09	6,361.82	6,196.65	165.17	38.516		
15,500.00	7,001.00	7,591.73	7,274.80	216.51	27.76	-168.15	-7,234.68	-1,529.09	6,461.70	6,296.52	165.18	39.119		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 125-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,001.00	7,591.97	7,274.86	218.55	27.76	-168.20	-7,234.44	-1,529.09	6,561.59	6,396.40	165.19	39.722		
15,700.00	7,001.00	7,592.00	7,274.86	220.60	27.76	-168.20	-7,234.41	-1,529.09	6,661.49	6,496.29	165.20	40.324		
15,800.00	7,001.00	7,592.00	7,274.86	222.68	27.76	-168.20	-7,234.41	-1,529.09	6,761.38	6,596.17	165.21	40.925		
15,900.00	7,001.00	7,592.00	7,274.86	224.76	27.76	-168.20	-7,234.41	-1,529.09	6,861.28	6,696.05	165.23	41.527		
16,000.00	7,001.00	7,592.00	7,274.86	226.87	27.76	-168.20	-7,234.41	-1,529.09	6,961.18	6,795.94	165.24	42.128		
16,100.00	7,001.00	7,592.00	7,274.86	228.99	27.76	-168.20	-7,234.41	-1,529.09	7,061.09	6,895.84	165.25	42.729		
16,200.00	7,001.00	7,592.00	7,274.86	231.12	27.76	-168.20	-7,234.41	-1,529.09	7,160.99	6,995.73	165.26	43.330		
16,300.00	7,001.00	7,592.00	7,274.86	233.27	27.76	-168.20	-7,234.41	-1,529.09	7,260.90	7,095.63	165.28	43.931		
16,400.00	7,001.00	7,592.00	7,274.86	235.43	27.76	-168.20	-7,234.41	-1,529.09	7,360.82	7,195.52	165.29	44.532		
16,500.00	7,001.00	7,592.00	7,274.86	237.61	27.76	-168.20	-7,234.41	-1,529.09	7,460.73	7,295.43	165.31	45.133		
16,600.00	7,001.00	7,592.00	7,274.86	239.79	27.76	-168.20	-7,234.41	-1,529.09	7,560.65	7,395.33	165.32	45.734		
16,700.00	7,001.00	7,592.00	7,274.86	242.00	27.76	-168.20	-7,234.41	-1,529.09	7,660.57	7,495.23	165.33	46.334		
16,800.00	7,001.00	7,592.00	7,274.86	244.21	27.76	-168.20	-7,234.41	-1,529.09	7,760.49	7,595.14	165.35	46.935		
16,900.00	7,001.00	7,592.00	7,274.86	246.43	27.76	-168.20	-7,234.41	-1,529.09	7,860.41	7,695.05	165.36	47.535		
17,000.00	7,001.00	7,592.00	7,274.86	248.67	27.76	-168.20	-7,234.41	-1,529.09	7,960.34	7,794.96	165.38	48.135		
17,100.00	7,001.00	7,592.00	7,274.86	250.92	27.76	-168.20	-7,234.41	-1,529.09	8,060.26	7,894.87	165.39	48.735		
17,200.00	7,001.00	7,592.00	7,274.86	253.18	27.76	-168.20	-7,234.41	-1,529.09	8,160.19	7,994.78	165.41	49.334		
17,300.00	7,001.00	7,592.00	7,274.86	255.45	27.76	-168.20	-7,234.41	-1,529.09	8,260.12	8,094.70	165.42	49.934		
17,400.00	7,001.00	7,592.00	7,274.86	257.73	27.76	-168.20	-7,234.41	-1,529.09	8,360.05	8,194.62	165.44	50.533		
17,500.00	7,001.00	7,592.00	7,274.86	260.02	27.76	-168.20	-7,234.41	-1,529.09	8,459.99	8,294.53	165.45	51.133		
17,600.00	7,001.00	7,592.00	7,274.86	262.32	27.76	-168.20	-7,234.41	-1,529.09	8,559.92	8,394.45	165.47	51.732		
17,700.00	7,001.00	7,592.00	7,274.86	264.63	27.76	-168.20	-7,234.41	-1,529.09	8,659.86	8,494.38	165.48	52.331		
17,800.00	7,001.00	7,592.00	7,274.86	266.95	27.76	-168.20	-7,234.41	-1,529.09	8,759.80	8,594.30	165.50	52.929		
17,900.00	7,001.00	7,592.00	7,274.86	269.28	27.76	-168.20	-7,234.41	-1,529.09	8,859.74	8,694.22	165.52	53.528		
18,000.00	7,001.00	7,592.00	7,274.86	271.61	27.76	-168.20	-7,234.41	-1,529.09	8,959.68	8,794.14	165.53	54.126		
18,100.00	7,001.00	7,592.00	7,274.86	273.96	27.76	-168.20	-7,234.41	-1,529.09	9,059.62	8,894.07	165.55	54.725		
18,200.00	7,001.00	7,592.00	7,274.86	276.31	27.76	-168.20	-7,234.41	-1,529.09	9,159.56	8,994.00	165.57	55.323		
18,300.00	7,001.00	7,592.00	7,274.86	278.67	27.76	-168.20	-7,234.41	-1,529.09	9,259.51	9,093.92	165.58	55.921		
18,400.00	7,001.00	7,592.00	7,274.86	281.04	27.76	-168.20	-7,234.41	-1,529.09	9,359.45	9,193.85	165.60	56.518		
18,500.00	7,001.00	7,592.00	7,274.86	283.42	27.76	-168.20	-7,234.41	-1,529.09	9,459.40	9,293.78	165.62	57.116		
18,600.00	7,001.00	7,592.00	7,274.86	285.80	27.76	-168.20	-7,234.41	-1,529.09	9,559.35	9,393.71	165.64	57.713		
18,700.00	7,001.00	7,592.00	7,274.86	288.19	27.76	-168.20	-7,234.41	-1,529.09	9,659.30	9,493.64	165.65	58.310		
18,800.00	7,001.00	7,592.00	7,274.86	290.59	27.76	-168.20	-7,234.41	-1,529.09	9,759.25	9,593.58	165.67	58.907		
18,900.00	7,001.00	7,592.00	7,274.86	293.00	27.76	-168.20	-7,234.41	-1,529.09	9,859.20	9,693.51	165.69	59.504		
19,000.00	7,001.00	7,592.00	7,274.86	295.41	27.76	-168.20	-7,234.41	-1,529.09	9,959.15	9,793.44	165.71	60.101		
19,100.00	7,001.00	7,592.00	7,274.86	297.83	27.76	-168.20	-7,234.41	-1,529.09	10,059.10	9,893.38	165.73	60.697		
19,200.00	7,001.00	7,592.00	7,274.86	300.25	27.76	-168.20	-7,234.41	-1,529.09	10,159.06	9,993.31	165.75	61.293		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 152-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	11,813.00	7,128.31	0.00	92.16	-164.31	-2,880.81	-809.05	7,755.78				
100.00	100.00	11,813.00	7,128.31	0.27	92.16	-164.31	-2,880.81	-809.05	7,663.62	7,621.65	41.97	182.603	
200.00	199.98	11,813.00	7,128.31	0.62	92.16	-9.93	-2,880.81	-809.05	7,570.99	7,529.01	41.98	180.339	
300.00	299.84	11,813.00	7,128.31	0.97	92.16	-10.90	-2,880.81	-809.05	7,477.30	7,435.28	42.02	177.945	
400.00	399.45	11,813.00	7,128.31	1.34	92.16	-12.08	-2,880.81	-809.05	7,382.60	7,340.53	42.07	175.502	
500.00	498.70	11,813.00	7,128.31	1.74	92.16	-13.53	-2,880.81	-809.05	7,286.98	7,244.87	42.12	173.022	
600.00	597.47	11,813.00	7,128.31	2.17	92.16	-15.35	-2,880.81	-809.05	7,190.53	7,148.36	42.17	170.513	
700.00	695.62	11,813.00	7,128.31	2.62	92.16	-17.71	-2,880.81	-809.05	7,093.32	7,051.10	42.23	167.985	
800.00	793.06	11,813.00	7,128.31	3.12	92.16	-20.86	-2,880.81	-809.05	6,995.45	6,953.17	42.28	165.444	
900.00	889.64	11,813.00	7,128.31	3.65	92.16	-25.24	-2,880.81	-809.05	6,897.01	6,854.67	42.34	162.899	
1,000.00	985.27	11,813.00	7,128.31	4.23	92.16	-31.64	-2,880.81	-809.05	6,798.10	6,755.71	42.39	160.353	
1,100.00	1,079.82	11,813.00	7,128.31	4.85	92.16	-41.51	-2,880.81	-809.05	6,698.83	6,656.38	42.45	157.813	
1,200.00	1,173.17	11,813.00	7,128.31	5.52	92.16	-57.26	-2,880.81	-809.05	6,599.28	6,556.79	42.50	155.282	
1,300.00	1,265.21	11,813.00	7,128.31	6.24	92.16	-80.77	-2,880.81	-809.05	6,499.59	6,457.05	42.55	152.764	
1,400.00	1,355.84	11,813.00	7,128.31	7.01	92.16	-107.27	-2,880.81	-809.05	6,399.87	6,357.28	42.59	150.259	
1,500.00	1,444.94	11,813.00	7,128.31	7.83	92.16	-127.83	-2,880.81	-809.05	6,300.24	6,257.60	42.64	147.770	
1,600.00	1,532.39	11,813.00	7,128.31	8.70	92.16	-140.98	-2,880.81	-809.05	6,200.83	6,158.15	42.68	145.296	
1,700.00	1,618.11	11,813.00	7,128.31	9.62	92.16	-149.27	-2,880.81	-809.05	6,101.77	6,059.05	42.72	142.834	
1,800.00	1,701.97	11,813.00	7,128.31	10.59	92.16	-154.76	-2,880.81	-809.05	6,003.20	5,960.44	42.76	140.383	
1,900.00	1,783.88	11,813.00	7,128.31	11.62	92.16	-158.59	-2,880.81	-809.05	5,905.28	5,862.47	42.81	137.936	
2,000.00	1,863.74	11,813.00	7,128.31	12.69	92.16	-161.39	-2,880.81	-809.05	5,808.16	5,765.29	42.87	135.487	
2,100.00	1,941.45	11,813.00	7,128.31	13.81	92.16	-163.50	-2,880.81	-809.05	5,711.99	5,669.05	42.94	133.028	
2,200.00	2,016.92	11,813.00	7,128.31	14.98	92.16	-165.16	-2,880.81	-809.05	5,616.96	5,573.93	43.03	130.549	
2,300.00	2,090.05	11,813.00	7,128.31	16.19	92.16	-166.48	-2,880.81	-809.05	5,523.23	5,480.09	43.14	128.040	
2,400.00	2,160.76	11,813.00	7,128.31	17.45	92.16	-167.55	-2,880.81	-809.05	5,430.99	5,387.71	43.28	125.490	
2,500.00	2,228.95	11,813.00	7,128.31	18.76	92.16	-168.44	-2,880.81	-809.05	5,340.43	5,296.98	43.46	122.891	
2,600.00	2,294.55	11,813.00	7,128.31	20.11	92.16	-169.18	-2,880.81	-809.05	5,251.76	5,208.09	43.68	120.237	
2,700.00	2,357.48	11,813.00	7,128.31	21.50	92.16	-169.81	-2,880.81	-809.05	5,165.18	5,121.23	43.95	117.524	
2,800.00	2,417.66	11,813.00	7,128.31	22.94	92.16	-170.35	-2,880.81	-809.05	5,080.91	5,036.63	44.28	114.755	
2,900.00	2,475.05	11,813.00	7,128.31	24.41	92.16	-170.75	-2,880.81	-809.05	4,999.14	4,954.49	44.66	111.948	
3,000.00	2,531.40	11,813.00	7,128.31	25.89	92.16	-170.75	-2,880.81	-809.05	4,918.78	4,873.68	45.11	109.050	
3,100.00	2,587.75	11,813.00	7,128.31	27.39	92.16	-170.75	-2,880.81	-809.05	4,839.16	4,793.56	45.59	106.134	
3,200.00	2,644.11	11,813.00	7,128.31	28.89	92.16	-170.75	-2,880.81	-809.05	4,760.30	4,714.18	46.12	103.214	
3,300.00	2,700.46	11,813.00	7,128.31	30.39	92.16	-170.75	-2,880.81	-809.05	4,682.25	4,635.57	46.68	100.301	
3,400.00	2,756.81	11,813.00	7,128.31	31.89	92.16	-170.75	-2,880.81	-809.05	4,605.05	4,557.78	47.28	97.406	
3,500.00	2,813.17	11,813.00	7,128.31	33.40	92.16	-170.75	-2,880.81	-809.05	4,528.74	4,480.84	47.91	94.535	
3,600.00	2,869.52	11,813.00	7,128.31	34.91	92.16	-170.75	-2,880.81	-809.05	4,453.37	4,404.81	48.57	91.695	
3,700.00	2,925.87	11,813.00	7,128.31	36.42	92.16	-170.75	-2,880.81	-809.05	4,378.99	4,329.73	49.26	88.891	
3,800.00	2,982.22	11,813.00	7,128.31	37.93	92.16	-170.75	-2,880.81	-809.05	4,305.65	4,255.65	49.99	86.130	
3,900.00	3,038.58	11,813.00	7,128.31	39.45	92.16	-170.75	-2,880.81	-809.05	4,233.39	4,182.64	50.75	83.414	
4,000.00	3,094.93	11,813.00	7,128.31	40.96	92.16	-170.75	-2,880.81	-809.05	4,162.28	4,110.74	51.55	80.748	
4,100.00	3,151.28	11,813.00	7,128.31	42.48	92.16	-170.75	-2,880.81	-809.05	4,092.39	4,040.01	52.38	78.135	
4,200.00	3,207.63	11,813.00	7,128.31	44.00	92.16	-170.75	-2,880.81	-809.05	4,023.76	3,970.52	53.24	75.578	
4,300.00	3,263.99	11,813.00	7,128.31	45.52	92.16	-170.75	-2,880.81	-809.05	3,956.47	3,902.33	54.14	73.081	
4,400.00	3,320.34	11,813.00	7,128.31	47.04	92.16	-170.75	-2,880.81	-809.05	3,890.59	3,835.52	55.07	70.645	
4,500.00	3,376.69	11,813.00	7,128.31	48.56	92.16	-170.75	-2,880.81	-809.05	3,826.19	3,770.14	56.04	68.273	
4,600.00	3,433.05	11,813.00	7,128.31	50.08	92.16	-170.75	-2,880.81	-809.05	3,763.34	3,706.29	57.05	65.968	
4,700.00	3,489.40	11,813.00	7,128.31	51.61	92.16	-170.75	-2,880.81	-809.05	3,702.13	3,644.04	58.09	63.731	
4,800.00	3,545.75	11,813.00	7,128.31	53.13	92.16	-170.75	-2,880.81	-809.05	3,642.63	3,583.46	59.17	61.565	
4,900.00	3,602.10	11,813.00	7,128.31	54.65	92.16	-170.75	-2,880.81	-809.05	3,584.94	3,524.66	60.28	59.471	
5,000.00	3,658.46	11,813.00	7,128.31	56.18	92.16	-170.75	-2,880.81	-809.05	3,529.13	3,467.70	61.43	57.451	
5,100.00	3,714.81	11,813.00	7,128.31	57.70	92.16	-170.75	-2,880.81	-809.05	3,475.31	3,412.70	62.61	55.506	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 152-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	3,771.16	11,813.00	7,128.31	59.23	92.16	-170.75	-2,880.81	-809.05	3,423.57	3,359.74	63.83	53.639	
5,300.00	3,827.51	11,813.00	7,128.31	60.75	92.16	-170.75	-2,880.81	-809.05	3,373.99	3,308.92	65.07	51.850	
5,400.00	3,883.87	11,716.97	7,130.02	62.28	90.51	-169.79	-2,976.80	-807.31	3,326.02	3,260.45	65.58	50.719	
5,500.00	3,940.22	11,617.62	7,130.44	63.80	88.81	-168.75	-3,076.11	-804.88	3,277.63	3,211.49	66.14	49.553	
5,600.00	3,996.57	11,527.47	7,130.87	65.33	87.28	-167.83	-3,166.25	-805.43	3,229.50	3,162.68	66.81	48.336	
5,700.00	4,052.93	11,441.00	7,131.07	66.86	85.81	-166.94	-3,252.71	-807.15	3,181.58	3,114.01	67.56	47.089	
5,800.00	4,109.28	11,369.81	7,131.32	68.39	84.60	-166.19	-3,323.88	-808.29	3,134.44	3,065.93	68.51	45.750	
5,900.00	4,165.63	11,274.48	7,131.97	69.91	83.00	-165.20	-3,419.14	-812.14	3,087.78	3,018.48	69.30	44.558	
6,000.00	4,221.98	11,163.05	7,131.75	71.44	81.13	-164.02	-3,530.45	-817.23	3,040.98	2,970.95	70.03	43.426	
6,100.00	4,278.34	11,104.50	7,131.61	72.97	80.15	-163.39	-3,588.89	-820.67	2,994.56	2,923.33	71.23	42.039	
6,200.00	4,334.69	11,047.39	7,132.13	74.50	79.20	-162.78	-3,645.86	-824.56	2,949.40	2,876.90	72.50	40.683	
6,300.00	4,391.04	10,986.17	7,132.80	76.03	78.18	-162.12	-3,706.96	-828.46	2,905.20	2,831.40	73.80	39.366	
6,400.00	4,447.40	10,946.98	7,133.70	77.55	77.52	-161.68	-3,746.07	-830.80	2,862.62	2,787.29	75.33	38.000	
6,500.00	4,503.75	10,807.00	7,135.31	79.08	75.20	-160.07	-3,885.82	-838.36	2,819.87	2,743.65	76.22	36.997	
6,600.00	4,560.10	10,712.00	7,136.08	80.61	73.63	-158.96	-3,980.59	-844.91	2,777.55	2,700.07	77.48	35.847	
6,700.00	4,616.45	10,614.69	7,135.83	82.14	72.03	-157.78	-4,077.70	-851.13	2,735.38	2,656.54	78.84	34.695	
6,800.00	4,672.81	10,539.33	7,135.70	83.67	70.79	-156.86	-4,152.83	-856.96	2,693.71	2,613.31	80.41	33.502	
6,900.00	4,729.16	10,490.00	7,135.06	85.20	69.98	-156.21	-4,202.12	-858.78	2,653.36	2,571.08	82.29	32.245	
7,000.00	4,785.51	10,427.00	7,134.02	86.73	68.94	-155.33	-4,265.11	-859.28	2,614.68	2,530.46	84.22	31.046	
7,100.00	4,841.86	10,395.00	7,133.65	88.26	68.41	-154.87	-4,297.10	-858.95	2,577.98	2,491.62	86.36	29.853	
7,200.00	4,898.22	10,332.00	7,132.97	89.79	67.36	-153.94	-4,360.09	-857.82	2,542.97	2,454.51	88.46	28.746	
7,300.00	4,954.57	10,236.00	7,131.60	91.32	65.77	-152.47	-4,456.01	-854.34	2,509.80	2,419.16	90.63	27.692	
7,400.00	5,010.92	10,205.00	7,130.87	92.85	65.26	-151.98	-4,486.96	-852.77	2,477.91	2,384.93	92.98	26.651	
7,500.00	5,067.28	10,157.09	7,130.29	94.38	64.47	-151.22	-4,534.80	-850.21	2,448.44	2,353.10	95.34	25.682	
7,600.00	5,123.63	10,047.00	7,130.62	95.91	62.66	-149.48	-4,644.78	-845.48	2,421.29	2,323.57	97.72	24.779	
7,700.00	5,179.98	9,983.18	7,129.81	97.44	61.62	-148.44	-4,708.50	-842.02	2,394.94	2,294.74	100.20	23.902	
7,800.00	5,236.33	9,889.00	7,128.25	98.97	60.09	-146.88	-4,802.55	-837.41	2,369.96	2,267.20	102.76	23.063	
7,900.00	5,292.69	9,857.00	7,127.69	100.50	59.57	-146.34	-4,834.51	-835.85	2,346.70	2,241.44	105.25	22.295	
8,000.00	5,349.04	9,779.57	7,126.86	102.03	58.31	-145.03	-4,911.78	-831.01	2,326.23	2,218.36	107.87	21.564	
8,100.00	5,405.39	9,649.47	7,125.37	103.56	56.23	-142.84	-5,041.79	-826.57	2,306.22	2,195.64	110.58	20.855	
8,200.00	5,461.74	9,572.00	7,125.18	105.09	55.00	-141.57	-5,119.25	-826.80	2,286.73	2,173.61	113.12	20.215	
8,300.00	5,518.10	9,541.00	7,125.50	106.62	54.51	-141.06	-5,150.25	-826.39	2,270.27	2,154.70	115.57	19.645	
8,400.00	5,574.45	9,433.70	7,126.17	108.15	52.83	-139.27	-5,257.53	-825.52	2,255.33	2,137.15	118.17	19.085	
8,500.00	5,630.80	9,378.01	7,126.23	109.68	51.96	-138.32	-5,313.22	-824.42	2,242.61	2,121.95	120.66	18.586	
8,600.00	5,687.16	9,253.64	7,126.42	111.21	50.04	-136.21	-5,437.57	-823.09	2,231.70	2,108.37	123.33	18.095	
8,700.00	5,743.51	9,181.78	7,126.61	112.75	48.94	-135.00	-5,509.42	-824.02	2,221.14	2,095.36	125.78	17.659	
8,800.00	5,799.86	9,119.20	7,126.10	114.28	47.99	-133.92	-5,572.00	-823.81	2,212.93	2,084.74	128.19	17.263	
8,900.00	5,856.21	9,064.00	7,125.68	115.81	47.16	-132.96	-5,627.20	-823.26	2,207.14	2,076.63	130.51	16.912	
9,000.00	5,912.57	8,984.97	7,125.49	117.34	45.98	-131.59	-5,706.21	-821.97	2,204.01	2,071.13	132.87	16.587	
9,100.00	5,968.92	8,913.22	7,125.57	118.87	44.92	-130.35	-5,777.96	-821.74	2,202.21	2,067.09	135.12	16.299	
9,115.66	5,977.74	8,906.00	7,125.60	119.11	44.82	-130.23	-5,785.18	-821.68	2,202.18	2,066.74	135.44	16.260 CC	
9,200.00	6,025.27	8,837.69	7,126.16	120.40	43.82	-129.05	-5,853.49	-820.83	2,203.23	2,065.92	137.30	16.046 ES	
9,300.00	6,081.63	8,796.80	7,126.48	121.93	43.23	-128.35	-5,894.37	-820.49	2,206.12	2,066.94	139.18	15.851	
9,400.00	6,137.98	8,731.62	7,127.15	123.46	42.29	-127.22	-5,959.52	-818.52	2,212.31	2,071.20	141.12	15.677	
9,500.00	6,194.33	8,666.98	7,128.48	125.00	41.37	-126.13	-6,024.13	-817.29	2,220.18	2,077.24	142.93	15.533	
9,600.00	6,250.68	8,570.50	7,131.19	126.53	40.03	-124.51	-6,120.54	-815.14	2,230.46	2,085.55	144.91	15.392	
9,700.00	6,307.04	8,493.00	7,133.22	128.06	38.96	-123.22	-6,198.01	-814.58	2,241.38	2,094.74	146.64	15.285	
9,800.00	6,363.39	8,461.00	7,133.77	129.59	38.53	-122.69	-6,229.99	-813.69	2,255.26	2,107.39	147.88	15.251	
9,900.00	6,419.74	8,395.22	7,134.49	131.12	37.66	-121.57	-6,295.70	-810.88	2,271.94	2,122.60	149.33	15.214	
10,000.00	6,476.09	8,334.00	7,134.91	132.65	36.86	-120.54	-6,356.88	-808.54	2,290.17	2,139.53	150.64	15.203	
10,100.00	6,532.45	8,260.49	7,135.61	134.18	35.93	-119.31	-6,430.29	-804.85	2,311.03	2,159.04	151.99	15.205	
10,200.00	6,588.80	8,164.12	7,136.51	135.72	34.73	-117.72	-6,526.54	-800.07	2,333.73	2,180.19	153.54	15.200	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 152-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,645.15	8,053.56	7,137.28	137.25	33.42	-115.92	-6,637.02	-796.18	2,357.08	2,201.89	155.18	15.189 SF		
10,400.00	6,701.51	7,978.36	7,137.32	138.78	32.57	-114.71	-6,712.18	-793.93	2,381.50	2,225.15	156.35	15.231		
10,500.00	6,757.86	7,844.11	7,137.87	140.31	31.13	-112.60	-6,846.42	-792.93	2,405.71	2,247.52	158.19	15.208		
10,600.00	6,813.28	7,808.00	7,137.50	141.87	30.77	-116.64	-6,882.52	-792.89	2,435.22	2,276.43	158.79	15.336		
10,700.00	6,864.12	7,702.22	7,133.12	143.49	29.74	-120.89	-6,988.19	-790.80	2,482.36	2,322.05	160.31	15.485		
10,800.00	6,908.67	7,673.21	7,131.65	145.14	29.47	-125.68	-7,017.16	-790.52	2,544.35	2,383.56	160.79	15.824		
10,900.00	6,945.58	7,654.71	7,130.55	146.73	29.30	-130.17	-7,035.62	-790.10	2,620.36	2,459.28	161.08	16.267		
11,000.00	6,973.71	7,615.45	7,128.08	148.22	28.96	-133.99	-7,074.79	-789.06	2,707.11	2,545.45	161.66	16.746		
11,100.00	6,992.22	7,594.00	7,126.66	149.55	28.77	-140.26	-7,096.18	-788.52	2,801.30	2,639.32	161.97	17.295		
11,200.00	7,000.54	7,594.00	7,126.66	150.69	28.77	-169.73	-7,096.18	-788.52	2,899.84	2,737.86	161.98	17.902		
11,300.00	7,001.00	7,594.00	7,126.66	151.65	28.77	153.29	-7,096.18	-788.52	2,999.65	2,837.65	162.01	18.516		
11,400.00	7,001.00	7,594.00	7,126.66	152.64	28.77	153.29	-7,096.18	-788.52	3,099.49	2,937.47	162.03	19.129		
11,500.00	7,001.00	7,594.00	7,126.66	153.65	28.77	153.29	-7,096.18	-788.52	3,199.35	3,037.30	162.05	19.743		
11,600.00	7,001.00	7,594.00	7,126.66	154.69	28.77	153.29	-7,096.18	-788.52	3,299.21	3,137.14	162.07	20.357		
11,700.00	7,001.00	7,595.48	7,126.76	155.76	28.79	152.86	-7,094.70	-788.56	3,399.08	3,237.01	162.07	20.973		
11,800.00	7,001.00	7,598.83	7,126.99	156.85	28.82	151.91	-7,091.36	-788.64	3,498.95	3,336.91	162.04	21.593		
11,900.00	7,001.00	7,602.23	7,127.21	157.98	28.84	150.97	-7,087.97	-788.73	3,598.83	3,436.82	162.01	22.213		
12,000.00	7,001.00	7,605.68	7,127.44	159.14	28.87	150.03	-7,084.53	-788.81	3,698.71	3,536.73	161.98	22.834		
12,100.00	7,001.00	7,609.18	7,127.67	160.32	28.90	149.10	-7,081.04	-788.90	3,798.60	3,636.65	161.95	23.455		
12,200.00	7,001.00	7,612.74	7,127.90	161.54	28.93	148.18	-7,077.49	-788.99	3,898.49	3,736.57	161.92	24.076		
12,300.00	7,001.00	7,616.34	7,128.14	162.78	28.97	147.26	-7,073.90	-789.08	3,998.39	3,836.49	161.89	24.698		
12,400.00	7,001.00	7,620.00	7,128.37	164.06	29.00	146.35	-7,070.24	-789.18	4,098.28	3,936.42	161.86	25.320		
12,500.00	7,001.00	7,623.72	7,128.61	165.36	29.03	145.45	-7,066.53	-789.27	4,198.18	4,036.35	161.83	25.942		
12,600.00	7,001.00	7,627.50	7,128.84	166.69	29.06	144.55	-7,062.77	-789.37	4,298.08	4,136.28	161.80	26.565		
12,700.00	7,001.00	7,631.11	7,129.07	168.05	29.09	143.72	-7,059.16	-789.47	4,397.98	4,236.22	161.77	27.187		
12,800.00	7,001.00	7,634.86	7,129.31	169.44	29.13	142.87	-7,055.42	-789.56	4,497.89	4,336.15	161.74	27.810		
12,900.00	7,001.00	7,638.68	7,129.54	170.86	29.16	142.03	-7,051.61	-789.67	4,597.80	4,436.09	161.70	28.433		
13,000.00	7,001.00	7,642.55	7,129.79	172.30	29.20	141.20	-7,047.75	-789.77	4,697.71	4,536.03	161.67	29.057		
13,100.00	7,001.00	7,646.47	7,130.03	173.78	29.23	140.38	-7,043.83	-789.88	4,797.62	4,635.98	161.64	29.681		
13,200.00	7,001.00	7,650.46	7,130.28	175.28	29.27	139.57	-7,039.85	-789.99	4,897.53	4,735.92	161.61	30.305		
13,300.00	7,001.00	7,654.52	7,130.54	176.80	29.30	138.77	-7,035.81	-790.10	4,997.44	4,835.87	161.57	30.930		
13,400.00	7,001.00	7,658.63	7,130.80	178.36	29.34	137.98	-7,031.70	-790.21	5,097.35	4,935.82	161.54	31.555		
13,500.00	7,001.00	7,656.00	7,130.63	179.94	29.31	138.48	-7,034.33	-790.14	5,197.27	5,035.68	161.59	32.164		
13,600.00	7,001.00	7,656.00	7,130.63	181.55	29.31	138.48	-7,034.33	-790.14	5,297.19	5,135.59	161.61	32.778		
13,700.00	7,001.00	7,656.00	7,130.63	183.18	29.31	138.48	-7,034.33	-790.14	5,397.12	5,235.49	161.62	33.393		
13,800.00	7,001.00	7,656.00	7,130.63	184.84	29.31	138.48	-7,034.33	-790.14	5,497.04	5,335.40	161.64	34.008		
13,900.00	7,001.00	7,656.00	7,130.63	186.52	29.31	138.48	-7,034.33	-790.14	5,596.97	5,435.31	161.66	34.622		
14,000.00	7,001.00	7,656.00	7,130.63	188.23	29.31	138.48	-7,034.33	-790.14	5,696.90	5,535.23	161.68	35.237		
14,100.00	7,001.00	7,656.00	7,130.63	189.97	29.31	138.48	-7,034.33	-790.14	5,796.84	5,635.14	161.69	35.851		
14,200.00	7,001.00	7,656.00	7,130.63	191.72	29.31	138.48	-7,034.33	-790.14	5,896.77	5,735.06	161.71	36.465		
14,300.00	7,001.00	7,656.00	7,130.63	193.50	29.31	138.48	-7,034.33	-790.14	5,996.71	5,834.98	161.73	37.079		
14,400.00	7,001.00	7,656.00	7,130.63	195.30	29.31	138.48	-7,034.33	-790.14	6,096.65	5,934.91	161.74	37.693		
14,500.00	7,001.00	7,656.00	7,130.63	197.13	29.31	138.48	-7,034.33	-790.14	6,196.59	6,034.83	161.76	38.307		
14,600.00	7,001.00	7,656.00	7,130.63	198.98	29.31	138.48	-7,034.33	-790.14	6,296.54	6,134.76	161.78	38.921		
14,700.00	7,001.00	7,656.00	7,130.63	200.85	29.31	138.48	-7,034.33	-790.14	6,396.48	6,234.69	161.79	39.535		
14,800.00	7,001.00	7,656.00	7,130.63	202.73	29.31	138.48	-7,034.33	-790.14	6,496.43	6,334.62	161.81	40.148		
14,900.00	7,001.00	7,656.00	7,130.63	204.64	29.31	138.48	-7,034.33	-790.14	6,596.38	6,434.55	161.83	40.761		
15,000.00	7,001.00	7,656.00	7,130.63	206.57	29.31	138.48	-7,034.33	-790.14	6,696.33	6,534.48	161.85	41.375		
15,100.00	7,001.00	7,656.00	7,130.63	208.52	29.31	138.48	-7,034.33	-790.14	6,796.28	6,634.42	161.86	41.988		
15,200.00	7,001.00	7,656.00	7,130.63	210.49	29.31	138.48	-7,034.33	-790.14	6,896.23	6,734.35	161.88	42.601		
15,300.00	7,001.00	7,656.00	7,130.63	212.48	29.31	138.48	-7,034.33	-790.14	6,996.19	6,834.29	161.90	43.214		
15,400.00	7,001.00	7,656.00	7,130.63	214.48	29.31	138.48	-7,034.33	-790.14	7,096.14	6,934.23	161.92	43.826		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 152-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,001.00	7,656.00	7,130.63	216.51	29.31	138.48	-7,034.33	-790.14	7,196.10	7,034.17	161.93	44.439	
15,600.00	7,001.00	7,656.00	7,130.63	218.55	29.31	138.48	-7,034.33	-790.14	7,296.06	7,134.11	161.95	45.051	
15,700.00	7,001.00	7,656.00	7,130.63	220.60	29.31	138.48	-7,034.33	-790.14	7,396.02	7,234.05	161.97	45.663	
15,800.00	7,001.00	7,668.68	7,131.40	222.68	29.43	136.13	-7,021.68	-790.44	7,495.92	7,334.08	161.84	46.317	
15,900.00	7,001.00	7,669.05	7,131.42	224.76	29.43	136.06	-7,021.31	-790.45	7,595.88	7,434.02	161.85	46.931	
16,000.00	7,001.00	7,669.41	7,131.44	226.87	29.44	136.00	-7,020.95	-790.46	7,695.84	7,533.97	161.87	47.544	
16,100.00	7,001.00	7,669.77	7,131.46	228.99	29.44	135.93	-7,020.59	-790.46	7,795.80	7,633.91	161.88	48.157	
16,200.00	7,001.00	7,670.11	7,131.48	231.12	29.44	135.87	-7,020.25	-790.47	7,895.76	7,733.86	161.90	48.771	
16,300.00	7,001.00	7,670.45	7,131.50	233.27	29.45	135.81	-7,019.91	-790.48	7,995.72	7,833.81	161.91	49.384	
16,400.00	7,001.00	7,670.78	7,131.52	235.43	29.45	135.75	-7,019.58	-790.48	8,095.68	7,933.76	161.93	49.996	
16,500.00	7,001.00	7,671.11	7,131.53	237.61	29.45	135.70	-7,019.26	-790.49	8,195.64	8,033.70	161.94	50.609	
16,600.00	7,001.00	7,671.42	7,131.55	239.79	29.45	135.64	-7,018.94	-790.49	8,295.61	8,133.65	161.96	51.221	
16,700.00	7,001.00	7,671.73	7,131.57	242.00	29.46	135.59	-7,018.63	-790.50	8,395.57	8,233.60	161.97	51.834	
16,800.00	7,001.00	7,672.04	7,131.59	244.21	29.46	135.53	-7,018.32	-790.50	8,495.54	8,333.55	161.99	52.446	
16,900.00	7,001.00	7,672.34	7,131.60	246.43	29.46	135.48	-7,018.02	-790.51	8,595.51	8,433.50	162.00	53.058	
17,000.00	7,001.00	7,672.63	7,131.62	248.67	29.47	135.43	-7,017.73	-790.51	8,695.47	8,533.45	162.02	53.669	
17,100.00	7,001.00	7,672.92	7,131.64	250.92	29.47	135.38	-7,017.44	-790.52	8,795.44	8,633.41	162.04	54.281	
17,200.00	7,001.00	7,673.20	7,131.65	253.18	29.47	135.33	-7,017.16	-790.52	8,895.41	8,733.36	162.05	54.892	
17,300.00	7,001.00	7,686.00	7,132.33	255.45	29.59	133.20	-7,004.38	-790.69	8,995.44	8,833.51	161.93	55.552	
17,400.00	7,001.00	7,686.00	7,132.33	257.73	29.59	133.20	-7,004.38	-790.69	9,095.40	8,933.46	161.95	56.163	
17,500.00	7,001.00	7,686.00	7,132.33	260.02	29.59	133.20	-7,004.38	-790.69	9,195.37	9,033.40	161.97	56.773	
17,600.00	7,001.00	7,686.00	7,132.33	262.32	29.59	133.20	-7,004.38	-790.69	9,295.34	9,133.35	161.99	57.383	
17,700.00	7,001.00	7,686.00	7,132.33	264.63	29.59	133.20	-7,004.38	-790.69	9,395.31	9,233.30	162.01	57.993	
17,800.00	7,001.00	7,686.00	7,132.33	266.95	29.59	133.20	-7,004.38	-790.69	9,495.28	9,333.25	162.03	58.602	
17,900.00	7,001.00	7,686.00	7,132.33	269.28	29.59	133.20	-7,004.38	-790.69	9,595.25	9,433.20	162.05	59.212	
18,000.00	7,001.00	7,686.00	7,132.33	271.61	29.59	133.20	-7,004.38	-790.69	9,695.22	9,533.15	162.07	59.821	
18,100.00	7,001.00	7,686.00	7,132.33	273.96	29.59	133.20	-7,004.38	-790.69	9,795.19	9,633.10	162.09	60.430	
18,200.00	7,001.00	7,686.00	7,132.33	276.31	29.59	133.20	-7,004.38	-790.69	9,895.17	9,733.05	162.11	61.038	
18,300.00	7,001.00	7,686.00	7,132.33	278.67	29.59	133.20	-7,004.38	-790.69	9,995.14	9,833.00	162.13	61.647	
18,400.00	7,001.00	7,686.00	7,132.33	281.04	29.59	133.20	-7,004.38	-790.69	10,095.11	9,932.96	162.16	62.255	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	12.00	12.00	0.00	0.02	-95.26	-217.01	-2,357.82	2,367.78					
100.00	100.00	112.00	112.00	0.27	0.19	-95.26	-217.01	-2,357.82	2,367.78	2,367.32	0.46	5,120.319		
200.00	199.98	211.98	211.98	0.62	0.55	59.99	-217.01	-2,357.82	2,366.91	2,365.74	1.17	2,027.460		
300.00	299.84	311.84	311.84	0.97	0.91	60.14	-217.01	-2,357.82	2,364.29	2,362.41	1.88	1,257.554		
400.00	399.45	411.45	411.45	1.34	1.27	60.40	-217.01	-2,357.82	2,359.96	2,357.35	2.61	904.465		
500.00	498.70	510.70	510.70	1.74	1.62	60.76	-217.01	-2,357.82	2,353.94	2,350.58	3.36	701.452		
600.00	597.47	609.47	609.47	2.17	1.98	61.23	-217.01	-2,357.82	2,346.28	2,342.16	4.12	569.037		
700.00	695.62	707.62	707.62	2.62	2.33	61.79	-217.01	-2,357.82	2,337.05	2,332.13	4.92	475.447		
800.00	793.06	805.06	805.06	3.12	2.68	62.46	-217.01	-2,357.82	2,326.32	2,320.58	5.74	405.536		
900.00	889.64	901.64	901.64	3.65	3.02	63.23	-217.01	-2,357.82	2,314.18	2,307.59	6.59	351.179		
1,000.00	985.27	997.27	997.27	4.23	3.37	64.10	-217.01	-2,357.82	2,300.74	2,293.26	7.48	307.626		
1,100.00	1,079.82	1,091.82	1,091.82	4.85	3.71	65.07	-217.01	-2,357.82	2,286.12	2,277.72	8.41	271.916		
1,200.00	1,173.17	1,185.17	1,185.17	5.52	4.04	66.14	-217.01	-2,357.82	2,270.46	2,261.09	9.38	242.105		
1,300.00	1,265.21	1,277.21	1,277.21	6.24	4.37	67.29	-217.01	-2,357.82	2,253.92	2,243.52	10.39	216.861		
1,400.00	1,355.84	1,367.84	1,367.84	7.01	4.70	68.54	-217.01	-2,357.82	2,236.65	2,225.19	11.46	195.238		
1,500.00	1,444.94	1,456.94	1,456.94	7.83	5.01	69.87	-217.01	-2,357.82	2,218.85	2,206.28	12.57	176.548		
1,600.00	1,532.39	1,544.39	1,544.39	8.70	5.33	71.27	-217.01	-2,357.82	2,200.71	2,186.98	13.73	160.274		
1,700.00	1,618.11	1,630.11	1,630.11	9.62	5.64	72.74	-217.01	-2,357.82	2,182.46	2,167.51	14.95	146.020		
1,800.00	1,701.97	1,713.97	1,713.97	10.59	5.94	74.26	-217.01	-2,357.82	2,164.33	2,148.11	16.21	133.478		
1,900.00	1,783.88	1,795.88	1,795.88	11.62	6.23	75.84	-217.01	-2,357.82	2,146.56	2,129.02	17.54	122.403		
2,000.00	1,863.74	1,875.74	1,875.74	12.69	6.52	77.45	-217.01	-2,357.82	2,129.41	2,110.50	18.91	112.598		
2,100.00	1,941.45	1,953.45	1,953.45	13.81	6.79	79.08	-217.01	-2,357.82	2,113.17	2,092.84	20.34	103.901		
2,200.00	2,016.92	2,028.92	2,028.92	14.98	7.07	80.72	-217.01	-2,357.82	2,098.12	2,076.31	21.81	96.181		
2,300.00	2,090.05	2,102.05	2,102.05	16.19	7.33	82.36	-217.01	-2,357.82	2,084.54	2,061.21	23.34	89.327		
2,400.00	2,160.76	2,172.76	2,172.76	17.45	7.58	83.97	-217.01	-2,357.82	2,072.75	2,047.85	24.90	83.244		
2,500.00	2,228.95	2,240.95	2,240.95	18.76	7.83	85.55	-217.01	-2,357.82	2,063.02	2,036.52	26.50	77.852		
2,600.00	2,294.55	2,306.55	2,306.55	20.11	8.06	87.07	-217.01	-2,357.82	2,055.67	2,027.54	28.13	73.084		
2,700.00	2,357.48	2,369.48	2,369.48	21.50	8.29	88.53	-217.01	-2,357.82	2,050.98	2,021.20	29.78	68.879		
2,800.00	2,417.66	2,429.66	2,429.66	22.94	8.50	89.91	-217.01	-2,357.82	2,049.21	2,017.78	31.44	65.185		
2,806.57	2,421.52	2,433.52	2,433.52	23.03	8.52	90.00	-217.01	-2,357.82	2,049.21	2,017.66	31.55	64.956 CC		
2,900.00	2,475.05	2,487.05	2,487.05	24.41	8.71	91.21	-217.01	-2,357.82	2,050.64	2,017.54	33.10	61.958 ES		
3,000.00	2,531.40	2,543.40	2,543.40	25.89	8.91	92.51	-217.01	-2,357.82	2,055.38	2,020.64	34.74	59.171		
3,100.00	2,587.75	2,599.75	2,599.75	27.39	9.11	93.80	-217.01	-2,357.82	2,063.42	2,027.08	36.34	56.783		
3,200.00	2,644.11	2,656.11	2,656.11	28.89	9.31	95.10	-217.01	-2,357.82	2,074.72	2,036.83	37.90	54.745		
3,300.00	2,700.46	2,712.46	2,712.46	30.39	9.52	96.39	-217.01	-2,357.82	2,089.23	2,049.83	39.41	53.015		
3,400.00	2,756.81	2,768.81	2,768.81	31.89	9.72	97.67	-217.01	-2,357.82	2,106.89	2,066.02	40.87	51.557		
3,500.00	2,813.17	2,825.17	2,825.17	33.40	9.92	98.94	-217.01	-2,357.82	2,127.60	2,085.33	42.27	50.337		
3,600.00	2,869.52	2,881.52	2,881.52	34.91	10.12	100.21	-217.01	-2,357.82	2,151.29	2,107.68	43.61	49.330		
3,700.00	2,925.87	2,937.87	2,937.87	36.42	10.32	101.46	-217.01	-2,357.82	2,177.86	2,132.97	44.89	48.511		
3,800.00	2,982.22	2,994.22	2,994.22	37.93	10.53	102.71	-217.01	-2,357.82	2,207.20	2,161.08	46.12	47.859		
3,900.00	3,038.58	3,050.58	3,050.58	39.45	10.73	103.94	-217.01	-2,357.82	2,239.21	2,191.92	47.28	47.357		
4,000.00	3,094.93	3,106.93	3,106.93	40.96	10.93	105.16	-217.01	-2,357.82	2,273.77	2,225.37	48.39	46.987		
4,100.00	3,151.28	3,163.28	3,163.28	42.48	11.13	106.37	-217.01	-2,357.82	2,310.76	2,261.32	49.44	46.736		
4,200.00	3,207.63	3,219.63	3,219.63	44.00	11.33	107.56	-217.01	-2,357.82	2,350.08	2,299.64	50.44	46.592		
4,300.00	3,263.99	3,275.99	3,275.99	45.52	11.54	108.73	-217.01	-2,357.82	2,391.61	2,340.22	51.39	46.543 SF		
4,400.00	3,320.34	3,332.34	3,332.34	47.04	11.74	109.89	-217.01	-2,357.82	2,435.23	2,382.95	52.28	46.579		
4,500.00	3,376.69	3,388.69	3,388.69	48.56	11.94	111.03	-217.01	-2,357.82	2,480.84	2,427.70	53.13	46.691		
4,600.00	3,433.05	3,445.05	3,445.05	50.08	12.14	112.16	-217.01	-2,357.82	2,528.32	2,474.38	53.94	46.872		
4,700.00	3,489.40	3,501.40	3,501.40	51.61	12.34	113.27	-217.01	-2,357.82	2,577.58	2,522.87	54.71	47.114		
4,800.00	3,545.75	3,557.75	3,557.75	53.13	12.55	114.36	-217.01	-2,357.82	2,628.51	2,573.07	55.44	47.411		
4,900.00	3,602.10	3,614.10	3,614.10	54.65	12.75	115.43	-217.01	-2,357.82	2,681.02	2,624.88	56.14	47.758		
5,000.00	3,658.46	3,670.46	3,670.46	56.18	12.95	116.48	-217.01	-2,357.82	2,735.02	2,678.21	56.80	48.148		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	3,714.81	3,726.81	3,726.81	57.70	13.15	117.51	-217.01	-2,357.82	2,790.41	2,732.97	57.44	48.578		
5,200.00	3,771.16	3,783.16	3,783.16	59.23	13.35	118.53	-217.01	-2,357.82	2,847.13	2,789.08	58.05	49.043		
5,300.00	3,827.51	3,839.51	3,839.51	60.75	13.56	119.52	-217.01	-2,357.82	2,905.09	2,846.45	58.64	49.539		
5,400.00	3,883.87	3,895.87	3,895.87	62.28	13.76	120.50	-217.01	-2,357.82	2,964.22	2,905.01	59.21	50.063		
5,500.00	3,940.22	3,952.22	3,952.22	63.80	13.96	121.45	-217.01	-2,357.82	3,024.45	2,964.69	59.76	50.612		
5,600.00	3,996.57	4,008.57	4,008.57	65.33	14.16	122.39	-217.01	-2,357.82	3,085.71	3,025.43	60.29	51.182		
5,700.00	4,052.93	4,064.93	4,064.93	66.86	14.36	123.31	-217.01	-2,357.82	3,147.96	3,087.15	60.80	51.772		
5,800.00	4,109.28	4,121.28	4,121.28	68.39	14.57	124.21	-217.01	-2,357.82	3,211.12	3,149.81	61.31	52.378		
5,900.00	4,165.63	4,177.63	4,177.63	69.91	14.77	125.09	-217.01	-2,357.82	3,275.14	3,213.34	61.80	52.999		
6,000.00	4,221.98	4,233.98	4,233.98	71.44	14.97	125.95	-217.01	-2,357.82	3,339.98	3,277.71	62.28	53.633		
6,100.00	4,278.34	4,290.34	4,290.34	72.97	15.17	126.80	-217.01	-2,357.82	3,405.59	3,342.85	62.74	54.277		
6,200.00	4,334.69	4,346.69	4,346.69	74.50	15.37	127.62	-217.01	-2,357.82	3,471.93	3,408.73	63.21	54.931		
6,300.00	4,391.04	4,403.04	4,403.04	76.03	15.58	128.43	-217.01	-2,357.82	3,538.95	3,475.29	63.66	55.592		
6,400.00	4,447.40	4,459.40	4,459.40	77.55	15.78	129.22	-217.01	-2,357.82	3,606.62	3,542.51	64.11	56.260		
6,500.00	4,503.75	4,515.75	4,515.75	79.08	15.98	129.99	-217.01	-2,357.82	3,674.90	3,610.35	64.55	56.933		
6,600.00	4,560.10	4,572.10	4,572.10	80.61	16.18	130.75	-217.01	-2,357.82	3,743.76	3,678.77	64.99	57.609		
6,700.00	4,616.45	4,628.45	4,628.45	82.14	16.38	131.49	-217.01	-2,357.82	3,813.16	3,747.74	65.42	58.289		
6,800.00	4,672.81	4,684.81	4,684.81	83.67	16.59	132.21	-217.01	-2,357.82	3,883.08	3,817.23	65.85	58.970		
6,900.00	4,729.16	4,741.16	4,741.16	85.20	16.79	132.92	-217.01	-2,357.82	3,953.49	3,887.22	66.28	59.652		
7,000.00	4,785.51	4,797.51	4,797.51	86.73	16.99	133.61	-217.01	-2,357.82	4,024.37	3,957.67	66.70	60.335		
7,100.00	4,841.86	4,853.86	4,853.86	88.26	17.19	134.28	-217.01	-2,357.82	4,095.68	4,028.56	67.12	61.017		
7,200.00	4,898.22	4,910.22	4,910.22	89.79	17.39	134.94	-217.01	-2,357.82	4,167.41	4,099.87	67.55	61.698		
7,300.00	4,954.57	4,966.57	4,966.57	91.32	17.60	135.58	-217.01	-2,357.82	4,239.54	4,171.57	67.97	62.377		
7,400.00	5,010.92	5,022.92	5,022.92	92.85	17.80	136.22	-217.01	-2,357.82	4,312.04	4,243.66	68.39	63.053		
7,500.00	5,067.28	5,079.28	5,079.28	94.38	18.00	136.83	-217.01	-2,357.82	4,384.90	4,316.10	68.81	63.727		
7,600.00	5,123.63	5,135.63	5,135.63	95.91	18.20	137.43	-217.01	-2,357.82	4,458.10	4,388.88	69.23	64.397		
7,700.00	5,179.98	5,191.98	5,191.98	97.44	18.40	138.02	-217.01	-2,357.82	4,531.63	4,461.98	69.65	65.064		
7,800.00	5,236.33	5,248.33	5,248.33	98.97	18.61	138.60	-217.01	-2,357.82	4,605.46	4,535.39	70.07	65.727		
7,900.00	5,292.69	5,304.69	5,304.69	100.50	18.81	139.16	-217.01	-2,357.82	4,679.59	4,609.10	70.49	66.385		
8,000.00	5,349.04	5,361.04	5,361.04	102.03	19.01	139.71	-217.01	-2,357.82	4,753.99	4,683.08	70.91	67.038		
8,100.00	5,405.39	5,417.39	5,417.39	103.56	19.21	140.25	-217.01	-2,357.82	4,828.67	4,757.33	71.34	67.687		
8,200.00	5,461.74	5,473.74	5,473.74	105.09	19.41	140.78	-217.01	-2,357.82	4,903.59	4,831.83	71.76	68.330		
8,300.00	5,518.10	5,530.10	5,530.10	106.62	19.62	141.29	-217.01	-2,357.82	4,978.76	4,906.57	72.19	68.967		
8,400.00	5,574.45	5,586.45	5,586.45	108.15	19.82	141.79	-217.01	-2,357.82	5,054.17	4,981.55	72.62	69.599		
8,500.00	5,630.80	5,642.80	5,642.80	109.68	20.02	142.29	-217.01	-2,357.82	5,129.79	5,056.74	73.05	70.225		
8,600.00	5,687.16	5,699.16	5,699.16	111.21	20.22	142.77	-217.01	-2,357.82	5,205.63	5,132.15	73.48	70.844		
8,700.00	5,743.51	5,755.51	5,755.51	112.75	20.42	143.24	-217.01	-2,357.82	5,281.67	5,207.75	73.91	71.458		
8,800.00	5,799.86	5,811.86	5,811.86	114.28	20.63	143.70	-217.01	-2,357.82	5,357.90	5,283.55	74.35	72.065		
8,900.00	5,856.21	5,868.21	5,868.21	115.81	20.83	144.15	-217.01	-2,357.82	5,434.32	5,359.54	74.78	72.666		
9,000.00	5,912.57	5,924.57	5,924.57	117.34	21.03	144.59	-217.01	-2,357.82	5,510.92	5,435.70	75.22	73.260		
9,100.00	5,968.92	5,980.92	5,980.92	118.87	21.23	145.03	-217.01	-2,357.82	5,587.69	5,512.03	75.66	73.848		
9,200.00	6,025.27	6,037.27	6,037.27	120.40	21.43	145.45	-217.01	-2,357.82	5,664.63	5,588.52	76.11	74.429		
9,300.00	6,081.63	6,093.63	6,093.63	121.93	21.64	145.86	-217.01	-2,357.82	5,741.72	5,665.17	76.55	75.003		
9,400.00	6,137.98	6,149.98	6,149.98	123.46	21.84	146.27	-217.01	-2,357.82	5,818.96	5,741.96	77.00	75.571		
9,500.00	6,194.33	6,206.33	6,206.33	125.00	22.04	146.67	-217.01	-2,357.82	5,896.35	5,818.90	77.45	76.132		
9,600.00	6,250.68	6,262.68	6,262.68	126.53	22.24	147.06	-217.01	-2,357.82	5,973.88	5,895.98	77.90	76.686		
9,700.00	6,307.04	6,319.04	6,319.04	128.06	22.44	147.44	-217.01	-2,357.82	6,051.55	5,973.19	78.35	77.233		
9,800.00	6,363.39	6,375.39	6,375.39	129.59	22.65	147.81	-217.01	-2,357.82	6,129.34	6,050.53	78.81	77.773		
9,900.00	6,419.74	6,431.74	6,431.74	131.12	22.85	148.18	-217.01	-2,357.82	6,207.26	6,127.99	79.27	78.307		
10,000.00	6,476.09	6,488.09	6,488.09	132.65	23.05	148.53	-217.01	-2,357.82	6,285.29	6,205.56	79.73	78.833		
10,100.00	6,532.45	6,544.45	6,544.45	134.18	23.25	148.88	-217.01	-2,357.82	6,363.45	6,283.25	80.19	79.353		
10,200.00	6,588.80	6,600.80	6,600.80	135.72	23.45	149.23	-217.01	-2,357.82	6,441.71	6,361.05	80.66	79.866		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,645.15	6,657.15	6,657.15	137.25	23.66	149.57	-217.01	-2,357.82	6,520.08	6,438.96	81.12	80.373		
10,400.00	6,701.51	6,713.51	6,713.51	138.78	23.86	149.90	-217.01	-2,357.82	6,598.56	6,516.96	81.59	80.873		
10,500.00	6,757.86	6,769.86	6,769.86	140.31	24.06	150.22	-217.01	-2,357.82	6,677.13	6,595.07	82.06	81.366		
10,600.00	6,813.28	6,825.28	6,825.28	141.87	24.26	138.35	-217.01	-2,357.82	6,755.03	6,672.50	82.53	81.849		
10,700.00	6,864.12	6,876.12	6,876.12	143.49	24.44	123.55	-217.01	-2,357.82	6,828.90	6,745.93	82.97	82.302		
10,800.00	6,908.67	6,920.67	6,920.67	145.14	24.60	112.00	-217.01	-2,357.82	6,896.65	6,813.27	83.39	82.708		
10,900.00	6,945.58	6,957.58	6,957.58	146.73	24.73	103.34	-217.01	-2,357.82	6,956.57	6,872.81	83.76	83.052		
11,000.00	6,973.71	6,985.71	6,985.71	148.22	24.83	97.08	-217.01	-2,357.82	7,007.18	6,923.08	84.10	83.318		
11,100.00	6,992.22	7,004.22	7,004.22	149.55	24.90	92.87	-217.01	-2,357.82	7,047.27	6,962.86	84.41	83.492		
11,200.00	7,000.54	7,012.54	7,012.54	150.69	24.93	90.42	-217.01	-2,357.82	7,075.89	6,991.21	84.68	83.562		
11,300.00	7,001.00	7,013.00	7,013.00	151.65	24.93	90.00	-217.01	-2,357.82	7,095.74	7,010.80	84.94	83.540		
11,400.00	7,001.00	7,013.00	7,013.00	152.64	24.93	90.00	-217.01	-2,357.82	7,116.34	7,031.11	85.24	83.489		
11,500.00	7,001.00	7,013.00	7,013.00	153.65	24.93	90.00	-217.01	-2,357.82	7,138.29	7,052.71	85.58	83.415		
11,600.00	7,001.00	7,013.00	7,013.00	154.69	24.93	90.00	-217.01	-2,357.82	7,161.57	7,075.61	85.95	83.322		
11,700.00	7,001.00	7,013.00	7,013.00	155.76	24.93	90.00	-217.01	-2,357.82	7,186.16	7,099.80	86.36	83.211		
11,800.00	7,001.00	7,013.00	7,013.00	156.85	24.93	90.00	-217.01	-2,357.82	7,212.05	7,125.25	86.80	83.084		
11,900.00	7,001.00	7,013.00	7,013.00	157.98	24.93	90.00	-217.01	-2,357.82	7,239.23	7,151.95	87.28	82.944		
12,000.00	7,001.00	7,013.00	7,013.00	159.14	24.93	90.00	-217.01	-2,357.82	7,267.69	7,179.91	87.78	82.792		
12,100.00	7,001.00	7,013.00	7,013.00	160.32	24.93	90.00	-217.01	-2,357.82	7,297.41	7,209.09	88.31	82.631		
12,200.00	7,001.00	7,013.00	7,013.00	161.54	24.93	90.00	-217.01	-2,357.82	7,328.37	7,239.50	88.87	82.462		
12,300.00	7,001.00	7,013.00	7,013.00	162.78	24.93	90.00	-217.01	-2,357.82	7,360.56	7,271.11	89.45	82.287		
12,400.00	7,001.00	7,013.00	7,013.00	164.06	24.93	90.00	-217.01	-2,357.82	7,393.96	7,303.91	90.05	82.109		
12,500.00	7,001.00	7,013.00	7,013.00	165.36	24.93	90.00	-217.01	-2,357.82	7,428.56	7,337.89	90.67	81.929		
12,600.00	7,001.00	7,013.00	7,013.00	166.69	24.93	90.00	-217.01	-2,357.82	7,464.33	7,373.03	91.31	81.748		
12,700.00	7,001.00	7,013.00	7,013.00	168.05	24.93	90.00	-217.01	-2,357.82	7,501.27	7,409.31	91.96	81.568		
12,800.00	7,001.00	7,013.00	7,013.00	169.44	24.93	90.00	-217.01	-2,357.82	7,539.36	7,446.73	92.63	81.391		
12,900.00	7,001.00	7,013.00	7,013.00	170.86	24.93	90.00	-217.01	-2,357.82	7,578.57	7,485.26	93.31	81.217		
13,000.00	7,001.00	7,013.00	7,013.00	172.30	24.93	90.00	-217.01	-2,357.82	7,618.90	7,524.89	94.00	81.049		
13,100.00	7,001.00	7,013.00	7,013.00	173.78	24.93	90.00	-217.01	-2,357.82	7,660.32	7,565.61	94.70	80.887		
13,200.00	7,001.00	7,013.00	7,013.00	175.28	24.93	90.00	-217.01	-2,357.82	7,702.81	7,607.40	95.41	80.732		
13,300.00	7,001.00	7,013.00	7,013.00	176.80	24.93	90.00	-217.01	-2,357.82	7,746.36	7,650.23	96.13	80.584		
13,400.00	7,001.00	7,013.00	7,013.00	178.36	24.93	90.00	-217.01	-2,357.82	7,790.95	7,694.10	96.85	80.446		
13,500.00	7,001.00	7,013.00	7,013.00	179.94	24.93	90.00	-217.01	-2,357.82	7,836.56	7,738.99	97.57	80.316		
13,600.00	7,001.00	7,013.00	7,013.00	181.55	24.93	90.00	-217.01	-2,357.82	7,883.18	7,784.88	98.30	80.197		
13,700.00	7,001.00	7,013.00	7,013.00	183.18	24.93	90.00	-217.01	-2,357.82	7,930.79	7,831.76	99.03	80.088		
13,800.00	7,001.00	7,013.00	7,013.00	184.84	24.93	90.00	-217.01	-2,357.82	7,979.36	7,879.61	99.76	79.989		
13,900.00	7,001.00	7,013.00	7,013.00	186.52	24.93	90.00	-217.01	-2,357.82	8,028.89	7,928.40	100.48	79.902		
14,000.00	7,001.00	7,013.00	7,013.00	188.23	24.93	90.00	-217.01	-2,357.82	8,079.35	7,978.14	101.21	79.826		
14,100.00	7,001.00	7,013.00	7,013.00	189.97	24.93	90.00	-217.01	-2,357.82	8,130.73	8,028.79	101.94	79.762		
14,200.00	7,001.00	7,013.00	7,013.00	191.72	24.93	90.00	-217.01	-2,357.82	8,183.00	8,080.34	102.66	79.709		
14,300.00	7,001.00	7,013.00	7,013.00	193.50	24.93	90.00	-217.01	-2,357.82	8,236.16	8,132.78	103.38	79.669		
14,400.00	7,001.00	7,013.00	7,013.00	195.30	24.93	90.00	-217.01	-2,357.82	8,290.19	8,186.09	104.10	79.640		
14,500.00	7,001.00	7,013.00	7,013.00	197.13	24.93	90.00	-217.01	-2,357.82	8,345.06	8,240.25	104.81	79.623		
14,600.00	7,001.00	7,013.00	7,013.00	198.98	24.93	90.00	-217.01	-2,357.82	8,400.76	8,295.25	105.51	79.618		
14,700.00	7,001.00	7,013.00	7,013.00	200.85	24.93	90.00	-217.01	-2,357.82	8,457.29	8,351.07	106.21	79.625		
14,800.00	7,001.00	7,013.00	7,013.00	202.73	24.93	90.00	-217.01	-2,357.82	8,514.61	8,407.70	106.91	79.644		
14,900.00	7,001.00	7,013.00	7,013.00	204.64	24.93	90.00	-217.01	-2,357.82	8,572.71	8,465.11	107.60	79.674		
15,000.00	7,001.00	7,013.00	7,013.00	206.57	24.93	90.00	-217.01	-2,357.82	8,631.58	8,523.30	108.28	79.716		
15,100.00	7,001.00	7,013.00	7,013.00	208.52	24.93	90.00	-217.01	-2,357.82	8,691.20	8,582.25	108.95	79.770		
15,200.00	7,001.00	7,013.00	7,013.00	210.49	24.93	90.00	-217.01	-2,357.82	8,751.56	8,641.94	109.62	79.835		
15,300.00	7,001.00	7,013.00	7,013.00	212.48	24.93	90.00	-217.01	-2,357.82	8,812.64	8,702.36	110.28	79.911		
15,400.00	7,001.00	7,013.00	7,013.00	214.48	24.93	90.00	-217.01	-2,357.82	8,874.43	8,763.49	110.93	79.998		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 36-T7N-R67W - ABND VERT LIND 36-32 - Wellbore #1 - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,001.00	7,013.00	7,013.00	216.51	24.93	90.00	-217.01	-2,357.82	8,936.91	8,825.33	111.58	80.096	
15,600.00	7,001.00	7,013.00	7,013.00	218.55	24.93	90.00	-217.01	-2,357.82	9,000.06	8,887.85	112.21	80.205	
15,700.00	7,001.00	7,013.00	7,013.00	220.60	24.93	90.00	-217.01	-2,357.82	9,063.88	8,951.04	112.84	80.324	
15,800.00	7,001.00	7,013.00	7,013.00	222.68	24.93	90.00	-217.01	-2,357.82	9,128.35	9,014.89	113.46	80.453	
15,900.00	7,001.00	7,013.00	7,013.00	224.76	24.93	90.00	-217.01	-2,357.82	9,193.45	9,079.38	114.07	80.592	
16,000.00	7,001.00	7,013.00	7,013.00	226.87	24.93	90.00	-217.01	-2,357.82	9,259.18	9,144.50	114.68	80.741	
16,100.00	7,001.00	7,013.00	7,013.00	228.99	24.93	90.00	-217.01	-2,357.82	9,325.52	9,210.25	115.27	80.900	
16,200.00	7,001.00	7,013.00	7,013.00	231.12	24.93	90.00	-217.01	-2,357.82	9,392.45	9,276.59	115.86	81.069	
16,300.00	7,001.00	7,013.00	7,013.00	233.27	24.93	90.00	-217.01	-2,357.82	9,459.96	9,343.53	116.44	81.246	
16,400.00	7,001.00	7,013.00	7,013.00	235.43	24.93	90.00	-217.01	-2,357.82	9,528.05	9,411.04	117.01	81.432	
16,500.00	7,001.00	7,013.00	7,013.00	237.61	24.93	90.00	-217.01	-2,357.82	9,596.70	9,479.13	117.57	81.628	
16,600.00	7,001.00	7,013.00	7,013.00	239.79	24.93	90.00	-217.01	-2,357.82	9,665.89	9,547.77	118.12	81.832	
16,700.00	7,001.00	7,013.00	7,013.00	242.00	24.93	90.00	-217.01	-2,357.82	9,735.62	9,616.95	118.66	82.044	
16,800.00	7,001.00	7,013.00	7,013.00	244.21	24.93	90.00	-217.01	-2,357.82	9,805.87	9,686.67	119.20	82.264	
16,900.00	7,001.00	7,013.00	7,013.00	246.43	24.93	90.00	-217.01	-2,357.82	9,876.63	9,756.91	119.73	82.493	
17,000.00	7,001.00	7,013.00	7,013.00	248.67	24.93	90.00	-217.01	-2,357.82	9,947.90	9,827.65	120.25	82.729	
17,100.00	7,001.00	7,013.00	7,013.00	250.92	24.93	90.00	-217.01	-2,357.82	10,019.66	9,898.90	120.76	82.973	
17,200.00	7,001.00	7,013.00	7,013.00	253.18	24.93	90.00	-217.01	-2,357.82	10,091.90	9,970.63	121.26	83.224	

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design      Sec 36-T7N-R67W - ABND VERT LIND 36-33 - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:      0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
100.00	100.00	86.00	86.00	0.27	0.13	-128.45	-1,885.54	-2,374.66	3,032.20	3,031.80	0.40	7,612.211	
200.00	199.98	185.98	185.98	0.62	0.46	26.77	-1,885.54	-2,374.66	3,030.64	3,029.57	1.08	2,818.299	
300.00	299.84	285.84	285.84	0.97	0.82	26.86	-1,885.54	-2,374.66	3,025.97	3,024.18	1.79	1,691.378	
400.00	399.45	385.45	385.45	1.34	1.17	27.00	-1,885.54	-2,374.66	3,018.20	3,015.68	2.51	1,201.465	
500.00	498.70	484.70	484.70	1.74	1.53	27.21	-1,885.54	-2,374.66	3,007.33	3,004.09	3.24	927.603	
600.00	597.47	583.47	583.47	2.17	1.88	27.47	-1,885.54	-2,374.66	2,993.40	2,989.42	3.98	752.251	
700.00	695.62	681.62	681.62	2.62	2.24	27.80	-1,885.54	-2,374.66	2,976.43	2,971.71	4.72	629.961	
800.00	793.06	779.06	779.06	3.12	2.58	28.20	-1,885.54	-2,374.66	2,956.46	2,950.98	5.48	539.508	
900.00	889.64	875.64	875.64	3.65	2.93	28.66	-1,885.54	-2,374.66	2,933.52	2,927.28	6.25	469.661	
1,000.00	985.27	971.27	971.27	4.23	3.27	29.19	-1,885.54	-2,374.66	2,907.67	2,900.65	7.02	413.927	
1,100.00	1,079.82	1,065.82	1,065.82	4.85	3.61	29.80	-1,885.54	-2,374.66	2,878.96	2,871.15	7.82	368.290	
1,200.00	1,173.17	1,159.17	1,159.17	5.52	3.95	30.49	-1,885.54	-2,374.66	2,847.46	2,838.84	8.63	330.135	
1,300.00	1,265.21	1,251.21	1,251.21	6.24	4.28	31.26	-1,885.54	-2,374.66	2,813.23	2,803.78	9.45	297.687	
1,400.00	1,355.84	1,341.84	1,341.84	7.01	4.60	32.12	-1,885.54	-2,374.66	2,776.35	2,766.05	10.29	269.696	
1,500.00	1,444.94	1,430.94	1,430.94	7.83	4.92	33.08	-1,885.54	-2,374.66	2,736.90	2,725.74	11.16	245.258	
1,600.00	1,532.39	1,518.39	1,518.39	8.70	5.24	34.13	-1,885.54	-2,374.66	2,694.99	2,682.94	12.05	223.705	
1,700.00	1,618.11	1,604.11	1,604.11	9.62	5.54	35.30	-1,885.54	-2,374.66	2,650.70	2,637.74	12.96	204.527	
1,800.00	1,701.97	1,687.97	1,687.97	10.59	5.84	36.58	-1,885.54	-2,374.66	2,604.16	2,590.26	13.90	187.335	
1,900.00	1,783.88	1,769.88	1,769.88	11.62	6.14	37.97	-1,885.54	-2,374.66	2,555.49	2,540.61	14.87	171.821	
2,000.00	1,863.74	1,849.74	1,849.74	12.69	6.42	39.50	-1,885.54	-2,374.66	2,504.81	2,488.93	15.88	157.743	
2,100.00	1,941.45	1,927.45	1,927.45	13.81	6.70	41.16	-1,885.54	-2,374.66	2,452.28	2,435.35	16.92	144.906	
2,200.00	2,016.92	2,002.92	2,002.92	14.98	6.97	42.95	-1,885.54	-2,374.66	2,398.04	2,380.03	18.01	133.152	
2,300.00	2,090.05	2,076.05	2,076.05	16.19	7.23	44.89	-1,885.54	-2,374.66	2,342.28	2,323.14	19.14	122.354	
2,400.00	2,160.76	2,146.76	2,146.76	17.45	7.49	46.98	-1,885.54	-2,374.66	2,285.18	2,264.85	20.33	112.404	
2,500.00	2,228.95	2,214.95	2,214.95	18.76	7.73	49.20	-1,885.54	-2,374.66	2,226.95	2,205.37	21.58	103.218	
2,600.00	2,294.55	2,280.55	2,280.55	20.11	7.97	51.57	-1,885.54	-2,374.66	2,167.80	2,144.91	22.89	94.724	
2,700.00	2,357.48	2,343.48	2,343.48	21.50	8.19	54.06	-1,885.54	-2,374.66	2,107.98	2,083.71	24.27	86.863	
2,800.00	2,417.66	2,403.66	2,403.66	22.94	8.41	56.66	-1,885.54	-2,374.66	2,047.76	2,022.03	25.73	79.586	
2,900.00	2,475.05	2,461.05	2,461.05	24.41	8.61	59.17	-1,885.54	-2,374.66	1,987.44	1,960.16	27.28	72.855	
3,000.00	2,531.40	2,517.40	2,517.40	25.89	8.82	60.63	-1,885.54	-2,374.66	1,928.21	1,899.30	28.91	66.692	
3,100.00	2,587.75	2,573.75	2,573.75	27.39	9.02	62.14	-1,885.54	-2,374.66	1,870.75	1,840.13	30.63	61.079	
3,200.00	2,644.11	2,630.11	2,630.11	28.89	9.22	63.69	-1,885.54	-2,374.66	1,815.24	1,782.81	32.43	55.976	
3,300.00	2,700.46	2,686.46	2,686.46	30.39	9.42	65.28	-1,885.54	-2,374.66	1,761.85	1,727.54	34.31	51.347	
3,400.00	2,756.81	2,742.81	2,742.81	31.89	9.62	66.91	-1,885.54	-2,374.66	1,710.78	1,674.50	36.28	47.158	
3,500.00	2,813.17	2,799.17	2,799.17	33.40	9.83	68.59	-1,885.54	-2,374.66	1,662.25	1,623.93	38.32	43.377	
3,600.00	2,869.52	2,855.52	2,855.52	34.91	10.03	70.30	-1,885.54	-2,374.66	1,616.49	1,576.06	40.44	39.977	
3,700.00	2,925.87	2,911.87	2,911.87	36.42	10.23	72.05	-1,885.54	-2,374.66	1,573.74	1,531.13	42.61	36.930	
3,800.00	2,982.22	2,968.22	2,968.22	37.93	10.43	73.84	-1,885.54	-2,374.66	1,534.25	1,489.41	44.84	34.213	
3,900.00	3,038.58	3,024.58	3,024.58	39.45	10.63	75.66	-1,885.54	-2,374.66	1,498.28	1,451.17	47.11	31.804	
4,000.00	3,094.93	3,080.93	3,080.93	40.96	10.84	77.51	-1,885.54	-2,374.66	1,466.08	1,416.69	49.39	29.681	
4,100.00	3,151.28	3,137.28	3,137.28	42.48	11.04	79.39	-1,885.54	-2,374.66	1,437.91	1,386.24	51.68	27.826	
4,200.00	3,207.63	3,193.63	3,193.63	44.00	11.24	81.29	-1,885.54	-2,374.66	1,414.02	1,360.09	53.93	26.221	
4,300.00	3,263.99	3,249.99	3,249.99	45.52	11.44	83.20	-1,885.54	-2,374.66	1,394.62	1,338.49	56.12	24.849	
4,400.00	3,320.34	3,306.34	3,306.34	47.04	11.64	85.14	-1,885.54	-2,374.66	1,379.90	1,321.66	58.24	23.694	
4,500.00	3,376.69	3,362.69	3,362.69	48.56	11.85	87.08	-1,885.54	-2,374.66	1,370.00	1,309.76	60.24	22.741	
4,600.00	3,433.05	3,419.05	3,419.05	50.08	12.05	89.04	-1,885.54	-2,374.66	1,365.05	1,302.94	62.12	21.976	
4,649.27	3,460.81	3,446.81	3,446.81	50.83	12.15	90.00	-1,885.54	-2,374.66	1,364.44	1,301.46	62.98	21.664 CC	
4,700.00	3,489.40	3,475.40	3,475.40	51.61	12.25	90.99	-1,885.54	-2,374.66	1,365.09	1,301.26	63.83	21.386 ES	
4,800.00	3,545.75	3,531.75	3,531.75	53.13	12.45	92.94	-1,885.54	-2,374.66	1,370.11	1,304.74	65.38	20.957	
4,900.00	3,602.10	3,588.10	3,588.10	54.65	12.65	94.89	-1,885.54	-2,374.66	1,380.08	1,313.33	66.74	20.677	
5,000.00	3,658.46	3,644.46	3,644.46	56.18	12.86	96.82	-1,885.54	-2,374.66	1,394.87	1,326.94	67.93	20.535	
5,100.00	3,714.81	3,700.81	3,700.81	57.70	13.06	98.74	-1,885.54	-2,374.66	1,414.34	1,345.41	68.93	20.519 SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	3,757.16	3,757.16	59.23	13.26	100.64	-1,885.54	-2,374.66	1,438.29	1,368.54	69.76	20.619		
5,300.00	3,827.51	3,813.51	3,813.51	60.75	13.46	102.52	-1,885.54	-2,374.66	1,466.52	1,396.10	70.42	20.824		
5,400.00	3,883.87	3,869.87	3,869.87	62.28	13.66	104.37	-1,885.54	-2,374.66	1,498.77	1,427.83	70.94	21.126		
5,500.00	3,940.22	3,926.22	3,926.22	63.80	13.87	106.19	-1,885.54	-2,374.66	1,534.80	1,463.46	71.34	21.515		
5,600.00	3,996.57	3,982.57	3,982.57	65.33	14.07	107.97	-1,885.54	-2,374.66	1,574.34	1,502.72	71.62	21.983		
5,700.00	4,052.93	4,038.93	4,038.93	66.86	14.27	109.72	-1,885.54	-2,374.66	1,617.14	1,545.34	71.80	22.522		
5,800.00	4,109.28	4,095.28	4,095.28	68.39	14.47	111.44	-1,885.54	-2,374.66	1,662.94	1,591.03	71.91	23.124		
5,900.00	4,165.63	4,151.63	4,151.63	69.91	14.67	113.11	-1,885.54	-2,374.66	1,711.51	1,639.55	71.96	23.784		
6,000.00	4,221.98	4,207.98	4,207.98	71.44	14.88	114.74	-1,885.54	-2,374.66	1,762.61	1,690.65	71.96	24.494		
6,100.00	4,278.34	4,264.34	4,264.34	72.97	15.08	116.33	-1,885.54	-2,374.66	1,816.03	1,744.11	71.92	25.250		
6,200.00	4,334.69	4,320.69	4,320.69	74.50	15.28	117.88	-1,885.54	-2,374.66	1,871.58	1,799.72	71.86	26.044		
6,300.00	4,391.04	4,377.04	4,377.04	76.03	15.48	119.39	-1,885.54	-2,374.66	1,929.06	1,857.28	71.78	26.873		
6,400.00	4,447.40	4,433.40	4,433.40	77.55	15.68	120.85	-1,885.54	-2,374.66	1,988.32	1,916.62	71.70	27.733		
6,500.00	4,503.75	4,489.75	4,489.75	79.08	15.89	122.27	-1,885.54	-2,374.66	2,049.19	1,977.59	71.61	28.618		
6,600.00	4,560.10	4,546.10	4,546.10	80.61	16.09	123.65	-1,885.54	-2,374.66	2,111.54	2,040.03	71.52	29.525		
6,700.00	4,616.45	4,602.45	4,602.45	82.14	16.29	124.98	-1,885.54	-2,374.66	2,175.24	2,103.81	71.44	30.450		
6,800.00	4,672.81	4,658.81	4,658.81	83.67	16.49	126.27	-1,885.54	-2,374.66	2,240.18	2,168.82	71.36	31.391		
6,900.00	4,729.16	4,715.16	4,715.16	85.20	16.69	127.52	-1,885.54	-2,374.66	2,306.25	2,234.95	71.30	32.345		
7,000.00	4,785.51	4,771.51	4,771.51	86.73	16.90	128.73	-1,885.54	-2,374.66	2,373.35	2,302.10	71.26	33.308		
7,100.00	4,841.86	4,827.86	4,827.86	88.26	17.10	129.90	-1,885.54	-2,374.66	2,441.41	2,370.18	71.22	34.278		
7,200.00	4,898.22	4,884.22	4,884.22	89.79	17.30	131.03	-1,885.54	-2,374.66	2,510.34	2,439.13	71.21	35.254		
7,300.00	4,954.57	4,940.57	4,940.57	91.32	17.50	132.13	-1,885.54	-2,374.66	2,580.07	2,508.86	71.21	36.233		
7,400.00	5,010.92	4,996.92	4,996.92	92.85	17.70	133.18	-1,885.54	-2,374.66	2,650.54	2,579.32	71.23	37.213		
7,500.00	5,067.28	5,053.28	5,053.28	94.38	17.91	134.21	-1,885.54	-2,374.66	2,721.70	2,650.44	71.26	38.193		
7,600.00	5,123.63	5,109.63	5,109.63	95.91	18.11	135.19	-1,885.54	-2,374.66	2,793.48	2,722.17	71.31	39.172		
7,700.00	5,179.98	5,165.98	5,165.98	97.44	18.31	136.15	-1,885.54	-2,374.66	2,865.85	2,794.47	71.38	40.147		
7,800.00	5,236.33	5,222.33	5,222.33	98.97	18.51	137.07	-1,885.54	-2,374.66	2,938.76	2,867.29	71.47	41.119		
7,900.00	5,292.69	5,278.69	5,278.69	100.50	18.71	137.96	-1,885.54	-2,374.66	3,012.17	2,940.60	71.57	42.085		
8,000.00	5,349.04	5,335.04	5,335.04	102.03	18.92	138.82	-1,885.54	-2,374.66	3,086.05	3,014.35	71.69	43.045		
8,100.00	5,405.39	5,391.39	5,391.39	103.56	19.12	139.66	-1,885.54	-2,374.66	3,160.35	3,088.53	71.83	43.998		
8,200.00	5,461.74	5,447.74	5,447.74	105.09	19.32	140.46	-1,885.54	-2,374.66	3,235.07	3,163.09	71.98	44.944		
8,300.00	5,518.10	5,504.10	5,504.10	106.62	19.52	141.24	-1,885.54	-2,374.66	3,310.15	3,238.00	72.15	45.881		
8,400.00	5,574.45	5,560.45	5,560.45	108.15	19.72	141.99	-1,885.54	-2,374.66	3,385.59	3,313.26	72.33	46.809		
8,500.00	5,630.80	5,616.80	5,616.80	109.68	19.93	142.72	-1,885.54	-2,374.66	3,461.35	3,388.83	72.52	47.728		
8,600.00	5,687.16	5,673.16	5,673.16	111.21	20.13	143.43	-1,885.54	-2,374.66	3,537.42	3,464.69	72.73	48.637		
8,700.00	5,743.51	5,729.51	5,729.51	112.75	20.33	144.11	-1,885.54	-2,374.66	3,613.78	3,540.83	72.95	49.536		
8,800.00	5,799.86	5,785.86	5,785.86	114.28	20.53	144.77	-1,885.54	-2,374.66	3,690.41	3,617.22	73.19	50.424		
8,900.00	5,856.21	5,842.21	5,842.21	115.81	20.73	145.41	-1,885.54	-2,374.66	3,767.29	3,693.85	73.43	51.302		
9,000.00	5,912.57	5,898.57	5,898.57	117.34	20.94	146.03	-1,885.54	-2,374.66	3,844.40	3,770.71	73.69	52.168		
9,100.00	5,968.92	5,954.92	5,954.92	118.87	21.14	146.63	-1,885.54	-2,374.66	3,921.75	3,847.78	73.96	53.023		
9,200.00	6,025.27	6,011.27	6,011.27	120.40	21.34	147.22	-1,885.54	-2,374.66	3,999.30	3,925.05	74.24	53.867		
9,300.00	6,081.63	6,067.63	6,067.63	121.93	21.54	147.78	-1,885.54	-2,374.66	4,077.05	4,002.51	74.54	54.700		
9,400.00	6,137.98	6,123.98	6,123.98	123.46	21.74	148.33	-1,885.54	-2,374.66	4,154.99	4,080.15	74.84	55.520		
9,500.00	6,194.33	6,180.33	6,180.33	125.00	21.95	148.86	-1,885.54	-2,374.66	4,233.10	4,157.95	75.15	56.330		
9,600.00	6,250.68	6,236.68	6,236.68	126.53	22.15	149.37	-1,885.54	-2,374.66	4,311.38	4,235.91	75.47	57.127		
9,700.00	6,307.04	6,293.04	6,293.04	128.06	22.35	149.87	-1,885.54	-2,374.66	4,389.83	4,314.03	75.80	57.913		
9,800.00	6,363.39	6,349.39	6,349.39	129.59	22.55	150.36	-1,885.54	-2,374.66	4,468.42	4,392.28	76.14	58.687		
9,900.00	6,419.74	6,405.74	6,405.74	131.12	22.75	150.83	-1,885.54	-2,374.66	4,547.15	4,470.66	76.49	59.450		
10,000.00	6,476.09	6,462.09	6,462.09	132.65	22.96	151.29	-1,885.54	-2,374.66	4,626.02	4,549.18	76.84	60.201		
10,100.00	6,532.45	6,518.45	6,518.45	134.18	23.16	151.73	-1,885.54	-2,374.66	4,705.02	4,627.81	77.21	60.941		
10,200.00	6,588.80	6,574.80	6,574.80	135.72	23.36	152.16	-1,885.54	-2,374.66	4,784.14	4,706.56	77.58	61.669		
10,300.00	6,645.15	6,631.15	6,631.15	137.25	23.56	152.58	-1,885.54	-2,374.66	4,863.37	4,785.42	77.96	62.385		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	6,687.51	6,687.51	138.78	23.76	152.99	-1,885.54	-2,374.66	4,942.72	4,864.38	78.34	63.091		
10,500.00	6,757.86	6,743.86	6,743.86	140.31	23.97	153.39	-1,885.54	-2,374.66	5,022.17	4,943.44	78.74	63.785		
10,600.00	6,813.28	6,799.28	6,799.28	141.87	24.17	141.18	-1,885.54	-2,374.66	5,101.10	5,021.99	79.11	64.480		
10,700.00	6,864.12	6,850.12	6,850.12	143.49	24.35	125.79	-1,885.54	-2,374.66	5,176.60	5,097.20	79.40	65.197		
10,800.00	6,908.67	6,894.67	6,894.67	145.14	24.51	113.70	-1,885.54	-2,374.66	5,246.65	5,167.05	79.60	65.916		
10,900.00	6,945.58	6,931.58	6,931.58	146.73	24.64	104.56	-1,885.54	-2,374.66	5,309.53	5,229.83	79.70	66.616		
11,000.00	6,973.71	6,959.71	6,959.71	148.22	24.74	97.90	-1,885.54	-2,374.66	5,363.80	5,284.07	79.73	67.274		
11,100.00	6,992.22	6,978.22	6,978.22	149.55	24.81	93.32	-1,885.54	-2,374.66	5,408.22	5,328.53	79.69	67.866		
11,200.00	7,000.54	6,986.54	6,986.54	150.69	24.84	90.52	-1,885.54	-2,374.66	5,441.80	5,362.21	79.59	68.369		
11,300.00	7,001.00	6,987.00	6,987.00	151.65	24.84	90.00	-1,885.54	-2,374.66	5,467.15	5,387.67	79.48	68.784		
11,400.00	7,001.00	6,987.00	6,987.00	152.64	24.84	90.00	-1,885.54	-2,374.66	5,493.61	5,414.19	79.42	69.171		
11,500.00	7,001.00	6,987.00	6,987.00	153.65	24.84	90.00	-1,885.54	-2,374.66	5,521.75	5,442.35	79.41	69.538		
11,600.00	7,001.00	6,987.00	6,987.00	154.69	24.84	90.00	-1,885.54	-2,374.66	5,551.55	5,472.11	79.44	69.885		
11,700.00	7,001.00	6,987.00	6,987.00	155.76	24.84	90.00	-1,885.54	-2,374.66	5,582.99	5,503.47	79.52	70.211		
11,800.00	7,001.00	6,987.00	6,987.00	156.85	24.84	90.00	-1,885.54	-2,374.66	5,616.03	5,536.39	79.64	70.518		
11,900.00	7,001.00	6,987.00	6,987.00	157.98	24.84	90.00	-1,885.54	-2,374.66	5,650.64	5,570.84	79.80	70.807		
12,000.00	7,001.00	6,987.00	6,987.00	159.14	24.84	90.00	-1,885.54	-2,374.66	5,686.81	5,606.80	80.01	71.079		
12,100.00	7,001.00	6,987.00	6,987.00	160.32	24.84	90.00	-1,885.54	-2,374.66	5,724.49	5,644.24	80.25	71.335		
12,200.00	7,001.00	6,987.00	6,987.00	161.54	24.84	90.00	-1,885.54	-2,374.66	5,763.66	5,683.14	80.52	71.578		
12,300.00	7,001.00	6,987.00	6,987.00	162.78	24.84	90.00	-1,885.54	-2,374.66	5,804.29	5,723.46	80.83	71.807		
12,400.00	7,001.00	6,987.00	6,987.00	164.06	24.84	90.00	-1,885.54	-2,374.66	5,846.35	5,765.18	81.17	72.025		
12,500.00	7,001.00	6,987.00	6,987.00	165.36	24.84	90.00	-1,885.54	-2,374.66	5,889.81	5,808.27	81.54	72.235		
12,600.00	7,001.00	6,987.00	6,987.00	166.69	24.84	90.00	-1,885.54	-2,374.66	5,934.63	5,852.70	81.93	72.436		
12,700.00	7,001.00	6,987.00	6,987.00	168.05	24.84	90.00	-1,885.54	-2,374.66	5,980.79	5,898.45	82.34	72.631		
12,800.00	7,001.00	6,987.00	6,987.00	169.44	24.84	90.00	-1,885.54	-2,374.66	6,028.26	5,945.48	82.78	72.822		
12,900.00	7,001.00	6,987.00	6,987.00	170.86	24.84	90.00	-1,885.54	-2,374.66	6,077.00	5,993.76	83.24	73.010		
13,000.00	7,001.00	6,987.00	6,987.00	172.30	24.84	90.00	-1,885.54	-2,374.66	6,126.98	6,043.27	83.71	73.196		
13,100.00	7,001.00	6,987.00	6,987.00	173.78	24.84	90.00	-1,885.54	-2,374.66	6,178.18	6,093.99	84.19	73.382		
13,200.00	7,001.00	6,987.00	6,987.00	175.28	24.84	90.00	-1,885.54	-2,374.66	6,230.56	6,145.87	84.69	73.569		
13,300.00	7,001.00	6,987.00	6,987.00	176.80	24.84	90.00	-1,885.54	-2,374.66	6,284.10	6,198.90	85.20	73.758		
13,400.00	7,001.00	6,987.00	6,987.00	178.36	24.84	90.00	-1,885.54	-2,374.66	6,338.76	6,253.05	85.72	73.950		
13,500.00	7,001.00	6,987.00	6,987.00	179.94	24.84	90.00	-1,885.54	-2,374.66	6,394.52	6,308.28	86.24	74.146		
13,600.00	7,001.00	6,987.00	6,987.00	181.55	24.84	90.00	-1,885.54	-2,374.66	6,451.35	6,364.58	86.77	74.347		
13,700.00	7,001.00	6,987.00	6,987.00	183.18	24.84	90.00	-1,885.54	-2,374.66	6,509.22	6,421.91	87.31	74.554		
13,800.00	7,001.00	6,987.00	6,987.00	184.84	24.84	90.00	-1,885.54	-2,374.66	6,568.10	6,480.25	87.85	74.766		
13,900.00	7,001.00	6,987.00	6,987.00	186.52	24.84	90.00	-1,885.54	-2,374.66	6,627.97	6,539.58	88.39	74.986		
14,000.00	7,001.00	6,987.00	6,987.00	188.23	24.84	90.00	-1,885.54	-2,374.66	6,688.80	6,599.86	88.93	75.212		
14,100.00	7,001.00	6,987.00	6,987.00	189.97	24.84	90.00	-1,885.54	-2,374.66	6,750.56	6,661.08	89.47	75.446		
14,200.00	7,001.00	6,987.00	6,987.00	191.72	24.84	90.00	-1,885.54	-2,374.66	6,813.22	6,723.21	90.02	75.689		
14,300.00	7,001.00	6,987.00	6,987.00	193.50	24.84	90.00	-1,885.54	-2,374.66	6,876.77	6,786.22	90.56	75.939		
14,400.00	7,001.00	6,987.00	6,987.00	195.30	24.84	90.00	-1,885.54	-2,374.66	6,941.18	6,850.09	91.09	76.198		
14,500.00	7,001.00	6,987.00	6,987.00	197.13	24.84	90.00	-1,885.54	-2,374.66	7,006.43	6,914.80	91.63	76.465		
14,600.00	7,001.00	6,987.00	6,987.00	198.98	24.84	90.00	-1,885.54	-2,374.66	7,072.49	6,980.33	92.16	76.741		
14,700.00	7,001.00	6,987.00	6,987.00	200.85	24.84	90.00	-1,885.54	-2,374.66	7,139.33	7,046.64	92.69	77.025		
14,800.00	7,001.00	6,987.00	6,987.00	202.73	24.84	90.00	-1,885.54	-2,374.66	7,206.95	7,113.74	93.21	77.319		
14,900.00	7,001.00	6,987.00	6,987.00	204.64	24.84	90.00	-1,885.54	-2,374.66	7,275.31	7,181.58	93.73	77.621		
15,000.00	7,001.00	6,987.00	6,987.00	206.57	24.84	90.00	-1,885.54	-2,374.66	7,344.39	7,250.15	94.24	77.932		
15,100.00	7,001.00	6,987.00	6,987.00	208.52	24.84	90.00	-1,885.54	-2,374.66	7,414.18	7,319.44	94.75	78.252		
15,200.00	7,001.00	6,987.00	6,987.00	210.49	24.84	90.00	-1,885.54	-2,374.66	7,484.66	7,389.41	95.25	78.580		
15,300.00	7,001.00	6,987.00	6,987.00	212.48	24.84	90.00	-1,885.54	-2,374.66	7,555.80	7,460.06	95.74	78.917		
15,400.00	7,001.00	6,987.00	6,987.00	214.48	24.84	90.00	-1,885.54	-2,374.66	7,627.59	7,531.36	96.23	79.263		
15,500.00	7,001.00	6,987.00	6,987.00	216.51	24.84	90.00	-1,885.54	-2,374.66	7,700.01	7,603.30	96.71	79.617		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,001.00	6,987.00	6,987.00	218.55	24.84	90.00	-1,885.54	-2,374.66	7,773.04	7,675.85	97.19	79.978		
15,700.00	7,001.00	6,987.00	6,987.00	220.60	24.84	90.00	-1,885.54	-2,374.66	7,846.67	7,749.01	97.66	80.349		
15,800.00	7,001.00	6,987.00	6,987.00	222.68	24.84	90.00	-1,885.54	-2,374.66	7,920.87	7,822.75	98.12	80.727		
15,900.00	7,001.00	6,987.00	6,987.00	224.76	24.84	90.00	-1,885.54	-2,374.66	7,995.64	7,897.06	98.57	81.112		
16,000.00	7,001.00	6,987.00	6,987.00	226.87	24.84	90.00	-1,885.54	-2,374.66	8,070.95	7,971.93	99.02	81.506		
16,100.00	7,001.00	6,987.00	6,987.00	228.99	24.84	90.00	-1,885.54	-2,374.66	8,146.79	8,047.33	99.46	81.906		
16,200.00	7,001.00	6,987.00	6,987.00	231.12	24.84	90.00	-1,885.54	-2,374.66	8,223.15	8,123.25	99.90	82.315		
16,300.00	7,001.00	6,987.00	6,987.00	233.27	24.84	90.00	-1,885.54	-2,374.66	8,300.01	8,199.69	100.33	82.730		
16,400.00	7,001.00	6,987.00	6,987.00	235.43	24.84	90.00	-1,885.54	-2,374.66	8,377.37	8,276.62	100.75	83.152		
16,500.00	7,001.00	6,987.00	6,987.00	237.61	24.84	90.00	-1,885.54	-2,374.66	8,455.19	8,354.03	101.16	83.581		
16,600.00	7,001.00	6,987.00	6,987.00	239.79	24.84	90.00	-1,885.54	-2,374.66	8,533.48	8,431.91	101.57	84.017		
16,700.00	7,001.00	6,987.00	6,987.00	242.00	24.84	90.00	-1,885.54	-2,374.66	8,612.22	8,510.25	101.97	84.459		
16,800.00	7,001.00	6,987.00	6,987.00	244.21	24.84	90.00	-1,885.54	-2,374.66	8,691.39	8,589.03	102.36	84.907		
16,900.00	7,001.00	6,987.00	6,987.00	246.43	24.84	90.00	-1,885.54	-2,374.66	8,770.99	8,668.24	102.75	85.361		
17,000.00	7,001.00	6,987.00	6,987.00	248.67	24.84	90.00	-1,885.54	-2,374.66	8,851.01	8,747.87	103.13	85.822		
17,100.00	7,001.00	6,987.00	6,987.00	250.92	24.84	90.00	-1,885.54	-2,374.66	8,931.42	8,827.92	103.51	86.288		
17,200.00	7,001.00	6,987.00	6,987.00	253.18	24.84	90.00	-1,885.54	-2,374.66	9,012.23	8,908.36	103.88	86.760		
17,300.00	7,001.00	6,987.00	6,987.00	255.45	24.84	90.00	-1,885.54	-2,374.66	9,093.42	8,989.18	104.24	87.237		
17,400.00	7,001.00	6,987.00	6,987.00	257.73	24.84	90.00	-1,885.54	-2,374.66	9,174.99	9,070.39	104.59	87.720		
17,500.00	7,001.00	6,987.00	6,987.00	260.02	24.84	90.00	-1,885.54	-2,374.66	9,256.91	9,151.96	104.94	88.208		
17,600.00	7,001.00	6,987.00	6,987.00	262.32	24.84	90.00	-1,885.54	-2,374.66	9,339.18	9,233.90	105.29	88.701		
17,700.00	7,001.00	6,987.00	6,987.00	264.63	24.84	90.00	-1,885.54	-2,374.66	9,421.80	9,316.18	105.63	89.198		
17,800.00	7,001.00	6,987.00	6,987.00	266.95	24.84	90.00	-1,885.54	-2,374.66	9,504.76	9,398.80	105.96	89.701		
17,900.00	7,001.00	6,987.00	6,987.00	269.28	24.84	90.00	-1,885.54	-2,374.66	9,588.03	9,481.75	106.29	90.208		
18,000.00	7,001.00	6,987.00	6,987.00	271.61	24.84	90.00	-1,885.54	-2,374.66	9,671.63	9,565.02	106.61	90.720		
18,100.00	7,001.00	6,987.00	6,987.00	273.96	24.84	90.00	-1,885.54	-2,374.66	9,755.53	9,648.61	106.93	91.236		
18,200.00	7,001.00	6,987.00	6,987.00	276.31	24.84	90.00	-1,885.54	-2,374.66	9,839.74	9,732.50	107.24	91.756		
18,300.00	7,001.00	6,987.00	6,987.00	278.67	24.84	90.00	-1,885.54	-2,374.66	9,924.24	9,816.69	107.54	92.281		
18,400.00	7,001.00	6,987.00	6,987.00	281.04	24.84	90.00	-1,885.54	-2,374.66	10,009.02	9,901.17	107.84	92.809		
18,500.00	7,001.00	6,987.00	6,987.00	283.42	24.84	90.00	-1,885.54	-2,374.66	10,094.08	9,985.94	108.14	93.342		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 99-MWVD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
100.00	100.00	93.85	93.84	0.27	0.15	-176.86	-2,128.75	-116.78	2,132.06	2,131.65	0.41	5,161.377	
200.00	199.98	185.00	184.98	0.62	0.46	-21.68	-2,127.70	-117.54	2,129.36	2,128.28	1.08	1,980.351	
300.00	299.84	252.25	252.23	0.97	0.69	-21.75	-2,127.95	-117.41	2,124.80	2,123.14	1.66	1,280.055	
400.00	399.45	317.58	317.54	1.34	0.91	-21.89	-2,129.07	-116.42	2,118.36	2,116.12	2.25	943.430	
500.00	498.70	380.55	380.44	1.74	1.13	-22.07	-2,131.35	-114.63	2,110.49	2,107.65	2.83	745.696	
600.00	597.47	458.00	457.72	2.17	1.41	-22.37	-2,135.41	-111.48	2,100.95	2,097.47	3.48	603.662	
700.00	695.62	512.84	512.35	2.62	1.61	-22.65	-2,139.17	-108.52	2,089.74	2,085.68	4.06	514.382	
800.00	793.06	581.16	580.26	3.12	1.87	-23.05	-2,145.00	-103.87	2,077.12	2,072.41	4.71	441.125	
900.00	889.64	644.00	642.61	3.65	2.12	-23.48	-2,151.07	-98.97	2,062.66	2,057.31	5.35	385.492	
1,000.00	985.27	709.10	706.99	4.23	2.39	-24.00	-2,158.56	-92.83	2,046.93	2,040.91	6.02	339.752	
1,100.00	1,079.82	778.16	775.03	4.85	2.68	-24.63	-2,167.59	-85.18	2,029.76	2,023.03	6.74	301.226	
1,200.00	1,173.17	849.03	844.59	5.52	3.00	-25.36	-2,177.60	-76.07	2,010.86	2,003.38	7.49	268.588	
1,300.00	1,265.21	925.00	918.81	6.24	3.36	-26.24	-2,189.42	-65.01	1,990.61	1,982.32	8.29	240.136	
1,400.00	1,355.84	989.78	981.76	7.01	3.69	-27.12	-2,200.13	-54.13	1,968.78	1,959.70	9.09	216.670	
1,500.00	1,444.84	1,073.38	1,062.47	7.83	4.13	-28.35	-2,214.13	-37.44	1,945.10	1,935.09	10.01	194.266	
1,600.00	1,532.39	1,148.93	1,134.88	8.70	4.55	-29.64	-2,226.75	-19.98	1,919.54	1,908.58	10.96	175.147	
1,700.00	1,618.11	1,215.74	1,198.44	9.62	4.95	-30.94	-2,238.29	-2.93	1,892.85	1,880.94	11.91	158.888	
1,800.00	1,701.97	1,284.72	1,263.50	10.59	5.38	-32.40	-2,250.43	16.53	1,865.18	1,852.23	12.94	144.091	
1,900.00	1,783.88	1,353.68	1,327.93	11.62	5.84	-34.01	-2,262.64	37.85	1,836.68	1,822.64	14.05	130.757	
2,000.00	1,863.74	1,418.55	1,388.14	12.69	6.29	-35.67	-2,274.20	59.02	1,807.57	1,792.38	15.19	119.027	
2,100.00	1,941.45	1,487.00	1,451.50	13.81	6.78	-37.49	-2,286.84	81.65	1,778.27	1,761.86	16.42	108.317	
2,200.00	2,016.92	1,551.79	1,511.39	14.98	7.26	-39.33	-2,299.01	103.13	1,748.72	1,731.03	17.69	98.847	
2,300.00	2,090.05	1,628.65	1,582.52	16.19	7.83	-41.56	-2,313.28	128.56	1,718.80	1,699.67	19.12	89.874	
2,400.00	2,160.76	1,702.63	1,651.21	17.45	8.37	-43.82	-2,326.87	152.42	1,688.58	1,667.97	20.61	81.935	
2,500.00	2,228.95	1,769.33	1,713.26	18.76	8.86	-45.99	-2,339.20	173.53	1,658.60	1,636.49	22.11	75.011	
2,600.00	2,294.55	1,825.45	1,765.49	20.11	9.28	-47.96	-2,349.78	191.13	1,629.39	1,605.79	23.61	69.021	
2,700.00	2,357.48	1,886.94	1,822.68	21.50	9.74	-50.13	-2,361.67	210.34	1,601.40	1,576.17	25.23	63.477	
2,800.00	2,417.66	1,959.00	1,889.77	22.94	10.27	-52.70	-2,375.15	232.92	1,574.41	1,547.38	27.03	58.248	
2,900.00	2,475.05	2,044.75	1,969.92	24.41	10.90	-55.73	-2,390.06	259.49	1,548.43	1,519.38	29.05	53.308	
3,000.00	2,531.40	2,105.48	2,026.91	25.89	11.33	-57.66	-2,400.01	277.97	1,525.19	1,494.28	30.91	49.347	
3,100.00	2,587.75	2,159.48	2,077.63	27.39	11.72	-59.38	-2,408.79	294.28	1,506.11	1,473.37	32.74	45.996	
3,200.00	2,644.11	2,204.31	2,119.67	28.89	12.05	-60.83	-2,416.21	307.97	1,491.76	1,457.25	34.51	43.222	
3,300.00	2,700.46	2,252.95	2,165.18	30.39	12.40	-62.40	-2,424.44	323.07	1,482.35	1,446.02	36.33	40.805	
3,400.00	2,756.81	2,312.68	2,221.08	31.89	12.84	-64.34	-2,434.70	341.41	1,477.60	1,439.34	38.26	38.624	
3,453.18	2,786.78	2,342.19	2,248.74	32.69	13.05	-65.29	-2,439.82	350.35	1,476.92	1,437.66	39.25	37.625 CC	
3,500.00	2,813.17	2,365.07	2,270.17	33.40	13.22	-66.03	-2,443.81	357.31	1,477.46	1,437.37	40.09	36.851 ES	
3,600.00	2,869.52	2,413.73	2,315.68	34.91	13.58	-67.60	-2,452.32	372.27	1,482.24	1,440.38	41.86	35.407	
3,700.00	2,925.87	2,463.20	2,361.88	36.42	13.95	-69.20	-2,460.98	387.70	1,491.91	1,448.30	43.60	34.214	
3,800.00	2,982.22	2,512.33	2,407.69	37.93	14.31	-70.78	-2,469.50	403.26	1,506.36	1,461.07	45.30	33.256	
3,900.00	3,038.58	2,563.85	2,455.68	39.45	14.70	-72.43	-2,478.47	419.73	1,525.45	1,478.49	46.96	32.481	
4,000.00	3,094.93	2,617.24	2,505.37	40.96	15.11	-74.12	-2,488.00	436.77	1,548.93	1,500.33	48.60	31.870	
4,100.00	3,151.28	2,681.19	2,564.95	42.48	15.59	-76.13	-2,499.41	457.01	1,576.35	1,526.03	50.33	31.321	
4,200.00	3,207.63	2,742.73	2,622.41	44.00	16.05	-78.03	-2,510.25	476.21	1,607.37	1,555.41	51.96	30.932	
4,300.00	3,263.99	2,803.54	2,679.23	45.52	16.50	-79.87	-2,521.11	494.94	1,641.86	1,588.33	53.53	30.671	
4,400.00	3,320.34	2,850.88	2,723.42	47.04	16.86	-81.28	-2,529.80	509.52	1,679.82	1,624.98	54.84	30.629	
4,500.00	3,376.69	2,902.65	2,771.63	48.56	17.25	-82.79	-2,539.67	525.59	1,721.18	1,665.02	56.16	30.647	
4,600.00	3,433.05	2,972.90	2,837.17	50.08	17.78	-84.80	-2,552.89	547.18	1,765.26	1,707.55	57.71	30.589 SF	
4,700.00	3,489.40	3,024.73	2,885.64	51.61	18.17	-86.26	-2,562.28	562.95	1,811.84	1,752.92	58.91	30.754	
4,800.00	3,545.75	3,071.04	2,928.92	53.13	18.51	-87.55	-2,570.41	577.27	1,861.22	1,801.25	59.98	31.033	
4,900.00	3,602.10	3,120.49	2,975.11	54.65	18.88	-88.90	-2,578.88	592.76	1,913.20	1,852.17	61.03	31.347	
5,000.00	3,658.46	3,174.00	3,025.08	56.18	19.28	-90.33	-2,587.91	609.64	1,967.50	1,905.39	62.11	31.678	
5,100.00	3,714.81	3,230.59	3,077.92	57.70	19.71	-91.81	-2,597.49	627.48	2,023.82	1,960.62	63.20	32.023	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 99-MWVD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	3,300.46	3,143.22	59.23	20.23	-93.58	-2,609.50	649.24	2,081.77	2,017.30	64.47	32.289		
5,300.00	3,827.51	3,392.03	3,229.23	60.75	20.89	-95.83	-2,624.88	676.63	2,140.77	2,074.71	66.06	32.406		
5,400.00	3,883.87	3,476.48	3,308.96	62.28	21.49	-97.81	-2,639.37	700.40	2,200.21	2,132.71	67.50	32.597		
5,500.00	3,940.22	3,522.88	3,352.71	63.80	21.82	-98.86	-2,647.69	713.44	2,261.08	2,192.77	68.31	33.099		
5,600.00	3,996.57	3,574.30	3,401.05	65.33	22.19	-99.98	-2,657.21	728.14	2,323.50	2,254.31	69.19	33.581		
5,700.00	4,052.93	3,631.71	3,455.04	66.86	22.60	-101.21	-2,667.76	744.57	2,387.14	2,316.99	70.15	34.029		
5,800.00	4,109.28	3,684.31	3,504.53	68.39	22.98	-102.30	-2,677.27	759.62	2,451.93	2,380.93	71.01	34.531		
5,900.00	4,165.63	3,736.00	3,553.19	69.91	23.35	-103.35	-2,686.42	774.48	2,517.87	2,446.04	71.83	35.052		
6,000.00	4,221.98	3,792.20	3,606.15	71.44	23.74	-104.47	-2,696.08	790.61	2,584.83	2,512.12	72.71	35.550		
6,100.00	4,278.34	3,830.00	3,641.83	72.97	24.01	-105.20	-2,702.38	801.40	2,652.73	2,579.46	73.27	36.207		
6,200.00	4,334.69	3,879.34	3,688.33	74.50	24.37	-106.14	-2,710.58	815.71	2,721.69	2,647.68	74.01	36.776		
6,300.00	4,391.04	3,923.00	3,729.33	76.03	24.68	-106.94	-2,717.96	828.78	2,791.84	2,717.20	74.65	37.401		
6,400.00	4,447.40	3,964.50	3,768.19	77.55	24.99	-107.68	-2,725.13	841.45	2,862.95	2,787.70	75.25	38.045		
6,500.00	4,503.75	4,017.00	3,817.26	79.08	25.38	-108.59	-2,734.45	857.63	2,934.79	2,858.75	76.05	38.593		
6,600.00	4,560.10	4,066.76	3,863.67	80.61	25.76	-109.41	-2,743.51	873.11	3,007.30	2,930.50	76.80	39.158		
6,700.00	4,616.45	4,117.58	3,910.99	82.14	26.15	-110.23	-2,752.95	889.07	3,080.44	3,002.86	77.57	39.710		
6,800.00	4,672.81	4,167.89	3,957.75	83.67	26.54	-111.01	-2,762.44	905.01	3,154.15	3,075.81	78.34	40.260		
6,900.00	4,729.16	4,239.24	4,024.05	85.20	27.08	-112.07	-2,775.98	927.66	3,228.37	3,148.88	79.49	40.614		
7,000.00	4,785.51	4,334.14	4,112.91	86.73	27.79	-113.46	-2,793.06	956.25	3,302.30	3,221.28	81.02	40.760		
7,100.00	4,841.86	4,399.78	4,174.42	88.26	28.27	-114.37	-2,805.15	975.70	3,376.33	3,294.30	82.03	41.160		
7,200.00	4,898.22	4,447.72	4,219.36	89.79	28.63	-115.02	-2,813.92	989.89	3,450.77	3,368.04	82.73	41.710		
7,300.00	4,954.57	4,496.08	4,264.76	91.32	28.98	-115.66	-2,822.47	1,004.19	3,525.71	3,442.27	83.44	42.255		
7,400.00	5,010.92	4,548.55	4,314.06	92.85	29.36	-116.34	-2,831.55	1,019.70	3,601.08	3,516.88	84.21	42.765		
7,500.00	5,067.28	4,598.04	4,360.59	94.38	29.72	-116.97	-2,839.95	1,034.31	3,676.85	3,591.93	84.92	43.298		
7,600.00	5,123.63	4,643.37	4,403.23	95.91	30.05	-117.54	-2,847.50	1,047.73	3,753.06	3,667.50	85.56	43.865		
7,700.00	5,179.98	4,673.00	4,431.10	97.44	30.26	-117.90	-2,852.33	1,056.53	3,829.75	3,743.82	85.93	44.569		
7,800.00	5,236.33	4,723.62	4,478.65	98.97	30.63	-118.50	-2,860.63	1,071.80	3,906.89	3,820.22	86.66	45.081		
7,900.00	5,292.69	4,767.00	4,519.26	100.50	30.95	-119.00	-2,867.87	1,085.21	3,984.56	3,897.28	87.28	45.653		
8,000.00	5,349.04	4,832.84	4,580.91	102.03	31.44	-119.74	-2,878.84	1,105.55	4,062.50	3,974.21	88.29	46.015		
8,100.00	5,405.39	4,935.76	4,677.73	103.56	32.18	-120.85	-2,895.53	1,136.22	4,140.26	4,050.35	89.91	46.051		
8,200.00	5,461.74	5,002.22	4,740.50	105.09	32.65	-121.55	-2,906.14	1,155.28	4,217.75	4,126.86	90.89	46.405		
8,300.00	5,518.10	5,048.00	4,783.73	106.62	32.97	-122.02	-2,913.54	1,168.44	4,295.43	4,203.90	91.53	46.928		
8,400.00	5,574.45	5,087.81	4,821.22	108.15	33.26	-122.42	-2,920.11	1,180.08	4,373.49	4,281.40	92.09	47.493		
8,500.00	5,630.80	5,120.71	4,852.10	109.68	33.50	-122.73	-2,925.68	1,189.99	4,452.02	4,359.49	92.53	48.114		
8,600.00	5,687.16	5,187.30	4,914.42	111.21	33.99	-123.34	-2,937.21	1,210.44	4,530.93	4,437.36	93.56	48.426		
8,700.00	5,743.51	5,585.02	5,294.35	112.75	36.53	-126.94	-2,998.41	1,309.13	4,607.55	4,508.04	99.50	46.306		
8,800.00	5,799.86	5,840.73	5,546.06	114.28	37.65	-129.37	-3,023.75	1,345.67	4,680.46	4,578.20	102.26	45.772		
8,900.00	5,856.21	5,905.93	5,610.80	115.81	37.89	-130.00	-3,028.03	1,352.14	4,753.13	4,650.28	102.85	46.215		
9,000.00	5,912.57	5,988.64	5,693.13	117.34	38.16	-130.81	-3,031.97	1,358.98	4,825.89	4,722.35	103.54	46.611		
9,100.00	5,968.92	6,073.43	5,777.70	118.87	38.41	-131.64	-3,034.56	1,364.46	4,898.64	4,794.46	104.18	47.022		
9,200.00	6,025.27	6,293.32	5,997.47	120.40	38.92	-133.82	-3,036.12	1,369.91	4,970.59	4,865.07	105.52	47.105		
9,300.00	6,081.63	6,350.23	6,054.39	121.93	39.03	-134.37	-3,036.22	1,369.97	5,041.99	4,936.13	105.86	47.629		
9,400.00	6,137.98	6,413.29	6,117.44	123.46	39.15	-134.96	-3,036.41	1,370.05	5,113.69	5,007.46	106.23	48.138		
9,500.00	6,194.33	6,478.02	6,182.17	125.00	39.28	-135.56	-3,036.64	1,370.03	5,185.63	5,079.03	106.60	48.644		
9,600.00	6,250.68	6,543.63	6,247.78	126.53	39.40	-136.16	-3,036.91	1,369.91	5,257.78	5,150.80	106.98	49.149		
9,700.00	6,307.04	6,626.11	6,330.26	128.06	39.55	-136.89	-3,037.31	1,369.48	5,330.05	5,222.61	107.43	49.613		
9,800.00	6,363.39	6,678.42	6,382.57	129.59	39.65	-137.35	-3,037.57	1,369.04	5,402.45	5,294.73	107.73	50.149		
9,900.00	6,419.74	6,724.19	6,428.33	131.12	39.73	-137.74	-3,037.71	1,368.70	5,475.25	5,367.26	107.99	50.703		
10,000.00	6,476.09	6,799.73	6,503.88	132.65	39.86	-138.38	-3,037.88	1,368.07	5,548.30	5,439.90	108.40	51.185		
10,100.00	6,532.45	6,865.99	6,570.13	134.18	39.98	-138.93	-3,038.17	1,367.34	5,621.40	5,512.64	108.76	51.686		
10,200.00	6,588.80	6,921.00	6,625.14	135.72	40.08	-139.37	-3,038.41	1,366.72	5,694.73	5,585.66	109.07	52.213		
10,300.00	6,645.15	6,970.40	6,674.53	137.25	40.17	-139.77	-3,038.63	1,366.20	5,768.35	5,659.00	109.35	52.753		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 99-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	7,015.00	6,719.13	138.78	40.25	-140.12	-3,038.79	1,365.81	5,842.29	5,732.69	109.60	53.307		
10,500.00	6,757.86	7,064.88	6,769.00	140.31	40.35	-140.50	-3,038.87	1,365.39	5,916.54	5,806.66	109.88	53.847		
10,600.00	6,813.28	7,117.27	6,821.39	141.87	40.44	-150.46	-3,038.75	1,364.89	5,993.14	5,882.97	110.18	54.396		
10,700.00	6,864.12	7,238.64	6,942.75	143.49	40.66	-167.91	-3,038.46	1,362.57	6,076.65	5,965.79	110.86	54.815		
10,800.00	6,908.67	7,294.21	6,998.30	145.14	40.76	170.80	-3,038.84	1,361.55	6,165.19	6,053.99	111.20	55.443		
10,900.00	6,945.58	7,338.98	7,043.07	146.73	40.85	146.12	-3,039.48	1,360.95	6,256.21	6,144.74	111.48	56.122		
11,000.00	6,973.71	7,373.27	7,077.35	148.22	40.92	123.00	-3,040.17	1,360.62	6,347.08	6,235.42	111.66	56.841		
11,100.00	6,992.22	7,395.92	7,099.99	149.55	40.97	105.73	-3,040.73	1,360.47	6,435.25	6,323.49	111.76	57.582		
11,200.00	7,000.54	7,405.00	7,109.07	150.69	40.99	94.35	-3,040.97	1,360.41	6,518.30	6,406.54	111.77	58.321		
11,300.00	7,001.00	7,406.09	7,110.16	151.65	40.99	91.90	-3,040.99	1,360.41	6,596.25	6,484.52	111.74	59.034		
11,400.00	7,001.00	7,406.68	7,110.74	152.64	41.00	91.91	-3,041.01	1,360.40	6,674.42	6,562.71	111.72	59.743		
11,500.00	7,001.00	7,407.26	7,111.32	153.65	41.00	91.92	-3,041.02	1,360.40	6,753.17	6,641.46	111.71	60.452		
11,600.00	7,001.00	7,407.84	7,111.90	154.69	41.00	91.92	-3,041.04	1,360.40	6,832.48	6,720.76	111.71	61.161		
11,700.00	7,001.00	7,408.41	7,112.48	155.76	41.00	91.93	-3,041.06	1,360.39	6,912.32	6,800.60	111.72	61.870		
11,800.00	7,001.00	7,408.99	7,113.05	156.85	41.00	91.94	-3,041.07	1,360.39	6,992.68	6,880.94	111.74	62.580		
11,900.00	7,001.00	7,409.55	7,113.62	157.98	41.00	91.95	-3,041.09	1,360.39	7,073.54	6,961.77	111.77	63.289		
12,000.00	7,001.00	7,410.12	7,114.18	159.14	41.00	91.96	-3,041.10	1,360.38	7,154.88	7,043.08	111.80	63.998		
12,100.00	7,001.00	7,410.68	7,114.75	160.32	41.00	91.96	-3,041.11	1,360.38	7,236.69	7,124.86	111.84	64.708		
12,200.00	7,001.00	7,411.24	7,115.31	161.54	41.01	91.97	-3,041.13	1,360.38	7,318.96	7,207.08	111.88	65.417		
12,300.00	7,001.00	7,411.80	7,115.86	162.78	41.01	91.98	-3,041.14	1,360.38	7,401.66	7,289.73	111.93	66.127		
12,400.00	7,001.00	7,412.36	7,116.42	164.06	41.01	91.99	-3,041.16	1,360.37	7,484.78	7,372.79	111.99	66.836		
12,500.00	7,001.00	7,412.91	7,116.97	165.36	41.01	91.99	-3,041.17	1,360.37	7,568.31	7,456.26	112.05	67.546		
12,600.00	7,001.00	7,413.45	7,117.52	166.69	41.01	92.00	-3,041.19	1,360.37	7,652.24	7,540.13	112.11	68.256		
12,700.00	7,001.00	7,414.00	7,118.06	168.05	41.01	92.01	-3,041.20	1,360.36	7,736.54	7,624.36	112.18	68.965		
12,800.00	7,001.00	7,414.54	7,118.60	169.44	41.01	92.02	-3,041.22	1,360.36	7,821.22	7,708.97	112.25	69.675		
12,900.00	7,001.00	7,415.08	7,119.14	170.86	41.01	92.02	-3,041.23	1,360.36	7,906.26	7,793.93	112.33	70.386		
13,000.00	7,001.00	7,415.62	7,119.68	172.30	41.02	92.03	-3,041.25	1,360.35	7,991.64	7,879.23	112.41	71.096		
13,100.00	7,001.00	7,416.15	7,120.21	173.78	41.02	92.04	-3,041.26	1,360.35	8,077.36	7,964.87	112.49	71.806		
13,200.00	7,001.00	7,416.68	7,120.74	175.28	41.02	92.05	-3,041.27	1,360.35	8,163.40	8,050.83	112.57	72.517		
13,300.00	7,001.00	7,417.21	7,121.27	176.80	41.02	92.05	-3,041.29	1,360.35	8,249.76	8,137.10	112.66	73.228		
13,400.00	7,001.00	7,417.74	7,121.80	178.36	41.02	92.06	-3,041.30	1,360.34	8,336.42	8,223.67	112.75	73.939		
13,500.00	7,001.00	7,418.26	7,122.32	179.94	41.02	92.07	-3,041.32	1,360.34	8,423.38	8,310.54	112.84	74.650		
13,600.00	7,001.00	7,418.78	7,122.84	181.55	41.02	92.08	-3,041.33	1,360.34	8,510.62	8,397.69	112.93	75.361		
13,700.00	7,001.00	7,419.30	7,123.36	183.18	41.02	92.08	-3,041.34	1,360.33	8,598.14	8,485.12	113.03	76.073		
13,800.00	7,001.00	7,419.81	7,123.87	184.84	41.02	92.09	-3,041.36	1,360.33	8,685.93	8,572.81	113.12	76.784		
13,900.00	7,001.00	7,420.32	7,124.38	186.52	41.03	92.10	-3,041.37	1,360.33	8,773.99	8,660.77	113.22	77.496		
14,000.00	7,001.00	7,420.83	7,124.89	188.23	41.03	92.10	-3,041.38	1,360.33	8,862.29	8,748.98	113.32	78.209		
14,100.00	7,001.00	7,421.34	7,125.40	189.97	41.03	92.11	-3,041.40	1,360.32	8,950.84	8,837.43	113.42	78.921		
14,200.00	7,001.00	7,421.84	7,125.90	191.72	41.03	92.12	-3,041.41	1,360.32	9,039.63	8,926.12	113.52	79.634		
14,300.00	7,001.00	7,422.35	7,126.40	193.50	41.03	92.12	-3,041.42	1,360.32	9,128.66	9,015.04	113.62	80.346		
14,400.00	7,001.00	7,422.85	7,126.90	195.30	41.03	92.13	-3,041.44	1,360.32	9,217.90	9,104.19	113.72	81.059		
14,500.00	7,001.00	7,423.34	7,127.40	197.13	41.03	92.14	-3,041.45	1,360.31	9,307.37	9,193.55	113.82	81.773		
14,600.00	7,001.00	7,423.84	7,127.89	198.98	41.03	92.15	-3,041.46	1,360.31	9,397.05	9,283.13	113.92	82.486		
14,700.00	7,001.00	7,424.33	7,128.38	200.85	41.03	92.15	-3,041.48	1,360.31	9,486.93	9,372.91	114.03	83.200		
14,800.00	7,001.00	7,424.82	7,128.87	202.73	41.04	92.16	-3,041.49	1,360.31	9,577.02	9,462.89	114.13	83.914		
14,900.00	7,001.00	7,425.30	7,129.36	204.64	41.04	92.17	-3,041.50	1,360.30	9,667.30	9,553.07	114.23	84.628		
15,000.00	7,001.00	7,425.79	7,129.84	206.57	41.04	92.17	-3,041.52	1,360.30	9,757.77	9,643.43	114.34	85.342		
15,100.00	7,001.00	7,426.27	7,130.33	208.52	41.04	92.18	-3,041.53	1,360.30	9,848.42	9,733.98	114.44	86.056		
15,200.00	7,001.00	7,426.75	7,130.80	210.49	41.04	92.19	-3,041.54	1,360.30	9,939.26	9,824.71	114.55	86.771		
15,300.00	7,001.00	7,427.22	7,131.28	212.48	41.04	92.19	-3,041.56	1,360.29	10,030.26	9,915.61	114.65	87.486		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 98-MWVD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
100.00	100.00	88.96	88.96	0.27	0.14	-176.06	-2,129.72	-146.73	2,134.84	2,134.43	0.40	5,294.499	
200.00	199.98	186.00	185.99	0.62	0.46	-20.86	-2,128.95	-148.02	2,132.51	2,131.43	1.08	1,972.009	
300.00	299.84	277.00	276.98	0.97	0.79	-20.93	-2,128.45	-148.72	2,127.12	2,125.36	1.76	1,207.944	
400.00	399.45	367.00	366.98	1.34	1.09	-21.07	-2,128.62	-148.39	2,119.13	2,116.70	2.43	871.309	
500.00	498.70	415.13	415.09	1.74	1.26	-21.21	-2,129.49	-147.93	2,109.33	2,106.36	2.96	712.258	
600.00	597.47	458.00	457.94	2.17	1.41	-21.38	-2,131.00	-147.40	2,098.45	2,094.97	3.48	603.088	
700.00	695.62	550.00	549.77	2.62	1.73	-21.71	-2,136.15	-145.38	2,086.07	2,081.88	4.18	498.468	
800.00	793.06	616.00	615.56	3.12	1.96	-22.04	-2,140.94	-143.26	2,071.89	2,067.08	4.81	430.605	
900.00	889.64	688.51	687.77	3.65	2.23	-22.46	-2,146.72	-140.15	2,055.49	2,050.01	5.48	375.233	
1,000.00	985.27	738.00	737.00	4.23	2.42	-22.83	-2,151.28	-137.87	2,037.49	2,031.41	6.07	335.424	
1,100.00	1,079.82	832.00	830.26	4.85	2.78	-23.50	-2,161.65	-132.47	2,017.92	2,011.06	6.86	294.207	
1,200.00	1,173.17	881.20	878.93	5.52	2.98	-23.98	-2,167.99	-129.11	1,996.90	1,989.41	7.50	266.411	
1,300.00	1,265.21	946.21	943.13	6.24	3.25	-24.62	-2,177.21	-124.63	1,974.53	1,966.31	8.22	240.343	
1,400.00	1,355.84	1,019.00	1,014.80	7.01	3.57	-25.39	-2,188.69	-119.16	1,950.79	1,941.80	8.99	216.938	
1,500.00	1,444.84	1,079.13	1,073.82	7.83	3.84	-26.13	-2,198.98	-113.99	1,925.60	1,915.84	9.75	197.444	
1,600.00	1,532.39	1,145.12	1,138.37	8.70	4.14	-27.02	-2,211.00	-107.40	1,898.98	1,888.42	10.56	179.752	
1,700.00	1,618.11	1,207.00	1,198.68	9.62	4.44	-27.95	-2,223.10	-100.65	1,871.19	1,859.79	11.40	164.146	
1,800.00	1,701.97	1,263.60	1,253.59	10.59	4.72	-28.91	-2,235.03	-93.86	1,842.52	1,830.27	12.25	150.378	
1,900.00	1,783.88	1,318.30	1,306.34	11.62	5.01	-29.93	-2,247.46	-86.55	1,813.26	1,800.12	13.14	138.001	
2,000.00	1,863.74	1,372.21	1,358.04	12.69	5.30	-31.02	-2,260.60	-78.75	1,783.54	1,769.47	14.07	126.756	
2,100.00	1,941.45	1,427.93	1,411.16	13.81	5.62	-32.21	-2,275.06	-70.12	1,753.46	1,738.40	15.06	116.405	
2,200.00	2,016.92	1,488.00	1,468.10	14.98	5.98	-33.57	-2,291.48	-60.28	1,723.04	1,706.90	16.14	106.775	
2,300.00	2,090.05	1,540.84	1,517.89	16.19	6.31	-34.89	-2,306.62	-51.18	1,692.40	1,675.16	17.24	98.193	
2,400.00	2,160.76	1,597.25	1,570.77	17.45	6.67	-36.36	-2,323.47	-41.06	1,661.71	1,643.29	18.42	90.206	
2,500.00	2,228.95	1,655.31	1,624.91	18.76	7.05	-37.95	-2,341.45	-30.25	1,631.05	1,611.36	19.69	82.819	
2,600.00	2,294.55	1,712.05	1,677.55	20.11	7.44	-39.60	-2,359.62	-19.41	1,600.60	1,579.56	21.04	76.075	
2,700.00	2,357.48	1,769.00	1,730.14	21.50	7.84	-41.33	-2,378.53	-8.45	1,570.58	1,548.11	22.47	69.889	
2,800.00	2,417.66	1,829.34	1,785.65	22.94	8.28	-43.23	-2,399.19	3.11	1,541.09	1,517.07	24.03	64.139	
2,900.00	2,475.05	1,895.92	1,846.74	24.41	8.77	-45.30	-2,422.50	15.67	1,512.18	1,486.44	25.74	58.756	
3,000.00	2,531.40	1,968.02	1,912.89	25.89	9.31	-47.21	-2,447.91	28.94	1,485.10	1,457.51	27.58	53.839	
3,100.00	2,587.75	2,034.36	1,973.71	27.39	9.80	-49.00	-2,471.37	41.27	1,460.98	1,431.52	29.46	49.586	
3,200.00	2,644.11	2,114.94	2,047.59	28.89	10.41	-51.23	-2,499.66	56.56	1,439.84	1,408.28	31.56	45.622	
3,300.00	2,700.46	2,184.16	2,111.20	30.39	10.94	-53.17	-2,523.58	69.70	1,421.47	1,387.84	33.63	42.274	
3,400.00	2,756.81	2,250.10	2,171.65	31.89	11.44	-55.04	-2,546.75	82.24	1,406.75	1,371.03	35.72	39.385	
3,500.00	2,813.17	2,339.16	2,253.47	33.40	12.12	-57.59	-2,577.78	98.82	1,395.03	1,356.91	38.12	36.593	
3,600.00	2,869.52	2,438.16	2,345.12	34.91	12.86	-60.47	-2,610.76	116.50	1,385.43	1,344.73	40.70	34.041	
3,700.00	2,925.87	2,510.99	2,412.84	36.42	13.39	-62.61	-2,634.27	129.36	1,378.74	1,335.71	43.03	32.042	
3,800.00	2,982.22	2,587.49	2,484.05	37.93	13.95	-64.87	-2,658.82	142.74	1,375.48	1,330.06	45.43	30.279	
3,846.40	3,008.37	2,622.04	2,516.24	38.64	14.20	-65.89	-2,669.92	148.62	1,375.10	1,328.57	46.53	29.552 CC	
3,900.00	3,038.58	2,658.55	2,550.25	39.45	14.46	-66.96	-2,681.65	154.84	1,375.65	1,327.88	47.77	28.800 ES	
4,000.00	3,094.93	2,722.94	2,610.19	40.96	14.93	-68.86	-2,702.38	165.91	1,379.58	1,329.57	50.01	27.586	
4,100.00	3,151.28	2,779.23	2,662.41	42.48	15.35	-70.50	-2,720.90	175.87	1,387.70	1,335.59	52.11	26.630	
4,200.00	3,207.63	2,843.48	2,721.77	44.00	15.84	-72.36	-2,742.55	187.51	1,399.94	1,345.67	54.27	25.794	
4,300.00	3,263.99	2,919.27	2,791.73	45.52	16.41	-74.53	-2,768.23	201.29	1,415.70	1,359.14	56.56	25.031	
4,400.00	3,320.34	3,011.26	2,877.10	47.04	17.10	-77.14	-2,798.49	217.39	1,433.92	1,374.89	59.03	24.291	
4,500.00	3,376.69	3,092.16	2,952.49	48.56	17.69	-79.39	-2,824.58	230.79	1,454.52	1,393.24	61.28	23.737	
4,600.00	3,433.05	3,151.19	3,007.48	50.08	18.12	-81.02	-2,843.62	240.70	1,478.34	1,415.22	63.11	23.423	
4,700.00	3,489.40	3,214.24	3,066.10	51.61	18.59	-82.73	-2,864.08	251.69	1,505.60	1,440.67	64.93	23.187	
4,800.00	3,545.75	3,281.89	3,128.90	53.13	19.09	-84.52	-2,886.19	263.68	1,535.88	1,469.13	66.75	23.010	
4,900.00	3,602.10	3,357.29	3,198.99	54.65	19.65	-86.48	-2,910.56	277.03	1,568.70	1,500.09	68.62	22.862	
5,000.00	3,658.46	3,424.03	3,261.18	56.18	20.14	-88.19	-2,931.70	288.91	1,603.96	1,533.70	70.26	22.830	
5,100.00	3,714.81	3,499.36	3,331.48	57.70	20.69	-90.08	-2,955.09	302.48	1,641.64	1,569.68	71.96	22.812 SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 98-MWVD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	3,575.93	3,403.17	59.23	21.24	-91.96	-2,978.44	315.85	1,681.10	1,607.48	73.62	22.835		
5,300.00	3,827.51	3,642.00	3,465.18	60.75	21.71	-93.55	-2,998.03	327.48	1,722.69	1,647.67	75.02	22.963		
5,400.00	3,883.87	3,700.41	3,520.01	62.28	22.12	-94.93	-3,015.19	338.00	1,766.55	1,690.32	76.22	23.176		
5,500.00	3,940.22	3,792.39	3,606.37	63.80	22.77	-97.03	-3,042.15	354.59	1,812.36	1,734.42	77.94	23.252		
5,600.00	3,996.57	3,879.29	3,688.56	65.33	23.36	-98.96	-3,066.62	368.68	1,858.50	1,778.99	79.50	23.376		
5,700.00	4,052.93	3,943.87	3,749.51	66.86	23.81	-100.34	-3,085.28	379.09	1,906.24	1,825.59	80.65	23.635		
5,800.00	4,109.28	4,002.39	3,804.50	68.39	24.22	-101.54	-3,102.75	388.82	1,955.79	1,874.12	81.67	23.947		
5,900.00	4,165.63	4,059.66	3,858.05	69.91	24.63	-102.66	-3,120.46	398.72	2,007.07	1,924.43	82.65	24.285		
6,000.00	4,221.98	4,117.39	3,911.68	71.44	25.06	-103.73	-3,139.10	409.14	2,060.00	1,976.38	83.61	24.637		
6,100.00	4,278.34	4,178.95	3,968.51	72.97	25.54	-104.81	-3,159.78	420.65	2,114.33	2,029.67	84.66	24.975		
6,200.00	4,334.69	4,246.12	4,030.13	74.50	26.07	-105.93	-3,183.20	433.58	2,169.84	2,084.03	85.81	25.286		
6,300.00	4,391.04	4,329.54	4,106.22	76.03	26.74	-107.23	-3,213.33	449.74	2,226.14	2,138.84	87.30	25.500		
6,400.00	4,447.40	4,417.98	4,186.94	77.55	27.45	-108.55	-3,245.61	466.00	2,282.36	2,193.48	88.88	25.679		
6,500.00	4,503.75	4,474.32	4,238.26	79.08	27.91	-109.35	-3,266.31	476.52	2,339.48	2,249.67	89.81	26.049		
6,600.00	4,560.10	4,537.94	4,296.16	80.61	28.43	-110.22	-3,289.68	488.77	2,397.63	2,306.75	90.88	26.383		
6,700.00	4,616.45	4,616.11	4,367.47	82.14	29.06	-111.27	-3,317.92	503.85	2,456.49	2,364.27	92.22	26.637		
6,800.00	4,672.81	4,709.95	4,453.38	83.67	29.82	-112.49	-3,351.50	521.12	2,515.32	2,421.46	93.85	26.800		
6,900.00	4,729.16	4,794.28	4,530.13	85.20	30.50	-113.50	-3,382.91	536.42	2,574.22	2,478.91	95.31	27.008		
7,000.00	4,785.51	4,872.73	4,601.83	86.73	31.13	-114.42	-3,411.59	550.23	2,633.34	2,536.70	96.63	27.251		
7,100.00	4,841.86	4,942.69	4,666.28	88.26	31.67	-115.24	-3,436.04	562.18	2,692.89	2,595.15	97.75	27.550		
7,200.00	4,898.22	5,002.99	4,722.19	89.79	32.13	-115.95	-3,456.22	572.33	2,753.07	2,654.43	98.64	27.911		
7,300.00	4,954.57	5,060.49	4,775.73	91.32	32.55	-116.62	-3,474.77	582.08	2,814.05	2,714.59	99.45	28.295		
7,400.00	5,010.92	5,116.84	4,828.41	92.85	32.96	-117.27	-3,492.32	591.70	2,875.81	2,775.59	100.22	28.694		
7,500.00	5,067.28	5,192.07	4,899.00	94.38	33.50	-118.14	-3,514.97	604.48	2,938.23	2,836.92	101.31	29.003		
7,600.00	5,123.63	5,276.83	4,978.81	95.91	34.09	-119.09	-3,539.99	618.23	3,000.69	2,898.15	102.53	29.266		
7,700.00	5,179.98	5,399.21	5,094.98	97.44	34.89	-120.46	-3,574.00	636.14	3,063.14	2,958.85	104.29	29.370		
7,800.00	5,236.33	5,477.15	5,170.11	98.97	35.34	-121.37	-3,592.66	645.07	3,124.86	3,019.66	105.20	29.703		
7,900.00	5,292.69	5,544.10	5,235.14	100.50	35.71	-122.17	-3,606.95	652.09	3,187.19	3,081.31	105.89	30.100		
8,000.00	5,349.04	5,621.24	5,310.45	102.03	36.10	-123.09	-3,622.03	659.35	3,249.86	3,143.22	106.65	30.473		
8,100.00	5,405.39	5,686.83	5,374.83	103.56	36.41	-123.88	-3,633.35	664.74	3,312.96	3,205.76	107.20	30.905		
8,200.00	5,461.74	5,755.77	5,442.84	105.09	36.70	-124.73	-3,643.50	669.54	3,376.56	3,268.85	107.71	31.348		
8,300.00	5,518.10	5,830.10	5,516.49	106.62	37.00	-125.66	-3,652.63	673.65	3,440.59	3,332.36	108.22	31.792		
8,400.00	5,574.45	5,910.28	5,596.05	108.15	37.29	-126.64	-3,661.82	677.34	3,504.86	3,396.12	108.75	32.229		
8,500.00	5,630.80	5,983.80	5,669.12	109.68	37.55	-127.53	-3,669.56	680.04	3,569.45	3,460.27	109.18	32.694		
8,600.00	5,687.16	6,041.36	5,726.40	111.21	37.74	-128.23	-3,675.01	681.77	3,634.51	3,525.07	109.44	33.211		
8,700.00	5,743.51	6,101.30	5,786.10	112.75	37.93	-128.94	-3,680.09	683.33	3,700.17	3,590.47	109.70	33.731		
8,800.00	5,799.86	6,167.08	5,851.67	114.28	38.14	-129.72	-3,685.10	684.67	3,766.29	3,656.31	109.98	34.245		
8,900.00	5,856.21	6,220.04	5,904.51	115.81	38.29	-130.34	-3,688.69	685.50	3,832.93	3,722.79	110.14	34.800		
9,000.00	5,912.57	6,266.00	5,950.38	117.34	38.42	-130.88	-3,691.44	686.13	3,900.20	3,789.96	110.24	35.379		
9,100.00	5,968.92	6,310.55	5,994.87	118.87	38.54	-131.39	-3,693.71	686.69	3,968.17	3,857.86	110.31	35.972		
9,200.00	6,025.27	6,359.00	6,043.27	120.40	38.67	-131.95	-3,695.65	687.30	4,036.90	3,926.50	110.40	36.566		
9,300.00	6,081.63	6,388.12	6,072.37	121.93	38.74	-132.29	-3,696.55	687.66	4,106.33	3,996.00	110.34	37.217		
9,400.00	6,137.98	6,425.14	6,109.39	123.46	38.83	-132.71	-3,697.37	688.11	4,176.50	4,066.18	110.32	37.859		
9,500.00	6,194.33	6,471.75	6,155.99	125.00	38.94	-133.24	-3,697.97	688.64	4,247.35	4,137.00	110.36	38.487		
9,600.00	6,250.68	6,553.34	6,237.57	126.53	39.12	-134.15	-3,698.95	689.27	4,318.47	4,207.83	110.64	39.033		
9,700.00	6,307.04	6,616.82	6,301.05	128.06	39.27	-134.84	-3,699.78	689.54	4,389.77	4,278.97	110.80	39.620		
9,800.00	6,363.39	6,676.07	6,360.28	129.59	39.40	-135.47	-3,700.56	689.70	4,461.36	4,350.43	110.93	40.218		
9,900.00	6,419.74	6,731.66	6,415.87	131.12	39.52	-136.05	-3,701.13	689.74	4,533.32	4,422.28	111.04	40.827		
10,000.00	6,476.09	6,808.09	6,492.30	132.65	39.69	-136.83	-3,701.94	689.64	4,605.51	4,494.22	111.29	41.384		
10,100.00	6,532.45	6,871.40	6,555.60	134.18	39.83	-137.46	-3,702.77	689.42	4,677.84	4,566.39	111.46	41.970		
10,200.00	6,588.80	6,932.64	6,616.84	135.72	39.96	-138.05	-3,703.47	689.10	4,750.46	4,638.85	111.62	42.561		
10,300.00	6,645.15	7,015.38	6,699.57	137.25	40.14	-138.83	-3,704.67	688.53	4,823.19	4,711.26	111.93	43.092		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 98-MWVD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	7,086.13	6,770.30	138.78	40.30	-139.48	-3,706.06	687.97	4,895.97	4,783.80	112.18	43.646		
10,500.00	6,757.86	7,150.65	6,834.81	140.31	40.45	-140.05	-3,707.58	687.48	4,968.90	4,856.50	112.40	44.209		
10,600.00	6,813.28	7,210.20	6,894.33	141.87	40.60	-149.85	-3,709.15	687.12	5,044.15	4,931.52	112.62	44.788		
10,700.00	6,864.12	7,258.97	6,943.08	143.49	40.72	-166.43	-3,710.60	686.98	5,127.05	5,014.17	112.89	45.417		
10,800.00	6,908.67	7,306.73	6,990.82	145.14	40.84	172.69	-3,712.23	687.05	5,215.46	5,102.23	113.23	46.059		
10,900.00	6,945.58	7,373.91	7,057.92	146.73	41.03	148.36	-3,715.25	687.48	5,306.51	5,192.70	113.81	46.624		
11,000.00	6,973.71	7,451.60	7,135.47	148.22	41.26	125.77	-3,719.84	688.19	5,397.51	5,282.96	114.55	47.121		
11,100.00	6,992.22	7,461.00	7,144.85	149.55	41.29	107.60	-3,720.55	688.20	5,485.97	5,371.21	114.76	47.805		
11,200.00	7,000.54	7,469.21	7,153.04	150.69	41.31	95.60	-3,721.06	688.27	5,569.84	5,454.83	115.01	48.431		
11,300.00	7,001.00	7,468.92	7,152.75	151.65	41.31	92.98	-3,721.04	688.26	5,648.92	5,533.69	115.23	49.022		
11,400.00	7,001.00	7,468.13	7,151.96	152.64	41.31	92.97	-3,720.99	688.26	5,728.31	5,612.85	115.46	49.613		
11,500.00	7,001.00	7,467.33	7,151.17	153.65	41.31	92.95	-3,720.94	688.25	5,808.33	5,692.64	115.69	50.207		
11,600.00	7,001.00	7,466.54	7,150.38	154.69	41.30	92.94	-3,720.89	688.25	5,888.96	5,773.05	115.91	50.805		
11,700.00	7,001.00	7,465.75	7,149.59	155.76	41.30	92.93	-3,720.84	688.24	5,970.18	5,854.05	116.14	51.406		
11,800.00	7,001.00	7,464.96	7,148.79	156.85	41.30	92.91	-3,720.79	688.23	6,051.97	5,935.61	116.36	52.011		
11,900.00	7,001.00	7,464.16	7,148.00	157.98	41.30	92.90	-3,720.74	688.23	6,134.29	6,017.71	116.58	52.618		
12,000.00	7,001.00	7,463.37	7,147.21	159.14	41.29	92.89	-3,720.69	688.22	6,217.13	6,100.33	116.80	53.229		
12,100.00	7,001.00	7,462.58	7,146.42	160.32	41.29	92.87	-3,720.65	688.21	6,300.46	6,183.45	117.02	53.843		
12,200.00	7,001.00	7,461.79	7,145.63	161.54	41.29	92.86	-3,720.60	688.21	6,384.28	6,267.05	117.23	54.460		
12,300.00	7,001.00	7,460.99	7,144.84	162.78	41.29	92.85	-3,720.55	688.20	6,468.56	6,351.12	117.44	55.080		
12,400.00	7,001.00	7,460.20	7,144.05	164.06	41.29	92.83	-3,720.50	688.20	6,553.28	6,435.63	117.65	55.702		
12,500.00	7,001.00	7,459.41	7,143.26	165.36	41.28	92.82	-3,720.45	688.19	6,638.42	6,520.56	117.85	56.327		
12,600.00	7,001.00	7,458.61	7,142.47	166.69	41.28	92.81	-3,720.40	688.18	6,723.97	6,605.91	118.06	56.955		
12,700.00	7,001.00	7,457.82	7,141.67	168.05	41.28	92.79	-3,720.35	688.18	6,809.92	6,691.66	118.26	57.585		
12,800.00	7,001.00	7,457.03	7,140.88	169.44	41.28	92.78	-3,720.30	688.17	6,896.24	6,777.79	118.46	58.218		
12,900.00	7,001.00	7,456.24	7,140.09	170.86	41.27	92.77	-3,720.25	688.16	6,982.93	6,864.28	118.65	58.853		
13,000.00	7,001.00	7,455.44	7,139.30	172.30	41.27	92.76	-3,720.20	688.16	7,069.97	6,951.13	118.84	59.490		
13,100.00	7,001.00	7,454.65	7,138.51	173.78	41.27	92.74	-3,720.15	688.15	7,157.35	7,038.32	119.03	60.130		
13,200.00	7,001.00	7,453.86	7,137.72	175.28	41.27	92.73	-3,720.10	688.15	7,245.06	7,125.84	119.22	60.772		
13,300.00	7,001.00	7,453.07	7,136.93	176.80	41.26	92.72	-3,720.05	688.14	7,333.08	7,213.68	119.40	61.416		
13,400.00	7,001.00	7,452.27	7,136.14	178.36	41.26	92.70	-3,720.00	688.13	7,421.40	7,301.82	119.58	62.062		
13,500.00	7,001.00	7,451.48	7,135.34	179.94	41.26	92.69	-3,719.96	688.13	7,510.02	7,390.26	119.76	62.710		
13,600.00	7,001.00	7,450.69	7,134.55	181.55	41.26	92.68	-3,719.91	688.12	7,598.92	7,478.98	119.93	63.360		
13,700.00	7,001.00	7,449.89	7,133.76	183.18	41.25	92.66	-3,719.86	688.12	7,688.09	7,567.98	120.10	64.011		
13,800.00	7,001.00	7,449.10	7,132.97	184.84	41.25	92.65	-3,719.81	688.11	7,777.52	7,657.25	120.27	64.665		
13,900.00	7,001.00	7,448.31	7,132.18	186.52	41.25	92.64	-3,719.76	688.10	7,867.21	7,746.77	120.44	65.320		
14,000.00	7,001.00	7,447.52	7,131.39	188.23	41.25	92.62	-3,719.71	688.10	7,957.15	7,836.54	120.60	65.977		
14,100.00	7,001.00	7,446.72	7,130.60	189.97	41.24	92.61	-3,719.66	688.09	8,047.32	7,926.56	120.77	66.636		
14,200.00	7,001.00	7,445.93	7,129.81	191.72	41.24	92.60	-3,719.61	688.08	8,137.72	8,016.80	120.92	67.296		
14,300.00	7,001.00	7,445.14	7,129.02	193.50	41.24	92.58	-3,719.56	688.08	8,228.35	8,107.27	121.08	67.957		
14,400.00	7,001.00	7,444.35	7,128.22	195.30	41.24	92.57	-3,719.51	688.07	8,319.19	8,197.95	121.24	68.620		
14,500.00	7,001.00	7,501.46	7,185.22	197.13	41.41	93.52	-3,723.18	688.46	8,410.33	8,288.53	121.80	69.053		
14,600.00	7,001.00	7,497.40	7,181.17	198.98	41.40	93.45	-3,722.90	688.44	8,501.58	8,379.66	121.92	69.731		
14,700.00	7,001.00	7,492.76	7,176.54	200.85	41.38	93.37	-3,722.58	688.42	8,593.03	8,470.99	122.04	70.412		
14,800.00	7,001.00	7,487.42	7,171.21	202.73	41.37	93.29	-3,722.21	688.40	8,684.66	8,562.51	122.15	71.098		
14,900.00	7,001.00	7,481.20	7,165.00	204.64	41.35	93.18	-3,721.79	688.37	8,776.48	8,654.22	122.25	71.789		
15,000.00	7,001.00	7,473.86	7,157.69	206.57	41.33	93.06	-3,721.30	688.33	8,868.47	8,746.12	122.35	72.486		
15,100.00	7,001.00	7,465.09	7,148.93	208.52	41.30	92.92	-3,720.72	688.28	8,960.64	8,838.21	122.43	73.190		
15,200.00	7,001.00	7,454.40	7,138.27	210.49	41.27	92.74	-3,720.02	688.21	9,052.97	8,930.47	122.50	73.904		
15,300.00	7,001.00	7,441.11	7,125.00	212.48	41.23	92.52	-3,719.18	688.12	9,145.46	9,022.91	122.54	74.630		
15,400.00	7,001.00	7,424.11	7,108.03	214.48	41.18	92.24	-3,718.13	687.98	9,238.10	9,115.53	122.57	75.372		
15,500.00	7,001.00	7,401.60	7,085.57	216.51	41.11	91.86	-3,716.80	687.77	9,330.90	9,208.35	122.55	76.139		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 98-MWD												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,600.00	7,001.00	7,389.34	7,073.33	218.55	41.07	91.66	-3,716.09	687.64	9,423.84	9,301.24	122.60	76.865	
15,700.00	7,001.00	7,388.23	7,072.22	220.60	41.07	91.64	-3,716.03	687.63	9,516.92	9,394.19	122.73	77.544	
15,800.00	7,001.00	7,387.13	7,071.13	222.68	41.07	91.62	-3,715.97	687.62	9,610.14	9,487.29	122.85	78.225	
15,900.00	7,001.00	7,386.06	7,070.05	224.76	41.06	91.61	-3,715.91	687.60	9,703.50	9,580.52	122.98	78.906	
16,000.00	7,001.00	7,385.01	7,069.00	226.87	41.06	91.59	-3,715.85	687.59	9,796.99	9,673.89	123.10	79.587	
16,100.00	7,001.00	7,383.97	7,067.97	228.99	41.06	91.57	-3,715.79	687.58	9,890.60	9,767.39	123.22	80.270	
16,200.00	7,001.00	7,382.95	7,066.95	231.12	41.06	91.56	-3,715.74	687.57	9,984.34	9,861.01	123.34	80.953	
16,300.00	7,001.00	7,381.95	7,065.95	233.27	41.05	91.54	-3,715.68	687.56	10,078.20	9,954.75	123.45	81.637	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 128-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
100.00	100.00	90.85	90.85	0.27	0.14	-175.68	-2,130.04	-161.09	2,136.21	2,135.80	0.41	5,179.853	
200.00	199.98	190.88	190.87	0.62	0.43	-20.50	-2,128.88	-161.50	2,133.46	2,132.41	1.05	2,041.495	
300.00	299.84	274.29	274.28	0.97	0.72	-20.57	-2,128.36	-162.03	2,127.98	2,126.28	1.70	1,255.016	
400.00	399.45	366.04	366.02	1.34	1.05	-20.68	-2,128.42	-162.66	2,119.93	2,117.55	2.38	889.756	
500.00	498.70	439.39	439.38	1.74	1.30	-20.84	-2,128.82	-163.09	2,109.17	2,106.16	3.01	701.518	
600.00	597.47	504.75	504.72	2.17	1.53	-21.03	-2,130.33	-163.17	2,096.81	2,093.20	3.61	581.349	
700.00	695.62	580.00	579.91	2.62	1.79	-21.30	-2,133.10	-162.53	2,082.54	2,078.30	4.25	490.178	
800.00	793.06	667.55	667.36	3.12	2.09	-21.66	-2,137.08	-161.31	2,065.93	2,060.98	4.95	417.542	
900.00	889.64	762.52	762.21	3.65	2.43	-22.11	-2,141.72	-160.30	2,046.52	2,040.83	5.69	359.752	
1,000.00	985.27	864.72	864.29	4.23	2.80	-22.65	-2,146.51	-159.26	2,023.82	2,017.35	6.47	312.756	
1,100.00	1,079.82	952.90	952.38	4.85	3.12	-23.22	-2,150.63	-158.38	1,998.08	1,990.86	7.22	276.782	
1,200.00	1,173.17	1,019.00	1,018.37	5.52	3.36	-23.77	-2,154.21	-157.41	1,970.12	1,962.21	7.91	249.181	
1,300.00	1,265.21	1,081.02	1,080.22	6.24	3.59	-24.36	-2,158.53	-156.17	1,940.70	1,932.10	8.60	225.644	
1,400.00	1,355.84	1,139.10	1,138.05	7.01	3.80	-24.99	-2,163.81	-154.82	1,910.27	1,900.97	9.30	205.322	
1,500.00	1,444.84	1,206.00	1,204.55	7.83	4.06	-25.74	-2,171.01	-153.73	1,878.60	1,868.53	10.06	186.666	
1,600.00	1,532.39	1,266.26	1,264.34	8.70	4.30	-26.50	-2,178.41	-152.60	1,845.58	1,834.75	10.83	170.439	
1,700.00	1,618.11	1,327.24	1,324.71	9.62	4.54	-27.37	-2,186.74	-150.60	1,811.28	1,799.65	11.63	155.753	
1,800.00	1,701.97	1,394.00	1,390.59	10.59	4.82	-28.41	-2,197.12	-147.57	1,776.09	1,763.60	12.49	142.215	
1,900.00	1,783.88	1,453.65	1,449.29	11.62	5.07	-29.47	-2,207.22	-144.29	1,739.75	1,726.38	13.36	130.188	
2,000.00	1,863.74	1,523.49	1,517.89	12.69	5.37	-30.77	-2,219.58	-139.95	1,702.02	1,687.69	14.33	118.811	
2,100.00	1,941.45	1,591.90	1,584.93	13.81	5.67	-32.19	-2,232.35	-135.27	1,663.08	1,647.74	15.34	108.444	
2,200.00	2,016.92	1,664.23	1,655.71	14.98	6.00	-33.79	-2,246.45	-130.40	1,622.91	1,606.49	16.42	98.823	
2,300.00	2,090.05	1,745.90	1,735.58	16.19	6.38	-35.68	-2,262.79	-125.68	1,581.34	1,563.73	17.61	89.779	
2,400.00	2,160.76	1,827.29	1,815.23	17.45	6.76	-37.73	-2,279.15	-121.94	1,538.13	1,519.26	18.88	81.486	
2,500.00	2,228.95	1,905.53	1,891.78	18.76	7.13	-39.94	-2,294.83	-118.07	1,493.56	1,473.35	20.21	73.892	
2,600.00	2,294.55	1,983.76	1,968.32	20.11	7.50	-42.41	-2,310.36	-113.41	1,447.95	1,426.29	21.65	66.873	
2,700.00	2,357.48	2,062.71	2,045.62	21.50	7.88	-45.14	-2,325.66	-108.62	1,401.32	1,378.11	23.21	60.381	
2,800.00	2,417.66	2,127.20	2,108.74	22.94	8.19	-47.71	-2,338.31	-104.91	1,354.46	1,329.64	24.82	54.571	
2,900.00	2,475.05	2,198.52	2,178.53	24.41	8.53	-50.56	-2,352.49	-100.91	1,307.85	1,281.25	26.60	49.168	
3,000.00	2,531.40	2,270.16	2,248.67	25.89	8.88	-52.89	-2,366.44	-96.75	1,262.76	1,234.25	28.51	44.291	
3,100.00	2,587.75	2,340.85	2,317.91	27.39	9.22	-55.26	-2,380.22	-93.14	1,220.25	1,189.72	30.53	39.966	
3,200.00	2,644.11	2,408.46	2,384.15	28.89	9.54	-57.62	-2,393.40	-89.84	1,180.70	1,148.05	32.65	36.158	
3,300.00	2,700.46	2,466.22	2,440.70	30.39	9.83	-59.71	-2,404.73	-86.72	1,144.73	1,109.91	34.83	32.869	
3,400.00	2,756.81	2,521.82	2,495.02	31.89	10.10	-61.79	-2,415.93	-82.98	1,113.23	1,076.16	37.08	30.026	
3,500.00	2,813.17	2,595.64	2,567.12	33.40	10.47	-64.62	-2,430.99	-77.97	1,085.96	1,046.45	39.52	27.481	
3,600.00	2,869.52	2,659.45	2,629.43	34.91	10.79	-67.11	-2,444.18	-74.06	1,062.93	1,021.00	41.93	25.350	
3,700.00	2,925.87	2,721.53	2,689.93	36.42	11.10	-69.55	-2,457.59	-70.28	1,044.91	1,000.57	44.34	23.567	
3,800.00	2,982.22	2,784.82	2,751.51	37.93	11.43	-72.08	-2,471.58	-66.24	1,032.07	985.33	46.73	22.085	
3,900.00	3,038.58	2,870.44	2,834.91	39.45	11.87	-75.53	-2,490.26	-60.91	1,023.97	974.70	49.28	20.780	
4,000.00	3,094.93	2,944.70	2,907.42	40.96	12.25	-78.55	-2,505.79	-57.11	1,019.92	968.29	51.63	19.753	
4,030.08	3,111.88	2,965.56	2,927.77	41.42	12.35	-79.39	-2,510.24	-56.12	1,019.69	967.39	52.30	19.495 CC	
4,100.00	3,151.28	3,014.02	2,975.03	42.48	12.60	-81.34	-2,520.76	-53.92	1,020.93	967.11	53.82	18.969 ES	
4,200.00	3,207.63	3,084.39	3,043.57	44.00	12.96	-84.15	-2,536.37	-50.89	1,026.97	971.10	55.87	18.381	
4,300.00	3,263.99	3,169.15	3,126.21	45.52	13.40	-87.51	-2,554.98	-47.86	1,037.35	979.44	57.91	17.914	
4,400.00	3,320.34	3,235.60	3,191.09	47.04	13.73	-90.11	-2,569.21	-45.76	1,052.07	992.49	59.57	17.660	
4,500.00	3,376.69	3,301.71	3,255.64	48.56	14.07	-92.67	-2,583.28	-43.36	1,071.66	1,010.61	61.05	17.554 SF	
4,600.00	3,433.05	3,367.82	3,320.24	50.08	14.40	-95.19	-2,597.09	-40.72	1,095.80	1,033.47	62.34	17.578	
4,700.00	3,489.40	3,429.08	3,380.15	51.61	14.71	-97.49	-2,609.50	-37.88	1,124.43	1,061.05	63.39	17.740	
4,800.00	3,545.75	3,495.01	3,444.73	53.13	15.04	-99.93	-2,622.34	-34.42	1,157.32	1,093.00	64.32	17.994	
4,900.00	3,602.10	3,565.95	3,514.34	54.65	15.38	-102.49	-2,635.55	-30.74	1,193.77	1,128.61	65.16	18.320	
5,000.00	3,658.46	3,642.07	3,589.12	56.18	15.75	-105.15	-2,649.34	-27.21	1,233.21	1,167.27	65.94	18.703	
5,100.00	3,714.81	3,712.89	3,658.75	57.70	16.09	-107.54	-2,661.92	-24.31	1,275.38	1,208.84	66.54	19.167	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design      Sec 36-T7N-R67W - EXIST HZ BALDRIDGE 2-1 - Wellbore #1 - Wellbore #1													Offset Site Error:	0.00 usft
Survey Program:      128-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	3,787.54	3,732.14	59.23	16.44	-109.96	-2,675.27	-21.49	1,320.13	1,253.01	67.11	19.670		
5,300.00	3,827.51	3,863.94	3,807.02	60.75	16.82	-112.27	-2,690.24	-18.92	1,366.89	1,299.22	67.68	20.197		
5,400.00	3,883.87	3,938.70	3,879.99	62.28	17.20	-114.39	-2,706.30	-16.46	1,415.50	1,347.28	68.22	20.749		
5,500.00	3,940.22	4,012.10	3,951.45	63.80	17.58	-116.33	-2,722.86	-14.05	1,465.77	1,397.03	68.74	21.325		
5,600.00	3,996.57	4,088.74	4,026.00	65.33	17.99	-118.25	-2,740.46	-11.68	1,517.47	1,448.18	69.28	21.903		
5,700.00	4,052.93	4,162.92	4,098.24	66.86	18.37	-120.04	-2,757.25	-9.72	1,570.39	1,500.63	69.76	22.511		
5,800.00	4,109.28	4,232.75	4,166.45	68.39	18.73	-121.67	-2,772.06	-8.29	1,624.61	1,554.47	70.14	23.161		
5,900.00	4,165.63	4,298.00	4,230.37	69.91	19.05	-123.16	-2,785.15	-7.12	1,680.23	1,609.80	70.44	23.855		
6,000.00	4,221.98	4,365.49	4,296.58	71.44	19.38	-124.65	-2,798.20	-5.97	1,737.18	1,666.45	70.73	24.560		
6,100.00	4,278.34	4,426.51	4,356.48	72.97	19.68	-125.94	-2,809.79	-4.87	1,795.40	1,724.45	70.95	25.305		
6,200.00	4,334.69	4,486.00	4,414.89	74.50	19.96	-127.15	-2,820.98	-3.44	1,855.03	1,783.88	71.15	26.072		
6,300.00	4,391.04	4,559.92	4,487.42	76.03	20.33	-128.57	-2,835.12	-1.45	1,915.65	1,844.11	71.55	26.774		
6,400.00	4,447.40	4,622.50	4,548.77	77.55	20.63	-129.71	-2,847.36	0.25	1,976.97	1,905.15	71.82	27.526		
6,500.00	4,503.75	4,673.00	4,598.32	79.08	20.88	-130.60	-2,856.92	1.76	2,039.41	1,967.47	71.95	28.346		
6,600.00	4,560.10	4,736.05	4,660.27	80.61	21.18	-131.67	-2,868.48	3.83	2,102.89	2,030.66	72.23	29.114		
6,700.00	4,616.45	4,791.87	4,715.17	82.14	21.45	-132.59	-2,878.38	5.83	2,167.37	2,094.95	72.43	29.925		
6,800.00	4,672.81	4,846.81	4,769.25	83.67	21.71	-133.47	-2,887.84	7.99	2,232.81	2,160.19	72.62	30.747		
6,900.00	4,729.16	4,906.82	4,828.30	85.20	21.99	-134.39	-2,898.14	10.65	2,299.08	2,226.18	72.90	31.538		
7,000.00	4,785.51	4,977.03	4,897.23	86.73	22.33	-135.38	-2,910.93	14.40	2,365.95	2,292.60	73.35	32.254		
7,100.00	4,841.86	5,067.24	4,985.61	88.26	22.78	-136.57	-2,928.42	19.14	2,432.71	2,358.59	74.12	32.821		
7,200.00	4,898.22	5,139.40	5,056.26	89.79	23.14	-137.46	-2,942.66	22.70	2,499.55	2,424.89	74.66	33.481		
7,300.00	4,954.57	5,192.53	5,108.33	91.32	23.40	-138.10	-2,952.90	25.27	2,566.86	2,491.93	74.93	34.255		
7,400.00	5,010.92	5,247.24	5,162.04	92.85	23.67	-138.75	-2,962.94	27.96	2,634.90	2,559.67	75.24	35.022		
7,500.00	5,067.28	5,314.77	5,228.40	94.38	24.00	-139.52	-2,975.05	31.22	2,703.38	2,627.67	75.71	35.707		
7,600.00	5,123.63	5,371.37	5,284.07	95.91	24.26	-140.15	-2,984.92	33.82	2,772.25	2,696.21	76.04	36.458		
7,700.00	5,179.98	5,422.00	5,333.98	97.44	24.50	-140.71	-2,993.13	35.97	2,841.71	2,765.43	76.28	37.251		
7,800.00	5,236.33	5,476.39	5,387.71	98.97	24.74	-141.31	-3,001.32	38.10	2,911.76	2,835.20	76.56	38.030		
7,900.00	5,292.69	5,529.42	5,440.19	100.50	24.97	-141.89	-3,008.70	40.00	2,982.38	2,905.56	76.82	38.822		
8,000.00	5,349.04	5,587.40	5,497.67	102.03	25.22	-142.52	-3,016.09	41.72	3,053.45	2,976.33	77.12	39.591		
8,100.00	5,405.39	5,635.89	5,545.82	103.56	25.42	-143.04	-3,021.69	42.86	3,124.98	3,047.68	77.31	40.424		
8,200.00	5,461.74	5,677.89	5,587.58	105.09	25.58	-143.50	-3,026.09	43.81	3,197.17	3,119.76	77.41	41.302		
8,300.00	5,518.10	5,722.24	5,631.72	106.62	25.76	-143.97	-3,030.27	44.80	3,270.02	3,192.48	77.54	42.173		
8,400.00	5,574.45	5,771.30	5,680.60	108.15	25.94	-144.49	-3,034.40	45.73	3,343.39	3,265.67	77.71	43.021		
8,500.00	5,630.80	5,816.44	5,725.61	109.68	26.10	-144.97	-3,037.73	46.40	3,417.24	3,339.40	77.84	43.899		
8,600.00	5,687.16	5,857.16	5,766.25	111.21	26.24	-145.40	-3,040.23	46.85	3,491.66	3,413.74	77.92	44.811		
8,700.00	5,743.51	5,891.00	5,800.05	112.75	26.36	-145.75	-3,041.93	47.11	3,566.66	3,488.74	77.92	45.771		
8,800.00	5,799.86	5,936.96	5,845.96	114.28	26.51	-146.23	-3,043.79	47.40	3,642.20	3,564.15	78.05	46.667		
8,900.00	5,856.21	5,985.00	5,893.98	115.81	26.66	-146.73	-3,045.31	47.71	3,718.29	3,640.10	78.20	47.551		
9,000.00	5,912.57	6,027.28	5,936.25	117.34	26.80	-147.16	-3,046.39	47.92	3,794.79	3,716.50	78.29	48.472		
9,100.00	5,968.92	6,081.94	5,990.90	118.87	26.96	-147.71	-3,047.55	48.05	3,871.56	3,793.05	78.51	49.314		
9,200.00	6,025.27	6,141.85	6,050.80	120.40	27.15	-148.30	-3,048.61	47.97	3,948.53	3,869.75	78.78	50.121		
9,300.00	6,081.63	6,195.17	6,104.11	121.93	27.30	-148.81	-3,049.41	47.74	4,025.68	3,946.69	78.99	50.962		
9,400.00	6,137.98	6,241.57	6,150.50	123.46	27.44	-149.25	-3,049.91	47.50	4,103.14	4,024.00	79.15	51.843		
9,500.00	6,194.33	6,290.80	6,199.73	125.00	27.58	-149.70	-3,050.27	47.23	4,180.92	4,101.59	79.33	52.702		
9,600.00	6,250.68	6,343.54	6,252.47	126.53	27.73	-150.17	-3,050.60	46.98	4,258.93	4,179.37	79.56	53.532		
9,700.00	6,307.04	6,412.06	6,320.99	128.06	27.93	-150.77	-3,051.03	46.63	4,337.07	4,257.13	79.95	54.250		
9,800.00	6,363.39	6,477.00	6,385.93	129.59	28.12	-151.31	-3,051.54	46.10	4,415.17	4,334.86	80.31	54.978		
9,900.00	6,419.74	6,529.20	6,438.12	131.12	28.27	-151.74	-3,051.91	45.64	4,493.43	4,412.87	80.56	55.779		
10,000.00	6,476.09	6,579.47	6,488.39	132.65	28.41	-152.14	-3,052.21	45.23	4,571.89	4,491.09	80.80	56.584		
10,100.00	6,532.45	6,628.67	6,537.59	134.18	28.55	-152.52	-3,052.49	44.94	4,650.57	4,569.53	81.04	57.387		
10,200.00	6,588.80	6,681.91	6,590.82	135.72	28.70	-152.92	-3,052.74	44.68	4,729.44	4,648.12	81.32	58.156		
10,300.00	6,645.15	6,736.35	6,645.27	137.25	28.86	-153.32	-3,052.84	44.27	4,808.46	4,726.84	81.62	58.909		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 128-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	6,701.51	6,795.65	6,704.56	138.78	29.03	-153.75	-3,052.98	43.86	4,887.59	4,805.60	81.98	59.617	
10,500.00	6,757.86	6,860.04	6,768.96	140.31	29.21	-154.19	-3,053.36	43.59	4,966.77	4,884.37	82.41	60.272	
10,600.00	6,813.28	6,929.46	6,838.37	141.87	29.42	-166.58	-3,053.90	43.23	5,047.39	4,964.47	82.92	60.872	
10,700.00	6,864.12	6,966.07	6,874.98	143.49	29.53	172.97	-3,054.18	43.06	5,132.85	5,049.63	83.21	61.682	
10,800.00	6,908.67	7,000.42	6,909.33	145.14	29.63	150.37	-3,054.39	42.95	5,220.96	5,137.39	83.57	62.475	
10,900.00	6,945.58	7,031.79	6,940.70	146.73	29.73	129.04	-3,054.55	42.90	5,309.12	5,225.17	83.96	63.238	
11,000.00	6,973.71	7,058.23	6,967.14	148.22	29.81	112.12	-3,054.66	42.85	5,394.83	5,310.48	84.35	63.959	
11,100.00	6,992.22	7,075.70	6,984.61	149.55	29.86	100.08	-3,054.72	42.81	5,475.78	5,391.06	84.71	64.638	
11,200.00	7,000.54	7,083.69	6,992.59	150.69	29.88	92.06	-3,054.74	42.79	5,549.86	5,464.79	85.07	65.241	
11,300.00	7,001.00	7,084.34	6,993.25	151.65	29.88	90.30	-3,054.74	42.79	5,617.81	5,532.38	85.43	65.761	
11,400.00	7,001.00	7,084.56	6,993.47	152.64	29.88	90.30	-3,054.75	42.79	5,686.27	5,600.47	85.81	66.269	
11,500.00	7,001.00	7,084.78	6,993.69	153.65	29.89	90.30	-3,054.75	42.79	5,755.65	5,669.46	86.20	66.775	
11,600.00	7,001.00	7,085.01	6,993.91	154.69	29.89	90.30	-3,054.75	42.79	5,825.93	5,739.33	86.59	67.279	
11,700.00	7,001.00	7,085.23	6,994.14	155.76	29.89	90.31	-3,054.75	42.79	5,897.06	5,810.06	87.00	67.782	
11,800.00	7,001.00	7,085.45	6,994.36	156.85	29.89	90.31	-3,054.75	42.79	5,969.02	5,881.61	87.41	68.284	
11,900.00	7,001.00	7,085.68	6,994.58	157.98	29.89	90.31	-3,054.75	42.79	6,041.78	5,953.95	87.83	68.787	
12,000.00	7,001.00	7,085.90	6,994.81	159.14	29.89	90.32	-3,054.75	42.79	6,115.31	6,027.05	88.26	69.291	
12,100.00	7,001.00	7,086.13	6,995.03	160.32	29.89	90.32	-3,054.75	42.79	6,189.58	6,100.90	88.68	69.796	
12,200.00	7,001.00	7,086.35	6,995.26	161.54	29.89	90.32	-3,054.75	42.79	6,264.56	6,175.46	89.11	70.303	
12,300.00	7,001.00	7,086.58	6,995.49	162.78	29.89	90.33	-3,054.75	42.79	6,340.24	6,250.70	89.54	70.812	
12,400.00	7,001.00	7,086.81	6,995.71	164.06	29.89	90.33	-3,054.75	42.79	6,416.58	6,326.62	89.96	71.324	
12,500.00	7,001.00	7,087.03	6,995.94	165.36	29.89	90.33	-3,054.75	42.78	6,493.57	6,403.18	90.39	71.839	
12,600.00	7,001.00	7,087.26	6,996.17	166.69	29.89	90.34	-3,054.75	42.78	6,571.17	6,480.35	90.82	72.356	
12,700.00	7,001.00	7,087.49	6,996.40	168.05	29.89	90.34	-3,054.75	42.78	6,649.37	6,558.13	91.24	72.877	
12,800.00	7,001.00	7,087.72	6,996.63	169.44	29.89	90.34	-3,054.75	42.78	6,728.15	6,636.49	91.66	73.402	
12,900.00	7,001.00	7,087.95	6,996.86	170.86	29.89	90.35	-3,054.76	42.78	6,807.49	6,715.41	92.08	73.930	
13,000.00	7,001.00	7,088.18	6,997.09	172.30	29.90	90.35	-3,054.76	42.78	6,887.37	6,794.87	92.49	74.462	
13,100.00	7,001.00	7,088.41	6,997.32	173.78	29.90	90.35	-3,054.76	42.78	6,967.76	6,874.86	92.91	74.998	
13,200.00	7,001.00	7,088.64	6,997.55	175.28	29.90	90.36	-3,054.76	42.78	7,048.66	6,955.35	93.31	75.538	
13,300.00	7,001.00	7,088.87	6,997.78	176.80	29.90	90.36	-3,054.76	42.78	7,130.04	7,036.32	93.72	76.081	
13,400.00	7,001.00	7,089.11	6,998.01	178.36	29.90	90.36	-3,054.76	42.78	7,211.89	7,117.78	94.11	76.629	
13,500.00	7,001.00	7,089.34	6,998.25	179.94	29.90	90.37	-3,054.76	42.78	7,294.19	7,199.68	94.51	77.180	
13,600.00	7,001.00	7,089.57	6,998.48	181.55	29.90	90.37	-3,054.76	42.78	7,376.93	7,282.03	94.90	77.736	
13,700.00	7,001.00	7,089.81	6,998.71	183.18	29.90	90.37	-3,054.76	42.78	7,460.09	7,364.81	95.28	78.296	
13,800.00	7,001.00	7,090.04	6,998.95	184.84	29.90	90.37	-3,054.76	42.78	7,543.67	7,448.01	95.66	78.859	
13,900.00	7,001.00	7,090.28	6,999.18	186.52	29.90	90.38	-3,054.76	42.78	7,627.63	7,531.60	96.03	79.426	
14,000.00	7,001.00	7,090.51	6,999.42	188.23	29.90	90.38	-3,054.76	42.78	7,711.98	7,615.58	96.40	79.998	
14,100.00	7,001.00	7,090.75	6,999.66	189.97	29.90	90.38	-3,054.76	42.78	7,796.70	7,699.93	96.77	80.573	
14,200.00	7,001.00	7,090.99	6,999.89	191.72	29.90	90.39	-3,054.76	42.77	7,881.78	7,784.65	97.12	81.151	
14,300.00	7,001.00	7,091.23	7,000.13	193.50	29.90	90.39	-3,054.76	42.77	7,967.20	7,869.72	97.48	81.734	
14,400.00	7,001.00	7,091.46	7,000.37	195.30	29.91	90.39	-3,054.77	42.77	8,052.96	7,955.14	97.83	82.320	
14,500.00	7,001.00	7,091.70	7,000.61	197.13	29.91	90.40	-3,054.77	42.77	8,139.05	8,040.88	98.17	82.909	
14,600.00	7,001.00	7,091.94	7,000.85	198.98	29.91	90.40	-3,054.77	42.77	8,225.44	8,126.94	98.51	83.502	
14,700.00	7,001.00	7,092.18	7,001.09	200.85	29.91	90.40	-3,054.77	42.77	8,312.15	8,213.31	98.84	84.099	
14,800.00	7,001.00	7,092.42	7,001.33	202.73	29.91	90.41	-3,054.77	42.77	8,399.15	8,299.98	99.17	84.699	
14,900.00	7,001.00	7,092.67	7,001.57	204.64	29.91	90.41	-3,054.77	42.77	8,486.44	8,386.95	99.49	85.302	
15,000.00	7,001.00	7,092.91	7,001.81	206.57	29.91	90.41	-3,054.77	42.77	8,574.00	8,474.19	99.80	85.908	
15,100.00	7,001.00	7,093.15	7,002.06	208.52	29.91	90.42	-3,054.77	42.77	8,661.83	8,561.72	100.12	86.517	
15,200.00	7,001.00	7,093.39	7,002.30	210.49	29.91	90.42	-3,054.77	42.77	8,749.93	8,649.50	100.42	87.129	
15,300.00	7,001.00	7,093.64	7,002.54	212.48	29.91	90.42	-3,054.77	42.77	8,838.28	8,737.55	100.73	87.744	
15,400.00	7,001.00	7,093.88	7,002.79	214.48	29.91	90.43	-3,054.77	42.77	8,926.87	8,825.84	101.03	88.363	
15,500.00	7,001.00	7,094.13	7,003.03	216.51	29.91	90.43	-3,054.77	42.77	9,015.70	8,914.38	101.32	88.983	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 36-T7N-R67W - EXIST HZ BALDRIDGE 2-1 - Wellbore #1 - Wellbore #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 128-MWD												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,600.00	7,001.00	7,094.37	7,003.28	218.55	29.91	90.44	-3,054.77	42.77	9,104.77	9,003.16	101.61	89.607	
15,700.00	7,001.00	7,094.62	7,003.53	220.60	29.91	90.44	-3,054.77	42.77	9,194.05	9,092.16	101.89	90.233	
15,800.00	7,001.00	7,094.87	7,003.77	222.68	29.92	90.44	-3,054.77	42.77	9,283.56	9,181.39	102.17	90.862	
15,900.00	7,001.00	7,095.11	7,004.02	224.76	29.92	90.45	-3,054.77	42.76	9,373.28	9,270.83	102.45	91.493	
16,000.00	7,001.00	7,095.36	7,004.27	226.87	29.92	90.45	-3,054.78	42.76	9,463.21	9,360.49	102.72	92.126	
16,100.00	7,001.00	7,095.61	7,004.52	228.99	29.92	90.45	-3,054.78	42.76	9,553.33	9,450.34	102.99	92.762	
16,200.00	7,001.00	7,095.86	7,004.77	231.12	29.92	90.46	-3,054.78	42.76	9,643.65	9,540.40	103.25	93.400	
16,300.00	7,001.00	7,096.11	7,005.02	233.27	29.92	90.46	-3,054.78	42.76	9,734.16	9,630.65	103.51	94.041	
16,400.00	7,001.00	7,096.36	7,005.27	235.43	29.92	90.46	-3,054.78	42.76	9,824.86	9,721.09	103.77	94.683	
16,500.00	7,001.00	7,096.61	7,005.52	237.61	29.92	90.47	-3,054.78	42.76	9,915.73	9,811.71	104.02	95.327	
16,600.00	7,001.00	7,096.86	7,005.77	239.79	29.92	90.47	-3,054.78	42.76	10,006.77	9,902.51	104.27	95.974	
16,700.00	7,001.00	7,097.12	7,006.02	242.00	29.92	90.47	-3,054.78	42.76	10,097.99	9,993.48	104.51	96.622	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 126-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
100.00	100.00	69.75	69.75	0.27	0.11	-175.28	-2,130.53	-175.78	2,137.77	2,137.39	0.38	5,643.705	
200.00	199.98	166.24	166.22	0.62	0.35	-20.17	-2,130.80	-173.85	2,136.25	2,135.29	0.96	2,225.284	
300.00	299.84	241.10	241.06	0.97	0.61	-20.26	-2,131.27	-172.74	2,131.92	2,130.34	1.58	1,347.695	
400.00	399.45	304.00	303.94	1.34	0.84	-20.38	-2,132.97	-172.05	2,126.21	2,124.05	2.17	981.656	
500.00	498.70	345.61	345.50	1.74	0.99	-20.49	-2,135.02	-171.62	2,119.40	2,116.72	2.68	790.336	
600.00	597.47	396.00	395.75	2.17	1.17	-20.64	-2,138.65	-171.04	2,111.77	2,108.54	3.23	653.109	
700.00	695.62	445.37	444.89	2.62	1.36	-20.82	-2,143.36	-170.46	2,103.23	2,099.44	3.79	554.455	
800.00	793.06	487.00	486.24	3.12	1.52	-21.00	-2,148.18	-170.00	2,093.80	2,089.46	4.33	483.255	
900.00	889.64	554.89	553.48	3.65	1.80	-21.29	-2,157.46	-169.07	2,083.14	2,078.16	4.98	417.902	
1,000.00	985.27	618.04	615.83	4.23	2.06	-21.62	-2,167.45	-167.85	2,071.25	2,065.62	5.64	367.565	
1,100.00	1,079.82	675.00	671.92	4.85	2.31	-21.97	-2,177.25	-166.41	2,057.79	2,051.51	6.28	327.804	
1,200.00	1,173.17	752.63	748.17	5.52	2.67	-22.44	-2,191.71	-165.02	2,042.61	2,035.59	7.02	290.909	
1,300.00	1,265.21	811.68	806.00	6.24	2.95	-22.85	-2,203.67	-164.80	2,025.99	2,018.28	7.71	262.710	
1,400.00	1,355.84	862.00	855.07	7.01	3.19	-23.25	-2,214.81	-164.66	2,008.30	1,999.91	8.39	239.473	
1,500.00	1,444.84	929.09	920.20	7.83	3.54	-23.78	-2,230.88	-164.32	1,989.40	1,980.24	9.16	217.204	
1,600.00	1,532.39	989.25	978.32	8.70	3.86	-24.33	-2,246.40	-163.68	1,969.30	1,959.37	9.93	198.408	
1,700.00	1,618.11	1,050.00	1,036.70	9.62	4.19	-24.96	-2,263.13	-162.28	1,948.06	1,937.33	10.73	181.544	
1,800.00	1,701.97	1,105.49	1,089.73	10.59	4.52	-25.60	-2,279.40	-160.72	1,925.81	1,914.26	11.54	166.836	
1,900.00	1,783.88	1,144.00	1,126.35	11.62	4.75	-26.14	-2,291.28	-159.76	1,902.80	1,890.49	12.31	154.590	
2,000.00	1,863.74	1,215.71	1,194.08	12.69	5.20	-27.01	-2,314.76	-157.98	1,878.76	1,865.48	13.27	141.560	
2,100.00	1,941.45	1,265.88	1,241.06	13.81	5.54	-27.74	-2,332.31	-156.67	1,854.24	1,840.07	14.17	130.854	
2,200.00	2,016.92	1,331.00	1,301.37	14.98	5.98	-28.67	-2,356.83	-155.13	1,829.56	1,814.37	15.19	120.433	
2,300.00	2,090.05	1,364.63	1,332.21	16.19	6.23	-29.30	-2,370.21	-154.35	1,804.30	1,788.21	16.09	112.152	
2,400.00	2,160.76	1,425.00	1,387.13	17.45	6.68	-30.30	-2,395.21	-152.67	1,778.82	1,761.63	17.19	103.505	
2,500.00	2,228.95	1,471.54	1,429.08	18.76	7.04	-31.18	-2,415.31	-151.10	1,752.93	1,734.67	18.26	96.004	
2,600.00	2,294.55	1,529.21	1,480.59	20.11	7.50	-32.27	-2,441.13	-148.73	1,726.77	1,707.30	19.47	88.710	
2,700.00	2,357.48	1,612.00	1,554.22	21.50	8.18	-33.84	-2,478.78	-144.77	1,699.56	1,678.63	20.93	81.221	
2,800.00	2,417.66	1,727.28	1,657.30	22.94	9.12	-36.12	-2,530.04	-138.86	1,669.77	1,647.05	22.72	73.505	
2,900.00	2,475.05	1,805.35	1,727.33	24.41	9.76	-37.88	-2,564.30	-134.76	1,638.12	1,613.77	24.35	67.272	
3,000.00	2,531.40	1,893.20	1,806.16	25.89	10.48	-39.55	-2,602.82	-130.28	1,606.85	1,580.70	26.15	61.444	
3,100.00	2,587.75	1,999.70	1,902.25	27.39	11.34	-41.64	-2,648.46	-125.16	1,576.11	1,547.92	28.19	55.911	
3,200.00	2,644.11	2,069.76	1,965.53	28.89	11.91	-43.06	-2,678.34	-121.92	1,546.77	1,516.73	30.04	51.489	
3,300.00	2,700.46	2,163.90	2,050.53	30.39	12.67	-45.00	-2,718.59	-117.74	1,519.13	1,486.95	32.18	47.209	
3,400.00	2,756.81	2,243.20	2,122.27	31.89	13.32	-46.68	-2,752.25	-114.59	1,492.81	1,458.52	34.29	43.533	
3,500.00	2,813.17	2,327.67	2,198.57	33.40	14.00	-48.49	-2,788.35	-111.66	1,468.39	1,431.85	36.54	40.188	
3,600.00	2,869.52	2,416.38	2,278.91	34.91	14.72	-50.46	-2,825.83	-108.34	1,445.55	1,406.63	38.92	37.139	
3,700.00	2,925.87	2,494.38	2,349.61	36.42	15.35	-52.22	-2,858.67	-105.76	1,424.43	1,383.14	41.30	34.493	
3,800.00	2,982.22	2,549.00	2,398.98	37.93	15.79	-53.47	-2,881.95	-103.78	1,406.08	1,362.57	43.51	32.316	
3,900.00	3,038.58	2,618.20	2,461.09	39.45	16.37	-55.06	-2,912.33	-100.98	1,390.96	1,345.02	45.93	30.283	
4,000.00	3,094.93	2,695.37	2,529.79	40.96	17.03	-56.85	-2,947.30	-97.51	1,379.21	1,330.72	48.49	28.441	
4,100.00	3,151.28	2,783.73	2,608.76	42.48	17.78	-58.94	-2,986.70	-93.14	1,369.42	1,318.16	51.26	26.717	
4,200.00	3,207.63	2,864.24	2,680.76	44.00	18.46	-60.86	-3,022.53	-89.38	1,361.74	1,307.77	53.97	25.232	
4,300.00	3,263.99	2,940.95	2,749.02	45.52	19.12	-62.67	-3,057.40	-86.16	1,356.78	1,300.13	56.65	23.949	
4,400.00	3,320.34	3,026.39	2,825.21	47.04	19.85	-64.72	-3,095.82	-82.08	1,354.17	1,294.69	59.48	22.766	
4,470.68	3,360.17	3,087.74	2,880.10	48.12	20.37	-66.21	-3,123.08	-78.98	1,353.64	1,292.14	61.50	22.009 CC	
4,500.00	3,376.69	3,113.22	2,902.89	48.56	20.59	-66.83	-3,134.38	-77.74	1,353.73	1,291.39	62.34	21.715	
4,600.00	3,433.05	3,199.96	2,980.49	50.08	21.33	-68.92	-3,172.95	-73.85	1,355.42	1,290.23	65.19	20.791 ES	
4,700.00	3,489.40	3,280.06	3,052.09	51.61	22.01	-70.83	-3,208.71	-70.48	1,359.40	1,291.47	67.93	20.012	
4,800.00	3,545.75	3,374.05	3,136.15	53.13	22.80	-73.07	-3,250.57	-66.72	1,365.54	1,294.70	70.84	19.276	
4,900.00	3,602.10	3,456.30	3,209.90	54.65	23.50	-75.01	-3,286.88	-63.79	1,373.47	1,299.93	73.54	18.677	
5,000.00	3,658.46	3,528.66	3,274.81	56.18	24.11	-76.71	-3,318.72	-60.84	1,384.00	1,307.98	76.02	18.205	
5,100.00	3,714.81	3,606.87	3,344.91	57.70	24.77	-78.55	-3,353.16	-56.89	1,397.48	1,318.95	78.53	17.796	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 126-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	3,700.33	3,429.19	59.23	25.54	-80.74	-3,393.32	-52.50	1,412.49	1,331.27	81.22	17.391		
5,300.00	3,827.51	3,773.42	3,494.98	60.75	26.15	-82.41	-3,424.98	-49.02	1,429.90	1,346.41	83.49	17.126		
5,400.00	3,883.87	3,872.12	3,584.05	62.28	26.97	-84.65	-3,467.25	-44.54	1,449.08	1,362.96	86.12	16.827		
5,500.00	3,940.22	3,960.68	3,664.52	63.80	27.68	-86.65	-3,504.05	-40.84	1,469.66	1,381.18	88.47	16.611		
5,600.00	3,996.57	4,043.38	3,739.71	65.33	28.35	-88.48	-3,538.33	-37.60	1,492.04	1,401.39	90.65	16.460		
5,700.00	4,052.93	4,122.60	3,811.56	66.86	28.99	-90.18	-3,571.56	-34.63	1,516.34	1,423.66	92.68	16.361		
5,800.00	4,109.28	4,200.53	3,882.00	68.39	29.63	-91.79	-3,604.78	-31.71	1,542.60	1,447.99	94.62	16.304		
5,900.00	4,165.63	4,277.08	3,950.76	69.91	30.28	-93.31	-3,638.29	-28.85	1,570.75	1,474.29	96.46	16.283 SF		
6,000.00	4,221.98	4,352.80	4,018.56	71.44	30.92	-94.76	-3,671.86	-25.78	1,600.77	1,502.54	98.23	16.296		
6,100.00	4,278.34	4,430.53	4,088.01	72.97	31.58	-96.20	-3,706.61	-22.39	1,632.50	1,532.53	99.97	16.330		
6,200.00	4,334.69	4,518.13	4,166.58	74.50	32.32	-97.79	-3,745.16	-18.55	1,665.53	1,563.70	101.83	16.357		
6,300.00	4,391.04	4,591.76	4,232.59	76.03	32.95	-99.10	-3,777.62	-15.23	1,699.93	1,596.57	103.36	16.447		
6,400.00	4,447.40	4,665.60	4,298.42	77.55	33.58	-100.34	-3,810.86	-11.63	1,735.90	1,631.04	104.85	16.556		
6,500.00	4,503.75	4,741.32	4,365.93	79.08	34.24	-101.58	-3,844.90	-7.57	1,773.35	1,667.01	106.34	16.676		
6,600.00	4,560.10	4,821.08	4,436.63	80.61	34.93	-102.81	-3,881.55	-3.12	1,812.00	1,704.11	107.88	16.796		
6,700.00	4,616.45	4,908.29	4,513.99	82.14	35.70	-104.12	-3,921.53	1.79	1,851.63	1,742.09	109.54	16.904		
6,800.00	4,672.81	5,019.63	4,613.35	83.67	36.66	-105.76	-3,971.53	6.67	1,891.07	1,779.46	111.61	16.943		
6,900.00	4,729.16	5,112.31	4,696.29	85.20	37.44	-107.09	-4,012.74	9.99	1,930.79	1,817.54	113.26	17.048		
7,000.00	4,785.51	5,204.41	4,779.55	86.73	38.20	-108.41	-4,052.04	12.51	1,970.75	1,855.95	114.81	17.166		
7,100.00	4,841.86	5,283.50	4,851.37	88.26	38.84	-109.52	-4,085.09	14.56	2,011.52	1,895.47	116.06	17.332		
7,200.00	4,898.22	5,362.32	4,923.42	89.79	39.46	-110.64	-4,116.97	16.57	2,053.22	1,935.98	117.24	17.513		
7,300.00	4,954.57	5,440.74	4,995.59	91.32	40.06	-111.74	-4,147.61	18.50	2,095.84	1,977.49	118.34	17.710		
7,400.00	5,010.92	5,511.15	5,060.91	92.85	40.57	-112.74	-4,173.81	20.18	2,139.47	2,020.24	119.23	17.944		
7,500.00	5,067.28	5,581.65	5,127.22	94.38	41.05	-113.77	-4,197.69	21.77	2,184.34	2,064.34	120.01	18.202		
7,600.00	5,123.63	5,652.45	5,194.57	95.91	41.51	-114.84	-4,219.46	23.07	2,230.30	2,109.62	120.68	18.481		
7,700.00	5,179.98	5,714.29	5,253.79	97.44	41.89	-115.78	-4,237.25	24.21	2,277.55	2,156.41	121.14	18.801		
7,800.00	5,236.33	5,783.28	5,320.18	98.97	42.28	-116.83	-4,255.95	25.53	2,326.09	2,204.46	121.63	19.124		
7,900.00	5,292.69	5,851.12	5,385.92	100.50	42.66	-117.88	-4,272.71	26.47	2,375.67	2,253.64	122.02	19.469		
8,000.00	5,349.04	5,911.80	5,445.05	102.03	42.97	-118.82	-4,286.30	27.15	2,426.47	2,304.23	122.24	19.849		
8,100.00	5,405.39	5,983.38	5,515.15	103.56	43.30	-119.94	-4,300.76	27.64	2,478.41	2,355.90	122.51	20.230		
8,200.00	5,461.74	6,044.87	5,575.61	105.09	43.58	-120.90	-4,311.96	27.64	2,531.32	2,408.72	122.60	20.647		
8,300.00	5,518.10	6,096.30	5,626.35	106.62	43.79	-121.71	-4,320.34	27.61	2,585.58	2,463.06	122.52	21.103		
8,400.00	5,574.45	6,150.22	5,679.69	108.15	44.00	-122.56	-4,328.21	27.59	2,641.18	2,518.77	122.42	21.575		
8,500.00	5,630.80	6,203.00	5,732.01	109.68	44.20	-123.38	-4,335.18	27.52	2,698.01	2,575.74	122.27	22.067		
8,600.00	5,687.16	6,263.36	5,791.94	111.21	44.41	-124.32	-4,342.34	27.33	2,755.95	2,633.81	122.14	22.563		
8,700.00	5,743.51	6,316.10	5,844.39	112.75	44.58	-125.14	-4,347.92	27.01	2,814.94	2,693.02	121.92	23.088		
8,800.00	5,799.86	6,360.60	5,888.69	114.28	44.72	-125.83	-4,352.05	26.77	2,875.15	2,753.55	121.60	23.645		
8,900.00	5,856.21	6,390.00	5,917.99	115.81	44.81	-126.28	-4,354.47	26.66	2,936.63	2,815.51	121.13	24.244		
9,000.00	5,912.57	6,443.52	5,971.38	117.34	44.96	-127.09	-4,358.16	26.49	2,999.26	2,878.43	120.83	24.822		
9,100.00	5,968.92	6,484.00	6,011.81	118.87	45.06	-127.71	-4,360.29	26.41	3,063.12	2,942.71	120.41	25.438		
9,200.00	6,025.27	6,581.13	6,108.82	120.40	45.31	-129.16	-4,365.07	25.76	3,127.59	3,007.15	120.44	25.967		
9,300.00	6,081.63	6,613.08	6,140.73	121.93	45.38	-129.63	-4,366.54	25.45	3,192.64	3,072.69	119.96	26.615		
9,400.00	6,137.98	6,646.04	6,173.67	123.46	45.46	-130.11	-4,367.69	25.21	3,258.85	3,139.38	119.48	27.276		
9,500.00	6,194.33	6,681.33	6,208.95	125.00	45.53	-130.62	-4,368.52	25.05	3,326.17	3,207.17	119.00	27.950		
9,600.00	6,250.68	6,727.40	6,255.01	126.53	45.62	-131.28	-4,369.20	24.85	3,394.39	3,275.78	118.61	28.619		
9,700.00	6,307.04	6,776.32	6,303.93	128.06	45.71	-131.97	-4,369.51	24.57	3,463.39	3,345.15	118.23	29.293		
9,800.00	6,363.39	6,843.45	6,371.06	129.59	45.83	-132.91	-4,369.71	23.98	3,532.91	3,414.92	117.99	29.941		
9,900.00	6,419.74	6,902.60	6,430.20	131.12	45.93	-133.72	-4,369.78	23.26	3,602.86	3,485.15	117.71	30.609		
10,000.00	6,476.09	6,952.00	6,479.60	132.65	46.01	-134.37	-4,369.77	22.59	3,673.32	3,555.96	117.36	31.299		
10,100.00	6,532.45	7,005.11	6,532.70	134.18	46.09	-135.07	-4,369.62	21.88	3,744.35	3,627.29	117.06	31.987		
10,200.00	6,588.80	7,059.35	6,586.94	135.72	46.18	-135.76	-4,369.30	21.21	3,815.98	3,699.20	116.78	32.678		
10,300.00	6,645.15	7,155.24	6,682.82	137.25	46.34	-136.95	-4,369.25	19.64	3,887.65	3,770.83	116.82	33.278		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 126-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	6,701.51	7,213.49	6,741.05	138.78	46.45	-137.64	-4,369.61	18.66	3,959.51	3,842.87	116.63	33.949	
10,500.00	6,757.86	7,268.71	6,796.27	140.31	46.55	-138.27	-4,370.11	17.85	4,031.75	3,915.30	116.44	34.624	
10,600.00	6,813.28	7,321.34	6,848.90	141.87	46.65	-147.89	-4,370.58	17.12	4,106.58	3,990.27	116.31	35.307	
10,700.00	6,864.12	7,369.96	6,897.51	143.49	46.74	-164.19	-4,370.91	16.44	4,189.42	4,073.06	116.36	36.004	
10,800.00	6,908.67	7,412.68	6,940.22	145.14	46.82	175.01	-4,371.05	15.75	4,278.04	4,161.48	116.56	36.703	
10,900.00	6,945.58	7,446.35	6,973.89	146.73	46.88	149.66	-4,371.05	15.17	4,369.69	4,252.83	116.86	37.392	
11,000.00	6,973.71	7,471.87	6,999.40	148.22	46.93	124.75	-4,371.02	14.73	4,461.68	4,344.42	117.25	38.052	
11,100.00	6,992.22	7,489.14	7,016.67	149.55	46.96	105.93	-4,370.98	14.43	4,551.43	4,433.70	117.72	38.662	
11,200.00	7,000.54	7,497.72	7,025.24	150.69	46.97	93.72	-4,370.95	14.28	4,636.52	4,518.26	118.27	39.204	
11,300.00	7,001.00	7,499.58	7,027.10	151.65	46.97	91.13	-4,370.94	14.25	4,716.91	4,598.06	118.86	39.685	
11,400.00	7,001.00	7,501.04	7,028.56	152.64	46.98	91.16	-4,370.94	14.23	4,797.70	4,678.26	119.44	40.168	
11,500.00	7,001.00	7,502.50	7,030.02	153.65	46.98	91.19	-4,370.93	14.20	4,879.19	4,759.18	120.01	40.658	
11,600.00	7,001.00	7,503.96	7,031.48	154.69	46.98	91.22	-4,370.93	14.18	4,961.36	4,840.81	120.55	41.155	
11,700.00	7,001.00	7,505.41	7,032.94	155.76	46.99	91.25	-4,370.92	14.15	5,044.17	4,923.09	121.08	41.659	
11,800.00	7,001.00	7,506.87	7,034.40	156.85	46.99	91.28	-4,370.92	14.13	5,127.60	5,006.00	121.60	42.169	
11,900.00	7,001.00	7,514.00	7,041.53	157.98	47.00	91.42	-4,370.89	14.01	5,211.61	5,089.48	122.13	42.672	
12,000.00	7,001.00	7,514.00	7,041.53	159.14	47.00	91.42	-4,370.89	14.01	5,296.17	5,173.57	122.60	43.198	
12,100.00	7,001.00	7,514.00	7,041.53	160.32	47.00	91.42	-4,370.89	14.01	5,381.27	5,258.21	123.06	43.729	
12,200.00	7,001.00	7,514.00	7,041.53	161.54	47.00	91.42	-4,370.89	14.01	5,466.86	5,343.36	123.50	44.265	
12,300.00	7,001.00	7,514.00	7,041.53	162.78	47.00	91.42	-4,370.89	14.01	5,552.94	5,429.01	123.93	44.806	
12,400.00	7,001.00	7,514.00	7,041.53	164.06	47.00	91.42	-4,370.89	14.01	5,639.48	5,515.13	124.35	45.352	
12,500.00	7,001.00	7,514.00	7,041.53	165.36	47.00	91.42	-4,370.89	14.01	5,726.45	5,601.70	124.75	45.903	
12,600.00	7,001.00	7,514.00	7,041.53	166.69	47.00	91.42	-4,370.89	14.01	5,813.85	5,688.71	125.14	46.458	
12,700.00	7,001.00	7,514.00	7,041.53	168.05	47.00	91.42	-4,370.89	14.01	5,901.64	5,776.12	125.52	47.017	
12,800.00	7,001.00	7,514.00	7,041.53	169.44	47.00	91.42	-4,370.89	14.01	5,989.82	5,863.93	125.89	47.581	
12,900.00	7,001.00	7,514.00	7,041.53	170.86	47.00	91.42	-4,370.89	14.01	6,078.37	5,952.12	126.24	48.148	
13,000.00	7,001.00	7,514.00	7,041.53	172.30	47.00	91.42	-4,370.89	14.01	6,167.26	6,040.67	126.59	48.719	
13,100.00	7,001.00	7,514.00	7,041.53	173.78	47.00	91.42	-4,370.89	14.01	6,256.49	6,129.57	126.92	49.294	
13,200.00	7,001.00	7,514.00	7,041.53	175.28	47.00	91.42	-4,370.89	14.01	6,346.04	6,218.79	127.25	49.871	
13,300.00	7,001.00	7,514.00	7,041.53	176.80	47.00	91.42	-4,370.89	14.01	6,435.90	6,308.33	127.56	50.452	
13,400.00	7,001.00	7,514.00	7,041.53	178.36	47.00	91.42	-4,370.89	14.01	6,526.05	6,398.18	127.87	51.036	
13,500.00	7,001.00	7,514.00	7,041.53	179.94	47.00	91.42	-4,370.89	14.01	6,616.49	6,488.32	128.17	51.624	
13,600.00	7,001.00	7,514.00	7,041.53	181.55	47.00	91.42	-4,370.89	14.01	6,707.20	6,578.74	128.46	52.213	
13,700.00	7,001.00	7,514.00	7,041.53	183.18	47.00	91.42	-4,370.89	14.01	6,798.16	6,669.43	128.74	52.806	
13,800.00	7,001.00	7,514.00	7,041.53	184.84	47.00	91.42	-4,370.89	14.01	6,889.38	6,760.37	129.01	53.401	
13,900.00	7,001.00	7,514.00	7,041.53	186.52	47.00	91.42	-4,370.89	14.01	6,980.84	6,851.56	129.28	53.999	
14,000.00	7,001.00	7,514.00	7,041.53	188.23	47.00	91.42	-4,370.89	14.01	7,072.53	6,943.00	129.54	54.599	
14,100.00	7,001.00	7,514.00	7,041.53	189.97	47.00	91.42	-4,370.89	14.01	7,164.45	7,034.66	129.79	55.201	
14,200.00	7,001.00	7,514.00	7,041.53	191.72	47.00	91.42	-4,370.89	14.01	7,256.57	7,126.54	130.03	55.805	
14,300.00	7,001.00	7,514.00	7,041.53	193.50	47.00	91.42	-4,370.89	14.01	7,348.91	7,218.63	130.27	56.412	
14,400.00	7,001.00	7,514.00	7,041.53	195.30	47.00	91.42	-4,370.89	14.01	7,441.44	7,310.93	130.51	57.020	
14,500.00	7,001.00	7,514.00	7,041.53	197.13	47.00	91.42	-4,370.89	14.01	7,534.16	7,403.42	130.73	57.630	
14,600.00	7,001.00	7,514.00	7,041.53	198.98	47.00	91.42	-4,370.89	14.01	7,627.06	7,496.11	130.95	58.242	
14,700.00	7,001.00	7,514.00	7,041.53	200.85	47.00	91.42	-4,370.89	14.01	7,720.15	7,588.98	131.17	58.856	
14,800.00	7,001.00	7,514.00	7,041.53	202.73	47.00	91.42	-4,370.89	14.01	7,813.40	7,682.02	131.38	59.472	
14,900.00	7,001.00	7,514.00	7,041.53	204.64	47.00	91.42	-4,370.89	14.01	7,906.82	7,775.23	131.59	60.089	
15,000.00	7,001.00	7,514.00	7,041.53	206.57	47.00	91.42	-4,370.89	14.01	8,000.40	7,868.61	131.79	60.707	
15,100.00	7,001.00	7,514.00	7,041.53	208.52	47.00	91.42	-4,370.89	14.01	8,094.13	7,962.15	131.98	61.327	
15,200.00	7,001.00	7,514.00	7,041.53	210.49	47.00	91.42	-4,370.89	14.01	8,188.01	8,055.83	132.17	61.948	
15,300.00	7,001.00	7,538.54	7,066.06	212.48	47.04	91.92	-4,370.78	13.63	8,281.96	8,149.48	132.48	62.515	
15,400.00	7,001.00	7,539.20	7,066.72	214.48	47.04	91.94	-4,370.78	13.62	8,376.11	8,243.45	132.66	63.137	
15,500.00	7,001.00	7,539.85	7,067.37	216.51	47.04	91.95	-4,370.77	13.61	8,470.40	8,337.56	132.85	63.761	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 36-T7N-R67W - EXIST HZ BALDRIDGE 7-1 - Wellbore #1 - Wellbore #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 126-MWD												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,600.00	7,001.00	7,540.50	7,068.02	218.55	47.04	91.96	-4,370.77	13.60	8,564.83	8,431.80	133.02	64.386	
15,700.00	7,001.00	7,541.14	7,068.66	220.60	47.04	91.97	-4,370.77	13.60	8,659.37	8,526.17	133.20	65.011	
15,800.00	7,001.00	7,541.77	7,069.29	222.68	47.05	91.99	-4,370.76	13.59	8,754.04	8,620.67	133.37	65.638	
15,900.00	7,001.00	7,542.39	7,069.91	224.76	47.05	92.00	-4,370.76	13.58	8,848.82	8,715.29	133.53	66.266	
16,000.00	7,001.00	7,543.01	7,070.53	226.87	47.05	92.01	-4,370.76	13.57	8,943.72	8,810.02	133.70	66.895	
16,100.00	7,001.00	7,543.61	7,071.14	228.99	47.05	92.03	-4,370.75	13.56	9,038.73	8,904.87	133.86	67.525	
16,200.00	7,001.00	7,544.22	7,071.74	231.12	47.05	92.04	-4,370.75	13.55	9,133.84	8,999.83	134.02	68.155	
16,300.00	7,001.00	7,544.81	7,072.33	233.27	47.05	92.05	-4,370.75	13.55	9,229.06	9,094.89	134.17	68.787	
16,400.00	7,001.00	7,545.40	7,072.92	235.43	47.05	92.06	-4,370.74	13.54	9,324.38	9,190.06	134.32	69.419	
16,500.00	7,001.00	7,545.98	7,073.50	237.61	47.05	92.07	-4,370.74	13.53	9,419.79	9,285.32	134.47	70.052	
16,600.00	7,001.00	7,546.55	7,074.07	239.79	47.05	92.09	-4,370.74	13.52	9,515.30	9,380.69	134.61	70.686	
16,700.00	7,001.00	7,547.12	7,074.64	242.00	47.05	92.10	-4,370.73	13.52	9,610.90	9,476.14	134.76	71.320	
16,800.00	7,001.00	7,547.68	7,075.20	244.21	47.06	92.11	-4,370.73	13.51	9,706.59	9,571.69	134.90	71.955	
16,900.00	7,001.00	7,548.24	7,075.76	246.43	47.06	92.12	-4,370.73	13.50	9,802.37	9,667.33	135.04	72.591	
17,000.00	7,001.00	7,548.79	7,076.31	248.67	47.06	92.13	-4,370.73	13.50	9,898.22	9,763.05	135.17	73.227	
17,100.00	7,001.00	7,549.33	7,076.85	250.92	47.06	92.14	-4,370.72	13.49	9,994.16	9,858.86	135.30	73.864	
17,200.00	7,001.00	7,549.87	7,077.39	253.18	47.06	92.15	-4,370.72	13.48	10,090.18	9,954.74	135.44	74.501	



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 98-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	109.39	109.38	0.27	0.17	-176.48	-2,129.15	-131.12	2,133.51	2,133.08	0.44	4,893.275		
200.00	199.98	185.00	184.99	0.62	0.45	-21.33	-2,128.65	-130.70	2,131.07	2,130.00	1.07	1,986.678		
300.00	299.84	240.37	240.35	0.97	0.65	-21.41	-2,129.08	-130.02	2,126.78	2,125.16	1.62	1,312.452		
400.00	399.45	299.50	299.45	1.34	0.86	-21.53	-2,130.55	-128.81	2,121.05	2,118.86	2.19	968.726		
500.00	498.70	366.00	365.83	1.74	1.10	-21.74	-2,133.80	-126.43	2,114.21	2,111.42	2.79	756.946		
600.00	597.47	405.14	404.82	2.17	1.25	-21.92	-2,136.60	-124.48	2,106.22	2,102.91	3.31	636.308		
700.00	695.62	457.00	456.35	2.62	1.44	-22.18	-2,141.44	-121.31	2,097.44	2,093.56	3.88	540.366		
800.00	793.06	514.52	513.34	3.12	1.67	-22.51	-2,148.02	-117.08	2,087.61	2,083.12	4.49	464.711		
900.00	889.64	577.39	575.41	3.65	1.93	-22.93	-2,156.35	-111.63	2,076.47	2,071.33	5.14	403.985		
1,000.00	985.27	644.00	640.95	4.23	2.23	-23.44	-2,166.18	-104.90	2,063.81	2,057.99	5.82	354.473		
1,100.00	1,079.82	713.70	709.31	4.85	2.55	-24.04	-2,177.41	-97.19	2,049.56	2,043.02	6.54	313.222		
1,200.00	1,173.17	782.54	776.64	5.52	2.88	-24.69	-2,189.37	-89.31	2,033.69	2,026.40	7.28	279.194		
1,300.00	1,265.21	832.00	824.90	6.24	3.12	-25.23	-2,198.51	-83.51	2,016.40	2,008.43	7.96	253.261		
1,400.00	1,355.84	900.96	891.90	7.01	3.48	-26.00	-2,212.39	-74.97	1,997.91	1,989.15	8.76	228.130		
1,500.00	1,444.84	963.44	952.23	7.83	3.82	-26.78	-2,226.26	-66.49	1,978.65	1,969.09	9.56	207.036		
1,600.00	1,532.39	1,019.00	1,005.62	8.70	4.13	-27.57	-2,239.11	-58.06	1,958.11	1,947.75	10.35	189.133		
1,700.00	1,618.11	1,086.61	1,070.26	9.62	4.53	-28.57	-2,255.66	-47.19	1,936.52	1,925.27	11.25	172.120		
1,800.00	1,701.97	1,147.50	1,128.15	10.59	4.90	-29.55	-2,271.62	-37.11	1,914.24	1,902.09	12.16	157.475		
1,900.00	1,783.88	1,206.00	1,183.48	11.62	5.27	-30.59	-2,287.53	-26.72	1,891.05	1,877.96	13.09	144.466		
2,000.00	1,863.74	1,258.03	1,232.36	12.69	5.63	-31.59	-2,302.45	-17.01	1,867.42	1,853.38	14.04	133.041		
2,100.00	1,941.45	1,300.00	1,271.52	13.81	5.91	-32.50	-2,315.25	-8.96	1,843.78	1,828.82	14.97	123.204		
2,200.00	2,016.92	1,349.95	1,317.75	14.98	6.27	-33.58	-2,331.41	0.87	1,820.29	1,804.30	15.99	113.812		
2,300.00	2,090.05	1,394.00	1,358.14	16.19	6.60	-34.60	-2,346.56	9.78	1,797.15	1,780.12	17.03	105.516		
2,400.00	2,160.76	1,447.33	1,406.63	17.45	7.02	-35.85	-2,365.70	21.04	1,774.26	1,756.07	18.20	97.512		
2,500.00	2,228.95	1,502.78	1,456.62	18.76	7.46	-37.20	-2,386.23	33.44	1,751.58	1,732.14	19.44	90.110		
2,600.00	2,294.55	1,569.93	1,516.89	20.11	8.02	-38.87	-2,411.50	48.86	1,728.80	1,707.95	20.85	82.923		
2,700.00	2,357.48	1,650.26	1,588.89	21.50	8.69	-40.92	-2,441.76	67.68	1,705.65	1,683.19	22.45	75.959		
2,800.00	2,417.66	1,731.38	1,661.69	22.94	9.37	-43.12	-2,471.75	87.17	1,681.92	1,657.74	24.17	69.579		
2,900.00	2,475.05	1,808.17	1,730.72	24.41	10.02	-45.29	-2,499.52	106.19	1,657.98	1,632.02	25.96	63.856		
3,000.00	2,531.40	1,881.90	1,797.07	25.89	10.65	-47.15	-2,525.80	124.68	1,635.75	1,607.93	27.82	58.800		
3,100.00	2,587.75	1,952.52	1,860.66	27.39	11.25	-48.99	-2,550.44	143.06	1,616.34	1,586.62	29.72	54.381		
3,200.00	2,644.11	2,015.25	1,917.11	28.89	11.79	-50.63	-2,572.41	159.34	1,600.15	1,568.53	31.61	50.615		
3,300.00	2,700.46	2,073.12	1,969.10	30.39	12.29	-52.13	-2,593.44	173.58	1,587.40	1,553.90	33.50	47.380		
3,400.00	2,756.81	2,123.14	2,013.80	31.89	12.73	-53.43	-2,612.06	186.12	1,578.59	1,543.24	35.35	44.657		
3,500.00	2,813.17	2,194.88	2,077.65	33.40	13.36	-55.31	-2,639.04	204.61	1,573.59	1,536.10	37.49	41.974		
3,600.00	2,869.52	2,272.29	2,146.81	34.91	14.05	-57.34	-2,667.61	224.44	1,571.38	1,531.63	39.75	39.532		
3,619.84	2,880.70	2,286.20	2,159.24	35.21	14.17	-57.71	-2,672.76	227.95	1,571.31	1,531.13	40.19	39.102 CC		
3,700.00	2,925.87	2,344.16	2,211.04	36.42	14.68	-59.22	-2,694.43	242.35	1,572.35	1,530.37	41.98	37.457 ES		
3,800.00	2,982.22	2,422.14	2,280.84	37.93	15.37	-61.25	-2,723.43	261.52	1,576.31	1,532.00	44.32	35.570		
3,900.00	3,038.58	2,495.58	2,346.68	39.45	16.01	-63.16	-2,750.67	279.32	1,583.26	1,536.64	46.62	33.963		
4,000.00	3,094.93	2,566.35	2,410.12	40.96	16.63	-64.98	-2,777.12	296.16	1,593.25	1,544.36	48.89	32.588		
4,100.00	3,151.28	2,634.43	2,471.15	42.48	17.23	-66.71	-2,802.51	312.45	1,606.37	1,555.25	51.12	31.422		
4,200.00	3,207.63	2,700.05	2,529.95	44.00	17.80	-68.38	-2,826.92	328.37	1,622.69	1,569.38	53.30	30.442		
4,300.00	3,263.99	2,765.82	2,588.88	45.52	18.38	-70.04	-2,851.19	344.62	1,642.14	1,586.68	55.46	29.608		
4,400.00	3,320.34	2,826.64	2,643.36	47.04	18.92	-71.56	-2,873.45	359.96	1,664.69	1,607.18	57.51	28.945		
4,500.00	3,376.69	2,883.81	2,694.29	48.56	19.44	-72.96	-2,894.99	374.46	1,690.49	1,631.04	59.45	28.434		
4,600.00	3,433.05	2,974.47	2,774.96	50.08	20.25	-75.13	-2,929.59	397.12	1,718.82	1,656.88	61.94	27.752		
4,700.00	3,489.40	3,061.68	2,853.10	51.61	21.02	-77.18	-2,962.11	418.16	1,748.70	1,684.39	64.32	27.188		
4,800.00	3,545.75	3,146.31	2,929.33	53.13	21.76	-79.13	-2,993.00	438.10	1,780.35	1,713.74	66.61	26.727		
4,900.00	3,602.10	3,208.75	2,985.69	54.65	22.30	-80.55	-3,015.60	452.62	1,813.99	1,745.51	68.48	26.491		
5,000.00	3,658.46	3,268.00	3,038.83	56.18	22.82	-81.86	-3,037.66	466.78	1,850.42	1,780.18	70.23	26.348		
5,100.00	3,714.81	3,337.79	3,101.25	57.70	23.44	-83.35	-3,063.94	483.58	1,889.06	1,816.93	72.13	26.189		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 98-MWVD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	3,423.91	3,178.53	59.23	24.19	-85.16	-3,096.09	503.86	1,929.12	1,854.83	74.29	25.967		
5,300.00	3,827.51	3,497.64	3,244.90	60.75	24.83	-86.67	-3,123.37	520.81	1,970.46	1,894.29	76.17	25.868 SF		
5,400.00	3,883.87	3,549.00	3,291.17	62.28	25.28	-87.70	-3,142.22	532.71	2,013.64	1,936.05	77.59	25.953		
5,500.00	3,940.22	3,603.88	3,340.53	63.80	25.76	-88.78	-3,162.28	545.89	2,058.94	1,979.92	79.02	26.057		
5,600.00	3,996.57	3,652.86	3,384.41	65.33	26.19	-89.73	-3,180.14	558.30	2,106.57	2,026.29	80.28	26.240		
5,700.00	4,052.93	3,729.28	3,453.02	66.86	26.87	-91.18	-3,207.56	577.83	2,155.72	2,073.67	82.05	26.274		
5,800.00	4,109.28	3,809.43	3,525.16	68.39	27.57	-92.66	-3,236.08	598.00	2,205.89	2,122.04	83.85	26.308		
5,900.00	4,165.63	3,886.53	3,594.58	69.91	28.24	-94.03	-3,263.69	617.03	2,256.94	2,171.38	85.56	26.378		
6,000.00	4,221.98	3,953.75	3,655.26	71.44	28.82	-95.20	-3,287.48	633.50	2,309.00	2,221.96	87.04	26.527		
6,100.00	4,278.34	4,017.00	3,712.24	72.97	29.37	-96.26	-3,310.00	649.21	2,362.37	2,273.94	88.42	26.717		
6,200.00	4,334.69	4,065.07	3,755.35	74.50	29.80	-97.05	-3,327.39	661.41	2,417.09	2,327.62	89.48	27.014		
6,300.00	4,391.04	4,118.67	3,803.14	76.03	30.29	-97.88	-3,347.24	675.39	2,473.21	2,382.58	90.62	27.291		
6,400.00	4,447.40	4,187.04	3,863.70	77.55	30.92	-98.90	-3,373.32	693.45	2,530.35	2,438.26	92.09	27.478		
6,500.00	4,503.75	4,250.56	3,919.60	79.08	31.52	-99.80	-3,398.33	710.34	2,588.29	2,494.84	93.45	27.697		
6,600.00	4,560.10	4,320.82	3,981.00	80.61	32.20	-100.74	-3,426.76	729.27	2,647.08	2,552.11	94.96	27.875		
6,700.00	4,616.45	4,406.38	4,055.91	82.14	33.02	-101.85	-3,461.36	751.87	2,706.06	2,609.25	96.81	27.954		
6,800.00	4,672.81	4,458.88	4,102.05	83.67	33.51	-102.52	-3,482.22	765.78	2,765.75	2,667.86	97.89	28.253		
6,900.00	4,729.16	4,521.20	4,156.95	85.20	34.10	-103.30	-3,506.42	782.58	2,826.37	2,727.20	99.17	28.499		
7,000.00	4,785.51	4,601.46	4,228.15	86.73	34.84	-104.29	-3,536.67	804.00	2,887.47	2,786.66	100.82	28.640		
7,100.00	4,841.86	4,696.65	4,313.08	88.26	35.70	-105.45	-3,571.96	828.54	2,948.49	2,845.75	102.75	28.697		
7,200.00	4,898.22	4,767.67	4,376.83	89.79	36.33	-106.29	-3,597.60	846.45	3,009.78	2,905.65	104.13	28.904		
7,300.00	4,954.57	4,823.89	4,427.36	91.32	36.83	-106.94	-3,617.73	860.70	3,071.67	2,966.48	105.20	29.200		
7,400.00	5,010.92	4,912.44	4,506.61	92.85	37.62	-107.93	-3,650.06	883.40	3,134.18	3,027.23	106.94	29.307		
7,500.00	5,067.28	5,020.80	4,603.67	94.38	38.58	-109.07	-3,690.30	909.89	3,196.10	3,087.01	109.09	29.299		
7,600.00	5,123.63	5,081.77	4,658.79	95.91	39.11	-109.71	-3,712.03	924.27	3,258.12	3,147.90	110.22	29.560		
7,700.00	5,179.98	5,141.00	4,712.15	97.44	39.63	-110.31	-3,733.29	938.70	3,320.99	3,209.67	111.32	29.834		
7,800.00	5,236.33	5,205.57	4,770.24	98.97	40.19	-110.94	-3,756.58	954.60	3,384.39	3,271.87	112.52	30.078		
7,900.00	5,292.69	5,269.86	4,828.09	100.50	40.76	-111.56	-3,779.83	970.31	3,448.00	3,334.28	113.72	30.320		
8,000.00	5,349.04	5,329.00	4,880.91	102.03	41.29	-112.09	-3,801.86	985.21	3,512.22	3,397.40	114.82	30.588		
8,100.00	5,405.39	5,406.65	4,950.05	103.56	42.00	-112.76	-3,831.20	1,004.92	3,576.78	3,460.44	116.33	30.746		
8,200.00	5,461.74	5,524.89	5,055.80	105.09	43.06	-113.76	-3,875.51	1,033.80	3,641.03	3,522.37	118.66	30.684		
8,300.00	5,518.10	5,578.94	5,104.46	106.62	43.52	-114.21	-3,895.21	1,046.60	3,705.23	3,585.60	119.63	30.972		
8,400.00	5,574.45	5,650.91	5,169.64	108.15	44.14	-114.81	-3,920.63	1,063.52	3,769.85	3,648.91	120.94	31.171		
8,500.00	5,630.80	5,704.00	5,217.88	109.68	44.59	-115.25	-3,939.11	1,075.76	3,834.59	3,712.74	121.86	31.468		
8,600.00	5,687.16	5,764.32	5,272.61	111.21	45.10	-115.74	-3,960.16	1,089.89	3,899.80	3,776.87	122.92	31.726		
8,700.00	5,743.51	5,811.62	5,315.33	112.75	45.51	-116.10	-3,976.87	1,101.44	3,965.75	3,842.03	123.73	32.052		
8,800.00	5,799.86	5,872.55	5,370.54	114.28	46.03	-116.57	-3,997.90	1,116.34	4,032.16	3,907.36	124.80	32.310		
8,900.00	5,856.21	5,920.03	5,413.74	115.81	46.43	-116.94	-4,013.83	1,127.92	4,098.99	3,973.41	125.58	32.639		
9,000.00	5,912.57	5,961.55	5,451.44	117.34	46.78	-117.25	-4,027.77	1,138.33	4,166.46	4,040.22	126.25	33.003		
9,100.00	5,968.92	6,022.24	5,506.50	118.87	47.29	-117.69	-4,048.03	1,153.85	4,234.50	4,107.21	127.29	33.266		
9,200.00	6,025.27	6,247.02	5,712.11	120.40	49.14	-119.31	-4,122.13	1,206.30	4,301.39	4,169.89	131.50	32.711		
9,300.00	6,081.63	6,309.99	5,770.05	121.93	49.63	-119.75	-4,142.83	1,219.73	4,367.28	4,234.73	132.54	32.950		
9,400.00	6,137.98	6,366.69	5,822.57	123.46	50.07	-120.15	-4,160.55	1,231.64	4,433.60	4,300.16	133.44	33.225		
9,500.00	6,194.33	6,467.84	5,917.86	125.00	50.78	-120.91	-4,188.39	1,250.93	4,499.95	4,364.94	135.01	33.330		
9,600.00	6,250.68	6,500.51	5,948.93	126.53	50.99	-121.17	-4,196.56	1,256.86	4,566.62	4,431.23	135.39	33.730		
9,700.00	6,307.04	6,547.00	5,993.27	128.06	51.28	-121.53	-4,207.70	1,265.33	4,633.91	4,497.93	135.98	34.079		
9,800.00	6,363.39	6,774.01	6,212.24	129.59	52.58	-123.35	-4,256.46	1,299.69	4,700.23	4,561.19	139.03	33.807		
9,900.00	6,419.74	6,891.17	6,326.34	131.12	53.18	-124.30	-4,279.28	1,313.32	4,765.42	4,625.03	140.39	33.943		
10,000.00	6,476.09	7,007.20	6,439.70	132.65	53.74	-125.22	-4,301.10	1,324.99	4,830.18	4,688.51	141.67	34.095		
10,100.00	6,532.45	7,045.42	6,477.13	134.18	53.91	-125.52	-4,307.93	1,328.58	4,895.23	4,753.20	142.03	34.466		
10,200.00	6,588.80	7,078.60	6,509.68	135.72	54.06	-125.79	-4,313.52	1,331.78	4,961.01	4,818.69	142.32	34.858		
10,300.00	6,645.15	7,109.00	6,539.54	137.25	54.20	-126.03	-4,318.36	1,334.77	5,027.49	4,884.93	142.56	35.265		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 98-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	7,147.80	6,577.70	138.78	54.37	-126.34	-4,324.23	1,338.68	5,094.64	4,951.76	142.88	35.657		
10,500.00	6,757.86	7,203.00	6,632.03	140.31	54.61	-126.78	-4,332.11	1,344.41	5,162.47	5,019.10	143.37	36.008		
10,600.00	6,813.28	7,239.78	6,668.29	141.87	54.75	-134.24	-4,336.97	1,348.14	5,233.34	5,089.70	143.65	36.432		
10,700.00	6,864.12	7,384.59	6,811.81	143.49	55.28	-147.47	-4,352.46	1,359.48	5,313.87	5,168.89	144.98	36.653		
10,800.00	6,908.67	7,437.57	6,864.53	145.14	55.44	-163.80	-4,356.93	1,362.25	5,401.54	5,256.14	145.40	37.149		
10,900.00	6,945.58	7,476.34	6,903.16	146.73	55.56	172.24	-4,359.70	1,363.96	5,494.39	5,348.68	145.71	37.708		
11,000.00	6,973.71	7,505.60	6,932.34	148.22	55.64	139.83	-4,361.53	1,365.10	5,589.61	5,443.68	145.92	38.305		
11,100.00	6,992.22	7,523.76	6,950.46	149.55	55.68	110.91	-4,362.59	1,365.75	5,684.39	5,538.35	146.04	38.922		
11,200.00	7,000.54	7,529.88	6,956.56	150.69	55.70	93.19	-4,362.94	1,365.96	5,776.06	5,629.98	146.08	39.540		
11,300.00	7,001.00	7,526.56	6,953.25	151.65	55.69	89.60	-4,362.75	1,365.85	5,863.89	5,717.83	146.06	40.147		
11,400.00	7,001.00	7,522.57	6,949.28	152.64	55.68	89.52	-4,362.53	1,365.71	5,951.82	5,805.78	146.04	40.755		
11,500.00	7,001.00	7,518.49	6,945.20	153.65	55.67	89.43	-4,362.29	1,365.57	6,040.12	5,894.10	146.02	41.366		
11,600.00	7,001.00	7,514.29	6,941.01	154.69	55.66	89.35	-4,362.05	1,365.42	6,128.77	5,982.78	146.00	41.979		
11,700.00	7,001.00	7,509.97	6,936.70	155.76	55.65	89.26	-4,361.79	1,365.26	6,217.77	6,071.80	145.97	42.595		
11,800.00	7,001.00	7,505.53	6,932.27	156.85	55.64	89.17	-4,361.53	1,365.10	6,307.10	6,161.15	145.95	43.214		
11,900.00	7,001.00	7,500.97	6,927.72	157.98	55.63	89.08	-4,361.25	1,364.93	6,396.74	6,250.81	145.93	43.835		
12,000.00	7,001.00	7,496.63	6,923.39	159.14	55.62	88.99	-4,360.98	1,364.76	6,486.68	6,340.76	145.91	44.456		
12,100.00	7,001.00	7,491.72	6,918.49	160.32	55.60	88.89	-4,360.68	1,364.57	6,576.90	6,431.02	145.88	45.083		
12,200.00	7,001.00	7,486.57	6,913.37	161.54	55.59	88.79	-4,360.36	1,364.37	6,667.41	6,521.55	145.86	45.712		
12,300.00	7,001.00	7,481.19	6,907.99	162.78	55.57	88.68	-4,360.01	1,364.16	6,758.17	6,612.35	145.83	46.344		
12,400.00	7,001.00	7,475.53	6,902.36	164.06	55.56	88.56	-4,359.64	1,363.93	6,849.20	6,703.40	145.80	46.978		
12,500.00	7,001.00	7,469.59	6,896.44	165.36	55.54	88.44	-4,359.25	1,363.69	6,940.46	6,794.70	145.76	47.615		
12,600.00	7,001.00	7,463.35	6,890.21	166.69	55.52	88.32	-4,358.82	1,363.42	7,031.96	6,886.23	145.73	48.254		
12,700.00	7,001.00	7,456.77	6,883.66	168.05	55.50	88.18	-4,358.35	1,363.13	7,123.68	6,977.99	145.69	48.895		
12,800.00	7,001.00	7,449.84	6,876.75	169.44	55.48	88.04	-4,357.85	1,362.82	7,215.62	7,069.97	145.65	49.540		
12,900.00	7,001.00	7,442.51	6,869.45	170.86	55.46	87.90	-4,357.31	1,362.48	7,307.77	7,162.16	145.61	50.186		
13,000.00	7,001.00	7,220.04	6,648.82	172.30	54.68	83.49	-4,334.41	1,346.18	7,400.15	7,256.40	143.75	51.479		
13,100.00	7,001.00	7,203.00	6,632.03	173.78	54.61	83.16	-4,332.11	1,344.41	7,492.46	7,348.85	143.61	52.172		
13,200.00	7,001.00	7,203.00	6,632.03	175.28	54.61	83.16	-4,332.11	1,344.41	7,584.95	7,441.32	143.64	52.807		
13,300.00	7,001.00	7,203.00	6,632.03	176.80	54.61	83.16	-4,332.11	1,344.41	7,677.64	7,533.98	143.66	53.443		
13,400.00	7,001.00	7,203.00	6,632.03	178.36	54.61	83.16	-4,332.11	1,344.41	7,770.51	7,626.82	143.68	54.080		
13,500.00	7,001.00	7,178.68	6,608.09	179.94	54.50	82.70	-4,328.71	1,341.86	7,863.48	7,720.01	143.47	54.810		
13,600.00	7,001.00	7,173.48	6,602.97	181.55	54.48	82.60	-4,327.97	1,341.32	7,956.65	7,813.21	143.44	55.469		
13,700.00	7,001.00	7,168.32	6,597.89	183.18	54.46	82.50	-4,327.22	1,340.78	8,049.99	7,906.57	143.42	56.129		
13,800.00	7,001.00	7,163.19	6,592.84	184.84	54.44	82.40	-4,326.48	1,340.25	8,143.47	8,000.08	143.39	56.791		
13,900.00	7,001.00	7,158.10	6,587.83	186.52	54.41	82.31	-4,325.74	1,339.73	8,237.10	8,093.73	143.37	57.453		
14,000.00	7,001.00	7,153.04	6,582.85	188.23	54.39	82.21	-4,325.00	1,339.21	8,330.88	8,187.53	143.35	58.116		
14,100.00	7,001.00	7,148.01	6,577.90	189.97	54.37	82.11	-4,324.26	1,338.70	8,424.79	8,281.46	143.33	58.780		
14,200.00	7,001.00	7,143.01	6,572.99	191.72	54.35	82.02	-4,323.52	1,338.19	8,518.83	8,375.52	143.31	59.445		
14,300.00	7,001.00	7,138.05	6,568.11	193.50	54.33	81.92	-4,322.78	1,337.68	8,613.00	8,469.72	143.29	60.111		
14,400.00	7,001.00	7,109.00	6,539.54	195.30	54.20	81.38	-4,318.36	1,334.77	8,707.37	8,564.33	143.03	60.876		
14,500.00	7,001.00	7,109.00	6,539.54	197.13	54.20	81.38	-4,318.36	1,334.77	8,801.76	8,658.69	143.06	61.524		
14,600.00	7,001.00	7,109.00	6,539.54	198.98	54.20	81.38	-4,318.36	1,334.77	8,896.27	8,753.18	143.09	62.172		
14,700.00	7,001.00	7,109.00	6,539.54	200.85	54.20	81.38	-4,318.36	1,334.77	8,990.90	8,847.78	143.12	62.821		
14,800.00	7,001.00	7,109.00	6,539.54	202.73	54.20	81.38	-4,318.36	1,334.77	9,085.65	8,942.50	143.15	63.470		
14,900.00	7,001.00	7,109.00	6,539.54	204.64	54.20	81.38	-4,318.36	1,334.77	9,180.51	9,037.33	143.18	64.120		
15,000.00	7,001.00	7,109.00	6,539.54	206.57	54.20	81.38	-4,318.36	1,334.77	9,275.47	9,132.27	143.21	64.770		
15,100.00	7,001.00	7,109.00	6,539.54	208.52	54.20	81.38	-4,318.36	1,334.77	9,370.54	9,227.31	143.23	65.421		
15,200.00	7,001.00	7,109.00	6,539.54	210.49	54.20	81.38	-4,318.36	1,334.77	9,465.72	9,322.46	143.26	66.073		
15,300.00	7,001.00	7,109.00	6,539.54	212.48	54.20	81.38	-4,318.36	1,334.77	9,560.99	9,417.70	143.29	66.725		
15,400.00	7,001.00	7,109.00	6,539.54	214.48	54.20	81.38	-4,318.36	1,334.77	9,656.36	9,513.04	143.32	67.377		
15,500.00	7,001.00	7,109.00	6,539.54	216.51	54.20	81.38	-4,318.36	1,334.77	9,751.82	9,608.47	143.35	68.030		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		Sec 36-T7N-R67W - EXIST HZ BALDRIDGE 8-1 - Wellbore #1 - Wellbore #1										<b>Offset Site Error:</b>	0.00 usft
Survey Program: 98-MWD												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,600.00	7,001.00	7,080.23	6,511.28	218.55	54.07	80.84	-4,313.79	1,331.94	9,847.26	9,704.16	143.10	68.812	
15,700.00	7,001.00	7,076.22	6,507.34	220.60	54.05	80.76	-4,313.13	1,331.55	9,942.87	9,799.77	143.10	69.484	
15,800.00	7,001.00	7,072.23	6,503.42	222.68	54.03	80.69	-4,312.47	1,331.16	10,038.56	9,895.47	143.09	70.156	
15,900.00	7,001.00	7,068.25	6,499.53	224.76	54.02	80.62	-4,311.81	1,330.77	10,134.33	9,991.25	143.08	70.829	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 96-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	84.11	84.11	0.27	0.13	-177.68	-2,129.51	-86.35	2,131.29	2,130.90	0.39	5,398.180		
200.00	199.98	192.38	192.37	0.62	0.49	-22.55	-2,128.67	-85.42	2,128.87	2,127.77	1.11	1,923.321		
300.00	299.84	287.15	287.13	0.97	0.83	-22.68	-2,127.95	-84.15	2,123.22	2,121.42	1.80	1,177.881		
400.00	399.45	381.80	381.75	1.34	1.17	-22.88	-2,127.36	-82.19	2,114.49	2,111.99	2.51	843.791		
500.00	498.70	461.71	461.66	1.74	1.45	-23.11	-2,127.39	-80.96	2,103.25	2,100.09	3.16	665.770		
600.00	597.47	548.82	548.76	2.17	1.76	-23.39	-2,128.05	-79.91	2,089.56	2,085.71	3.84	543.568		
700.00	695.62	661.20	661.10	2.62	2.16	-23.85	-2,129.18	-77.27	2,072.99	2,068.35	4.63	447.290		
800.00	793.06	791.86	791.72	3.12	2.62	-24.44	-2,127.82	-74.56	2,051.12	2,045.62	5.50	373.041		
900.00	889.64	881.37	881.22	3.65	2.93	-24.93	-2,126.88	-74.68	2,026.43	2,020.21	6.22	325.963		
1,000.00	985.27	987.19	987.03	4.23	3.30	-25.57	-2,125.70	-74.49	1,998.71	1,991.70	7.01	285.217		
1,100.00	1,079.82	1,086.49	1,086.28	4.85	3.66	-26.37	-2,124.02	-71.74	1,967.49	1,959.69	7.80	252.219		
1,200.00	1,173.17	1,189.49	1,189.14	5.52	4.03	-27.38	-2,121.97	-66.80	1,933.23	1,924.60	8.63	224.030		
1,300.00	1,265.21	1,276.74	1,276.16	6.24	4.35	-28.45	-2,119.94	-60.93	1,896.00	1,886.58	9.43	201.087		
1,400.00	1,355.84	1,353.13	1,352.26	7.01	4.63	-29.60	-2,118.42	-54.40	1,856.62	1,846.40	10.22	181.627		
1,500.00	1,444.84	1,431.28	1,429.92	7.83	4.93	-30.96	-2,117.31	-45.74	1,815.45	1,804.39	11.06	164.150		
1,600.00	1,532.39	1,539.39	1,536.97	8.70	5.35	-32.96	-2,115.39	-30.82	1,772.09	1,760.04	12.05	147.024		
1,700.00	1,618.11	1,648.57	1,644.34	9.62	5.80	-35.40	-2,110.81	-11.64	1,725.02	1,711.90	13.12	131.500		
1,800.00	1,701.97	1,731.29	1,725.02	10.59	6.16	-37.75	-2,106.23	6.05	1,675.84	1,661.68	14.17	118.300		
1,900.00	1,783.88	1,804.04	1,795.39	11.62	6.49	-40.19	-2,101.71	23.90	1,625.43	1,610.17	15.26	106.488		
2,000.00	1,863.74	1,869.58	1,858.28	12.69	6.81	-42.72	-2,097.32	41.83	1,574.41	1,557.98	16.43	95.836		
2,100.00	1,941.45	1,929.28	1,915.11	13.81	7.12	-45.32	-2,093.11	59.63	1,523.34	1,505.66	17.68	86.170		
2,200.00	2,016.92	2,003.82	1,985.45	14.98	7.53	-48.65	-2,087.26	83.57	1,472.54	1,453.40	19.14	76.934		
2,300.00	2,090.05	2,076.61	2,053.60	16.19	7.95	-52.20	-2,080.04	108.11	1,421.80	1,401.06	20.74	68.555		
2,400.00	2,160.76	2,135.06	2,107.98	17.45	8.31	-55.42	-2,073.41	128.50	1,372.22	1,349.83	22.39	61.288		
2,500.00	2,228.95	2,176.66	2,146.49	18.76	8.57	-58.05	-2,068.41	143.40	1,324.77	1,300.71	24.06	55.063		
2,600.00	2,294.55	2,213.43	2,180.41	20.11	8.81	-60.51	-2,063.96	156.88	1,280.39	1,254.59	25.81	49.612		
2,700.00	2,357.48	2,249.72	2,213.79	21.50	9.05	-62.95	-2,059.54	170.42	1,239.78	1,212.12	27.66	44.818		
2,800.00	2,417.66	2,287.54	2,248.59	22.94	9.30	-65.42	-2,054.90	184.46	1,203.49	1,173.86	29.63	40.624		
2,900.00	2,475.05	2,322.18	2,280.52	24.41	9.53	-67.61	-2,050.61	197.19	1,172.22	1,140.60	31.62	37.072		
3,000.00	2,531.40	2,350.60	2,306.76	25.89	9.73	-68.98	-2,047.14	207.54	1,147.50	1,113.95	33.55	34.206		
3,100.00	2,587.75	2,379.35	2,333.36	27.39	9.92	-70.38	-2,043.81	217.93	1,130.35	1,094.94	35.41	31.923		
3,200.00	2,644.11	2,409.47	2,361.29	28.89	10.13	-71.84	-2,040.52	228.71	1,121.07	1,083.89	37.17	30.158		
3,266.42	2,681.54	2,431.43	2,381.70	29.88	10.28	-72.90	-2,038.24	236.51	1,119.31	1,081.03	38.29	29.235 CC		
3,300.00	2,700.46	2,443.35	2,392.77	30.39	10.36	-73.48	-2,037.00	240.73	1,119.76	1,080.93	38.83	28.837 ES		
3,400.00	2,756.81	2,478.75	2,425.68	31.89	10.60	-75.19	-2,033.26	253.22	1,126.35	1,086.03	40.33	27.932		
3,500.00	2,813.17	2,513.99	2,458.46	33.40	10.84	-76.90	-2,029.46	265.59	1,140.70	1,099.08	41.62	27.408		
3,600.00	2,869.52	2,543.37	2,485.80	34.91	11.04	-78.31	-2,026.32	275.89	1,162.60	1,119.97	42.63	27.272 SF		
3,700.00	2,925.87	2,573.10	2,513.46	36.42	11.24	-79.74	-2,023.27	286.35	1,191.71	1,148.27	43.45	27.428		
3,800.00	2,982.22	2,603.37	2,541.63	37.93	11.45	-81.17	-2,020.31	297.04	1,227.50	1,183.40	44.10	27.836		
3,900.00	3,038.58	2,636.12	2,572.10	39.45	11.68	-82.72	-2,017.22	308.63	1,269.35	1,224.72	44.63	28.440		
4,000.00	3,094.93	2,669.51	2,603.18	40.96	11.91	-84.27	-2,014.13	320.44	1,316.65	1,271.59	45.05	29.225		
4,100.00	3,151.28	2,703.21	2,634.55	42.48	12.15	-85.82	-2,011.07	332.36	1,368.80	1,323.43	45.38	30.164		
4,200.00	3,207.63	2,737.47	2,666.45	44.00	12.39	-87.38	-2,007.99	344.47	1,425.28	1,379.64	45.64	31.229		
4,300.00	3,263.99	2,771.87	2,698.49	45.52	12.63	-88.92	-2,004.92	356.61	1,485.57	1,439.72	45.85	32.401		
4,400.00	3,320.34	2,811.02	2,734.98	47.04	12.91	-90.65	-2,001.45	370.38	1,549.20	1,503.12	46.09	33.614		
4,500.00	3,376.69	2,861.90	2,782.53	48.56	13.26	-92.84	-1,996.93	387.89	1,615.55	1,569.08	46.47	34.766		
4,600.00	3,433.05	2,905.14	2,823.08	50.08	13.56	-94.66	-1,993.07	402.39	1,684.22	1,637.50	46.72	36.048		
4,700.00	3,489.40	2,938.89	2,854.75	51.61	13.79	-96.05	-1,990.12	413.68	1,755.18	1,708.35	46.83	37.477		
4,800.00	3,545.75	2,972.80	2,886.56	53.13	14.03	-97.41	-1,987.20	425.06	1,828.22	1,781.27	46.95	38.942		
4,900.00	3,602.10	3,007.53	2,919.14	54.65	14.27	-98.78	-1,984.22	436.73	1,903.08	1,856.01	47.07	40.427		
5,000.00	3,658.46	3,042.09	2,951.57	56.18	14.51	-100.12	-1,981.10	448.28	1,979.56	1,932.35	47.20	41.936		
5,100.00	3,714.81	3,076.10	2,983.48	57.70	14.74	-101.41	-1,977.87	459.58	2,057.48	2,010.15	47.33	43.471		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 96-MWVD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	3,077.00	2,984.32	59.23	14.75	-101.44	-1,977.78	459.88	2,136.95	2,089.95	47.00	45.467		
5,300.00	3,827.51	3,111.42	3,016.53	60.75	14.99	-102.72	-1,974.34	471.50	2,217.56	2,170.41	47.15	47.028		
5,400.00	3,883.87	3,128.00	3,031.99	62.28	15.11	-103.32	-1,972.62	477.26	2,299.58	2,252.52	47.07	48.858		
5,500.00	3,940.22	3,144.05	3,046.90	63.80	15.23	-103.90	-1,970.91	482.93	2,382.75	2,335.77	46.98	50.715		
5,600.00	3,996.57	3,170.00	3,070.93	65.33	15.42	-104.82	-1,968.07	492.31	2,467.02	2,419.96	47.06	52.427		
5,700.00	4,052.93	3,188.01	3,087.59	66.86	15.55	-105.44	-1,966.07	498.87	2,552.11	2,505.09	47.03	54.269		
5,800.00	4,109.28	3,247.75	3,143.00	68.39	15.99	-107.47	-1,959.42	520.18	2,637.72	2,590.12	47.61	55.405		
5,900.00	4,165.63	3,288.75	3,181.16	69.91	16.29	-108.80	-1,954.89	534.47	2,723.69	2,675.76	47.93	56.828		
6,000.00	4,221.98	3,322.96	3,212.99	71.44	16.54	-109.88	-1,951.32	546.48	2,810.19	2,762.02	48.17	58.341		
6,100.00	4,278.34	3,357.81	3,245.40	72.97	16.79	-110.94	-1,947.87	558.82	2,897.17	2,848.74	48.43	59.820		
6,200.00	4,334.69	3,399.18	3,283.90	74.50	17.09	-112.16	-1,943.84	573.41	2,984.54	2,935.74	48.80	61.159		
6,300.00	4,391.04	3,440.70	3,322.61	76.03	17.40	-113.35	-1,939.67	587.83	3,072.24	3,023.07	49.17	62.476		
6,400.00	4,447.40	3,469.97	3,349.93	77.55	17.61	-114.17	-1,936.64	597.89	3,160.28	3,110.90	49.38	63.995		
6,500.00	4,503.75	3,494.25	3,372.58	79.08	17.79	-114.83	-1,934.04	606.26	3,248.77	3,199.24	49.53	65.592		
6,600.00	4,560.10	3,518.11	3,394.82	80.61	17.96	-115.48	-1,931.43	614.49	3,337.66	3,287.98	49.68	67.185		
6,700.00	4,616.45	3,545.00	3,419.87	82.14	18.16	-116.19	-1,928.39	623.79	3,426.95	3,377.08	49.88	68.708		
6,800.00	4,672.81	3,604.86	3,475.67	83.67	18.59	-117.71	-1,921.83	644.43	3,516.45	3,465.91	50.54	69.573		
6,900.00	4,729.16	3,826.00	3,683.74	85.20	20.13	-122.68	-1,902.76	716.78	3,605.39	3,551.97	53.43	67.485		
7,000.00	4,785.51	3,826.00	3,683.74	86.73	20.13	-122.68	-1,902.76	716.78	3,693.57	3,640.28	53.29	69.313		
7,100.00	4,841.86	3,859.44	3,715.46	88.26	20.36	-123.36	-1,900.14	727.03	3,781.97	3,728.37	53.60	70.554		
7,200.00	4,898.22	3,874.35	3,729.57	89.79	20.46	-123.66	-1,898.90	731.70	3,870.90	3,817.22	53.68	72.115		
7,300.00	4,954.57	3,888.88	3,743.28	91.32	20.56	-123.95	-1,897.65	736.32	3,960.23	3,906.47	53.75	73.678		
7,400.00	5,010.92	3,920.00	3,772.59	92.85	20.77	-124.55	-1,894.82	746.41	4,050.01	3,995.96	54.05	74.927		
7,500.00	5,067.28	3,920.00	3,772.59	94.38	20.77	-124.55	-1,894.82	746.41	4,139.98	4,086.04	53.94	76.751		
7,600.00	5,123.63	3,939.53	3,790.93	95.91	20.91	-124.92	-1,892.97	752.84	4,230.33	4,176.23	54.10	78.195		
7,700.00	5,179.98	3,964.81	3,814.67	97.44	21.09	-125.39	-1,890.57	761.23	4,320.91	4,266.57	54.34	79.513		
7,800.00	5,236.33	3,989.86	3,838.16	98.97	21.27	-125.84	-1,888.17	769.58	4,411.71	4,357.12	54.59	80.819		
7,900.00	5,292.69	4,014.00	3,860.78	100.50	21.44	-126.27	-1,885.85	777.68	4,502.70	4,447.88	54.83	82.128		
8,000.00	5,349.04	4,041.07	3,886.12	102.03	21.64	-126.75	-1,883.22	786.81	4,593.89	4,538.78	55.11	83.359		
8,100.00	5,405.39	4,067.18	3,910.56	103.56	21.82	-127.19	-1,880.66	795.65	4,685.24	4,629.85	55.39	84.593		
8,200.00	5,461.74	4,093.08	3,934.78	105.09	22.01	-127.62	-1,878.09	804.44	4,776.76	4,721.09	55.66	85.816		
8,300.00	5,518.10	4,122.50	3,962.30	106.62	22.22	-128.10	-1,875.14	814.45	4,868.42	4,812.43	55.99	86.948		
8,400.00	5,574.45	4,156.24	3,993.85	108.15	22.47	-128.64	-1,871.70	825.89	4,960.19	4,903.81	56.38	87.972		
8,500.00	5,630.80	4,189.88	4,025.32	109.68	22.71	-129.17	-1,868.21	837.23	5,052.05	4,995.28	56.78	88.981		
8,600.00	5,687.16	4,201.00	4,035.73	111.21	22.79	-129.34	-1,867.04	840.97	5,144.05	5,087.18	56.87	90.460		
8,700.00	5,743.51	4,238.35	4,070.66	112.75	23.07	-129.90	-1,863.14	853.62	5,236.13	5,178.81	57.32	91.351		
8,800.00	5,799.86	4,260.51	4,091.34	114.28	23.23	-130.23	-1,860.85	861.22	5,328.39	5,270.82	57.57	92.557		
8,900.00	5,856.21	4,295.00	4,123.49	115.81	23.48	-130.72	-1,857.31	873.22	5,420.81	5,362.81	57.99	93.473		
9,000.00	5,912.57	4,295.00	4,123.49	117.34	23.48	-130.72	-1,857.31	873.22	5,513.33	5,455.39	57.95	95.147		
9,100.00	5,968.92	4,326.13	4,152.45	118.87	23.72	-131.15	-1,854.15	884.19	5,605.98	5,547.65	58.34	96.097		
9,200.00	6,025.27	4,347.71	4,172.50	120.40	23.88	-131.44	-1,851.97	891.87	5,698.77	5,640.17	58.60	97.251		
9,300.00	6,081.63	4,369.12	4,192.36	121.93	24.04	-131.72	-1,849.80	899.55	5,791.68	5,732.82	58.86	98.394		
9,400.00	6,137.98	4,391.53	4,213.14	123.46	24.21	-132.01	-1,847.55	907.65	5,884.70	5,825.56	59.14	99.499		
9,500.00	6,194.33	4,423.40	4,242.66	125.00	24.45	-132.41	-1,844.36	919.22	5,977.80	5,918.24	59.56	100.360		
9,600.00	6,250.68	4,455.30	4,272.20	126.53	24.70	-132.80	-1,841.19	930.82	6,070.95	6,010.97	59.99	101.203		
9,700.00	6,307.04	4,487.87	4,302.36	128.06	24.95	-133.19	-1,837.97	942.69	6,164.15	6,103.73	60.42	102.014		
9,800.00	6,363.39	4,523.80	4,335.64	129.59	25.22	-133.61	-1,834.42	955.77	6,257.38	6,196.47	60.91	102.729		
9,900.00	6,419.74	4,559.80	4,369.00	131.12	25.50	-134.02	-1,830.84	968.81	6,350.64	6,289.24	61.40	103.429		
10,000.00	6,476.09	4,576.00	4,384.02	132.65	25.62	-134.20	-1,829.22	974.67	6,443.94	6,382.33	61.61	104.587		
10,100.00	6,532.45	4,576.00	4,384.02	134.18	25.62	-134.20	-1,829.22	974.67	6,537.43	6,475.83	61.60	106.126		
10,200.00	6,588.80	6,918.00	6,660.50	135.72	36.52	-151.72	-1,706.87	1,369.94	6,616.36	6,531.37	85.00	77.843		
10,300.00	6,645.15	6,947.90	6,690.39	137.25	36.58	-151.89	-1,707.07	1,369.50	6,694.53	6,609.23	85.30	78.481		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 96-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	6,969.82	6,712.31	138.78	36.63	-152.01	-1,707.11	1,369.28	6,773.09	6,687.54	85.55	79.169		
10,500.00	6,757.86	7,012.00	6,754.49	140.31	36.72	-152.23	-1,706.97	1,369.08	6,852.11	6,766.18	85.93	79.739		
10,600.00	6,813.28	7,017.87	6,760.36	141.87	36.73	-164.08	-1,706.94	1,369.07	6,932.87	6,846.79	86.08	80.543		
10,700.00	6,864.12	7,205.05	6,947.53	143.49	37.13	175.53	-1,707.52	1,367.81	7,018.28	6,930.89	87.38	80.318		
10,800.00	6,908.67	7,295.74	7,038.21	145.14	37.32	153.49	-1,708.53	1,366.36	7,106.09	7,018.08	88.01	80.743		
10,900.00	6,945.58	7,330.31	7,072.77	146.73	37.39	132.01	-1,708.99	1,365.74	7,194.15	7,105.92	88.22	81.545		
11,000.00	6,973.71	7,358.10	7,100.55	148.22	37.44	114.50	-1,709.38	1,365.28	7,280.09	7,191.75	88.34	82.414		
11,100.00	6,992.22	7,376.80	7,119.24	149.55	37.48	101.90	-1,709.66	1,365.00	7,361.52	7,273.17	88.35	83.325		
11,200.00	7,000.54	7,387.00	7,129.44	150.69	37.50	93.50	-1,709.81	1,364.85	7,436.22	7,347.93	88.29	84.225		
11,300.00	7,001.00	7,387.00	7,129.44	151.65	37.50	91.64	-1,709.81	1,364.85	7,504.78	7,416.59	88.19	85.101		
11,400.00	7,001.00	7,387.00	7,129.44	152.64	37.50	91.64	-1,709.81	1,364.85	7,573.61	7,485.50	88.11	85.952		
11,500.00	7,001.00	7,390.35	7,132.79	153.65	37.51	91.67	-1,709.86	1,364.80	7,643.13	7,555.04	88.09	86.765		
11,600.00	7,001.00	7,391.67	7,134.11	154.69	37.51	91.69	-1,709.88	1,364.78	7,713.32	7,625.24	88.08	87.576		
11,700.00	7,001.00	7,392.97	7,135.41	155.76	37.52	91.70	-1,709.90	1,364.76	7,784.16	7,696.07	88.09	88.371		
11,800.00	7,001.00	7,394.26	7,136.70	156.85	37.52	91.72	-1,709.92	1,364.75	7,855.63	7,767.51	88.12	89.151		
11,900.00	7,001.00	7,395.54	7,137.98	157.98	37.52	91.73	-1,709.94	1,364.73	7,927.72	7,839.55	88.17	89.917		
12,000.00	7,001.00	7,396.81	7,139.25	159.14	37.52	91.74	-1,709.96	1,364.71	8,000.41	7,912.17	88.24	90.669		
12,100.00	7,001.00	7,398.06	7,140.50	160.32	37.53	91.76	-1,709.98	1,364.69	8,073.69	7,985.36	88.33	91.408		
12,200.00	7,001.00	7,399.30	7,141.74	161.54	37.53	91.77	-1,710.00	1,364.67	8,147.53	8,059.10	88.43	92.134		
12,300.00	7,001.00	7,400.53	7,142.97	162.78	37.53	91.78	-1,710.02	1,364.66	8,221.93	8,133.37	88.55	92.849		
12,400.00	7,001.00	7,401.75	7,144.19	164.06	37.53	91.79	-1,710.04	1,364.64	8,296.86	8,208.17	88.69	93.552		
12,500.00	7,001.00	7,402.96	7,145.40	165.36	37.54	91.81	-1,710.06	1,364.62	8,372.32	8,283.48	88.84	94.244		
12,600.00	7,001.00	7,404.16	7,146.60	166.69	37.54	91.82	-1,710.08	1,364.61	8,448.28	8,359.28	89.00	94.927		
12,700.00	7,001.00	7,405.34	7,147.78	168.05	37.54	91.83	-1,710.10	1,364.59	8,524.75	8,435.57	89.17	95.599		
12,800.00	7,001.00	7,406.52	7,148.96	169.44	37.54	91.84	-1,710.11	1,364.58	8,601.69	8,512.33	89.36	96.263		
12,900.00	7,001.00	7,407.68	7,150.12	170.86	37.55	91.86	-1,710.13	1,364.56	8,679.11	8,589.56	89.55	96.919		
13,000.00	7,001.00	7,408.84	7,151.27	172.30	37.55	91.87	-1,710.15	1,364.55	8,756.98	8,667.22	89.75	97.566		
13,100.00	7,001.00	4,201.00	4,035.73	173.78	22.79	61.04	-1,867.04	840.97	8,830.05	8,766.90	63.15	139.826		
13,200.00	7,001.00	4,202.71	4,037.33	175.28	22.80	61.06	-1,866.86	841.54	8,902.97	8,839.33	63.64	139.907		
13,300.00	7,001.00	4,165.18	4,002.22	176.80	22.53	60.75	-1,870.78	828.91	8,976.35	8,912.60	63.75	140.815		
13,400.00	7,001.00	4,127.22	3,966.70	178.36	22.26	60.44	-1,874.66	816.05	9,050.10	8,986.23	63.86	141.707		
13,500.00	7,001.00	4,107.00	3,947.80	179.94	22.11	60.28	-1,876.70	809.18	9,124.22	9,060.06	64.16	142.207		
13,600.00	7,001.00	4,075.07	3,917.94	181.55	21.88	60.02	-1,879.88	798.32	9,198.73	9,134.37	64.36	142.934		
13,700.00	7,001.00	4,053.53	3,897.79	183.18	21.73	59.85	-1,882.00	791.02	9,273.64	9,208.99	64.65	143.434		
13,800.00	7,001.00	4,032.11	3,877.73	184.84	21.57	59.67	-1,884.10	783.79	9,348.95	9,283.99	64.96	143.922		
13,900.00	7,001.00	4,014.00	3,860.78	186.52	21.44	59.53	-1,885.85	777.68	9,424.64	9,359.34	65.30	144.336		
14,000.00	7,001.00	4,014.00	3,860.78	188.23	21.44	59.53	-1,885.85	777.68	9,500.75	9,434.96	65.80	144.399		
14,100.00	7,001.00	3,974.74	3,823.98	189.97	21.16	59.22	-1,889.62	764.53	9,577.16	9,511.20	65.96	145.205		
14,200.00	7,001.00	3,956.74	3,807.09	191.72	21.03	59.07	-1,891.34	758.54	9,653.97	9,587.67	66.30	145.603		
14,300.00	7,001.00	3,920.00	3,772.59	193.50	20.77	58.78	-1,894.82	746.41	9,731.18	9,664.69	66.50	146.341		
14,400.00	7,001.00	3,920.00	3,772.59	195.30	20.77	58.78	-1,894.82	746.41	9,808.68	9,741.68	67.00	146.408		
14,500.00	7,001.00	3,920.00	3,772.59	197.13	20.77	58.78	-1,894.82	746.41	9,886.58	9,819.09	67.49	146.486		
14,600.00	7,001.00	3,920.00	3,772.59	198.98	20.77	58.78	-1,894.82	746.41	9,964.87	9,896.89	67.98	146.578		
14,700.00	7,001.00	3,920.00	3,772.59	200.85	20.77	58.78	-1,894.82	746.41	10,043.55	9,975.08	68.47	146.681		



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 94-MWVD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	124.13	124.11	0.27	0.26	-177.23	-2,127.96	-102.95	2,131.08	2,130.56	0.53	4,053.935		
200.00	199.98	265.68	265.55	0.62	0.76	-22.04	-2,123.20	-105.08	2,126.24	2,124.85	1.39	1,530.287		
300.00	299.84	437.69	437.22	0.97	1.39	-22.27	-2,113.03	-102.28	2,115.51	2,113.13	2.38	889.657		
400.00	399.45	608.29	606.79	1.34	2.04	-22.81	-2,096.90	-92.96	2,097.68	2,094.31	3.38	621.326		
500.00	498.70	792.67	788.83	1.74	2.81	-23.69	-2,072.75	-76.86	2,073.03	2,068.58	4.45	465.534		
600.00	597.47	1,014.21	1,004.24	2.17	3.87	-25.35	-2,033.52	-43.55	2,041.02	2,035.28	5.74	355.360		
700.00	695.62	1,163.35	1,147.49	2.62	4.68	-26.84	-1,999.67	-19.62	2,001.24	1,994.47	6.76	295.854		
800.00	793.06	1,262.75	1,242.83	3.12	5.24	-28.11	-1,975.80	-4.72	1,958.00	1,950.41	7.58	258.200		
900.00	889.64	1,354.13	1,330.25	3.65	5.76	-29.49	-1,953.34	9.56	1,911.78	1,903.39	8.39	227.860		
1,000.00	985.27	1,426.15	1,399.16	4.23	6.18	-30.82	-1,935.67	20.73	1,863.30	1,854.16	9.14	203.855		
1,100.00	1,079.82	1,488.70	1,459.08	4.85	6.54	-32.20	-1,920.93	30.97	1,813.46	1,803.58	9.88	183.532		
1,200.00	1,173.17	1,566.88	1,533.96	5.52	6.99	-33.96	-1,902.88	44.33	1,762.02	1,751.30	10.73	164.272		
1,300.00	1,265.21	1,640.62	1,604.62	6.24	7.42	-35.86	-1,885.95	56.93	1,708.86	1,697.27	11.59	147.438		
1,400.00	1,355.84	1,704.26	1,665.74	7.01	7.78	-37.76	-1,871.57	67.35	1,654.33	1,641.88	12.46	132.818		
1,500.00	1,444.94	1,765.00	1,724.16	7.83	8.13	-39.80	-1,858.47	77.53	1,599.11	1,585.75	13.36	119.680		
1,600.00	1,532.39	1,837.51	1,793.89	8.70	8.55	-42.32	-1,843.02	90.08	1,542.98	1,528.60	14.38	107.273		
1,700.00	1,618.11	1,905.93	1,859.60	9.62	8.94	-45.02	-1,828.24	102.08	1,485.75	1,470.29	15.46	96.092		
1,800.00	1,701.97	1,968.62	1,919.95	10.59	9.30	-47.80	-1,814.87	112.57	1,428.06	1,411.46	16.60	86.040		
1,900.00	1,783.88	2,026.05	1,975.29	11.62	9.62	-50.66	-1,802.86	122.13	1,370.41	1,352.60	17.81	76.963		
2,000.00	1,863.74	2,098.02	2,044.61	12.69	10.04	-54.27	-1,787.78	134.27	1,313.00	1,293.81	19.19	68.422		
2,100.00	1,941.45	2,166.34	2,110.20	13.81	10.43	-58.08	-1,772.64	145.90	1,255.63	1,234.94	20.69	60.694		
2,200.00	2,016.92	2,223.15	2,164.80	14.98	10.76	-61.66	-1,759.97	155.18	1,199.44	1,177.17	22.28	53.844		
2,300.00	2,090.05	2,271.61	2,211.45	16.19	11.04	-65.01	-1,749.29	162.77	1,145.30	1,121.32	23.97	47.777		
2,400.00	2,160.76	2,316.88	2,255.13	17.45	11.29	-68.30	-1,739.59	169.72	1,094.14	1,068.34	25.80	42.404		
2,500.00	2,228.95	2,360.74	2,297.47	18.76	11.54	-71.56	-1,730.38	176.43	1,046.79	1,019.02	27.77	37.691		
2,600.00	2,294.55	2,401.57	2,336.87	20.11	11.77	-74.66	-1,721.82	182.89	1,004.23	974.37	29.86	33.633		
2,700.00	2,357.48	2,440.68	2,374.58	21.50	11.99	-77.63	-1,713.62	189.25	967.54	935.51	32.03	30.208		
2,800.00	2,417.66	2,478.07	2,410.62	22.94	12.20	-80.41	-1,705.76	195.36	937.77	903.54	34.22	27.402		
2,900.00	2,475.05	2,512.11	2,443.42	24.41	12.39	-82.82	-1,698.60	200.94	916.01	879.67	36.35	25.202		
3,000.00	2,531.40	2,544.61	2,474.74	25.89	12.58	-84.77	-1,691.71	206.30	903.46	865.16	38.30	23.587		
3,077.52	2,575.09	2,569.42	2,498.62	27.05	12.72	-86.26	-1,686.40	210.43	900.48	860.83	39.64	22.714 CC		
3,100.00	2,587.75	2,576.56	2,505.48	27.39	12.76	-86.69	-1,684.87	211.63	900.73	860.73	40.00	22.519 ES		
3,200.00	2,644.11	2,608.00	2,535.72	28.89	12.95	-88.59	-1,678.07	216.92	907.93	866.56	41.37	21.946		
3,300.00	2,700.46	2,637.23	2,563.82	30.39	13.12	-90.34	-1,671.73	221.91	924.89	882.51	42.38	21.823 SF		
3,400.00	2,756.81	2,666.52	2,591.96	31.89	13.29	-92.09	-1,665.42	226.99	951.12	908.06	43.06	22.089		
3,500.00	2,813.17	2,695.82	2,620.12	33.40	13.46	-93.83	-1,659.16	232.15	985.88	942.44	43.44	22.694		
3,600.00	2,869.52	2,720.91	2,644.20	34.91	13.61	-95.31	-1,653.75	236.66	1,028.36	984.81	43.55	23.613		
3,700.00	2,925.87	2,743.43	2,665.74	36.42	13.75	-96.63	-1,648.71	240.87	1,077.79	1,034.34	43.44	24.808		
3,800.00	2,982.22	2,764.47	2,685.79	37.93	13.87	-97.86	-1,643.82	244.94	1,133.32	1,090.13	43.19	26.239		
3,900.00	3,038.58	2,796.00	2,715.72	39.45	14.07	-99.68	-1,636.19	251.28	1,194.25	1,151.29	42.96	27.799		
4,000.00	3,094.93	2,806.99	2,726.12	40.96	14.14	-100.31	-1,633.46	253.54	1,259.57	1,217.09	42.47	29.654		
4,100.00	3,151.28	2,837.01	2,754.56	42.48	14.33	-102.01	-1,626.01	259.67	1,328.71	1,286.54	42.17	31.508		
4,200.00	3,207.63	2,867.19	2,783.15	44.00	14.52	-103.69	-1,618.52	265.77	1,400.98	1,359.11	41.87	33.461		
4,300.00	3,263.99	2,902.09	2,816.22	45.52	14.74	-105.59	-1,609.86	272.75	1,475.91	1,434.28	41.63	35.452		
4,400.00	3,320.34	2,951.32	2,863.05	47.04	15.05	-108.20	-1,597.95	282.21	1,552.88	1,511.31	41.56	37.363		
4,500.00	3,376.69	2,994.31	2,904.09	48.56	15.31	-110.39	-1,587.89	290.08	1,631.45	1,590.00	41.46	39.355		
4,600.00	3,433.05	3,022.68	2,931.21	50.08	15.48	-111.80	-1,581.36	295.27	1,711.69	1,670.46	41.23	41.514		
4,700.00	3,489.40	3,051.17	2,958.44	51.61	15.66	-113.17	-1,574.86	300.55	1,793.43	1,752.39	41.04	43.699		
4,800.00	3,545.75	3,080.23	2,986.21	53.13	15.83	-114.54	-1,568.29	306.01	1,876.48	1,835.59	40.89	45.894		
4,900.00	3,602.10	3,113.82	3,018.34	54.65	16.03	-116.07	-1,560.81	312.39	1,960.62	1,919.81	40.81	48.043		
5,000.00	3,658.46	3,148.11	3,051.15	56.18	16.24	-117.57	-1,553.31	318.93	2,045.68	2,004.91	40.77	50.176		
5,100.00	3,714.81	3,183.46	3,085.01	57.70	16.45	-119.07	-1,545.73	325.72	2,131.53	2,090.76	40.77	52.282		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 94-MWVD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	3,219.93	3,119.96	59.23	16.67	-120.57	-1,537.95	332.65	2,218.05	2,177.25	40.80	54.357		
5,300.00	3,827.51	3,256.75	3,155.26	60.75	16.89	-122.02	-1,530.11	339.55	2,305.17	2,264.30	40.86	56.410		
5,400.00	3,883.87	3,294.49	3,191.48	62.28	17.11	-123.46	-1,522.12	346.55	2,392.80	2,351.84	40.95	58.426		
5,500.00	3,940.22	3,333.05	3,228.51	63.80	17.34	-124.87	-1,514.06	353.67	2,480.87	2,439.80	41.07	60.401		
5,600.00	3,996.57	3,373.77	3,267.65	65.33	17.58	-126.29	-1,505.66	361.13	2,569.33	2,528.10	41.23	62.311		
5,700.00	4,052.93	3,417.47	3,309.70	66.86	17.83	-127.77	-1,496.57	368.83	2,658.09	2,616.65	41.44	64.148		
5,800.00	4,109.28	3,480.28	3,370.21	68.39	18.19	-129.79	-1,483.34	379.24	2,747.07	2,705.23	41.84	65.664		
5,900.00	4,165.63	3,527.68	3,416.07	69.91	18.45	-131.24	-1,473.74	386.36	2,835.69	2,793.60	42.09	67.369		
6,000.00	4,221.98	3,573.13	3,460.05	71.44	18.71	-132.57	-1,464.53	393.20	2,924.72	2,882.37	42.34	69.071		
6,100.00	4,278.34	3,590.80	3,477.14	72.97	18.80	-133.07	-1,460.92	395.91	3,014.21	2,971.87	42.34	71.195		
6,200.00	4,334.69	3,608.01	3,493.75	74.50	18.90	-133.54	-1,457.35	398.63	3,104.15	3,061.81	42.34	73.318		
6,300.00	4,391.04	3,639.00	3,523.60	76.03	19.07	-134.38	-1,450.79	403.72	3,194.58	3,152.09	42.49	75.190		
6,400.00	4,447.40	3,650.16	3,534.35	77.55	19.14	-134.67	-1,448.40	405.58	3,285.27	3,242.82	42.45	77.393		
6,500.00	4,503.75	3,740.68	3,621.70	79.08	19.65	-136.95	-1,429.55	420.00	3,375.95	3,332.74	43.21	78.131		
6,600.00	4,560.10	3,786.47	3,666.01	80.61	19.90	-138.02	-1,420.32	426.98	3,466.50	3,422.96	43.53	79.631		
6,700.00	4,616.45	3,837.33	3,715.27	82.14	20.18	-139.15	-1,410.30	434.67	3,557.06	3,513.15	43.92	80.998		
6,800.00	4,672.81	3,854.00	3,731.41	83.67	20.28	-139.51	-1,406.97	437.18	3,647.84	3,603.87	43.97	82.962		
6,900.00	4,729.16	3,876.43	3,753.11	85.20	20.40	-139.99	-1,402.42	440.57	3,738.87	3,694.78	44.09	84.805		
7,000.00	4,785.51	3,898.41	3,774.36	86.73	20.52	-140.45	-1,397.89	443.89	3,830.15	3,785.94	44.21	86.640		
7,100.00	4,841.86	3,920.00	3,795.21	88.26	20.64	-140.89	-1,393.35	447.16	3,921.67	3,877.34	44.33	88.467		
7,200.00	4,898.22	3,941.63	3,816.08	89.79	20.77	-141.32	-1,388.75	450.46	4,013.41	3,968.95	44.46	90.273		
7,300.00	4,954.57	3,962.98	3,836.68	91.32	20.89	-141.74	-1,384.17	453.77	4,105.37	4,060.78	44.59	92.066		
7,400.00	5,010.92	3,984.04	3,856.97	92.85	21.01	-142.15	-1,379.63	457.09	4,197.53	4,152.80	44.73	93.846		
7,500.00	5,067.28	4,014.00	3,885.82	94.38	21.18	-142.71	-1,373.12	461.91	4,289.90	4,244.94	44.96	95.417		
7,600.00	5,123.63	4,014.00	3,885.82	95.91	21.18	-142.71	-1,373.12	461.91	4,382.44	4,337.54	44.90	97.612		
7,700.00	5,179.98	4,049.15	3,919.63	97.44	21.38	-143.34	-1,365.41	467.68	4,475.11	4,429.92	45.19	99.023		
7,800.00	5,236.33	4,071.47	3,941.07	98.97	21.51	-143.74	-1,360.48	471.38	4,567.95	4,522.59	45.36	100.694		
7,900.00	5,292.69	4,107.00	3,975.19	100.50	21.72	-144.34	-1,352.56	477.35	4,660.97	4,615.30	45.68	102.046		
8,000.00	5,349.04	4,138.88	4,005.81	102.03	21.91	-144.87	-1,345.46	482.69	4,754.04	4,708.09	45.95	103.453		
8,100.00	5,405.39	4,180.25	4,045.62	103.56	22.15	-145.54	-1,336.39	489.34	4,846.92	4,800.59	46.33	104.617		
8,200.00	5,461.74	4,235.99	4,099.27	105.09	22.47	-146.40	-1,324.20	498.31	4,939.86	4,893.00	46.86	105.428		
8,300.00	5,518.10	4,263.26	4,125.52	106.62	22.63	-146.80	-1,318.28	502.72	5,032.86	4,985.76	47.10	106.856		
8,400.00	5,574.45	4,295.00	4,156.06	108.15	22.81	-147.26	-1,311.39	507.91	5,125.96	5,078.57	47.39	108.157		
8,500.00	5,630.80	4,326.29	4,186.17	109.68	22.99	-147.69	-1,304.68	513.13	5,219.12	5,171.43	47.69	109.442		
8,600.00	5,687.16	4,364.41	4,222.86	111.21	23.21	-148.20	-1,296.67	519.67	5,312.29	5,264.23	48.06	110.534		
8,700.00	5,743.51	4,389.00	4,246.54	112.75	23.35	-148.51	-1,291.62	524.00	5,405.50	5,357.20	48.30	111.918		
8,800.00	5,799.86	4,418.10	4,274.54	114.28	23.52	-148.87	-1,285.64	529.19	5,498.78	5,450.19	48.59	113.170		
8,900.00	5,856.21	4,439.16	4,294.79	115.81	23.65	-149.13	-1,281.26	532.96	5,592.18	5,543.38	48.80	114.599		
9,000.00	5,912.57	4,459.95	4,314.78	117.34	23.77	-149.38	-1,276.90	536.69	5,685.68	5,636.67	49.01	116.016		
9,100.00	5,968.92	4,482.00	4,335.96	118.87	23.90	-149.64	-1,272.23	540.65	5,779.28	5,730.05	49.23	117.385		
9,200.00	6,025.27	4,520.64	4,373.07	120.40	24.12	-150.08	-1,264.03	547.61	5,872.94	5,823.30	49.63	118.326		
9,300.00	6,081.63	4,562.83	4,413.61	121.93	24.37	-150.55	-1,255.17	555.22	5,966.57	5,916.50	50.07	119.155		
9,400.00	6,137.98	4,576.00	4,426.27	123.46	24.45	-150.69	-1,252.42	557.60	6,060.24	6,010.02	50.22	120.679		
9,500.00	6,194.33	4,606.17	4,455.25	125.00	24.63	-151.01	-1,246.13	563.13	6,153.96	6,103.42	50.54	121.761		
9,600.00	6,250.68	4,646.95	4,495.01	126.53	32.09	-162.66	-1,048.61	718.86	6,243.86	6,176.64	67.22	92.887		
9,700.00	6,307.04	4,694.47	4,542.53	128.06	32.22	-162.88	-1,048.76	718.38	6,324.83	6,257.08	67.75	93.360		
9,800.00	6,363.39	4,742.99	4,590.05	129.59	32.35	-163.10	-1,048.91	717.90	6,405.82	6,337.55	68.28	93.823		
9,900.00	6,419.74	4,791.84	4,638.89	131.12	32.49	-163.31	-1,049.07	717.43	6,486.85	6,418.04	68.80	94.284		
10,000.00	6,476.09	4,840.82	4,687.86	132.65	32.66	-163.59	-1,049.32	716.72	6,567.84	6,498.37	69.48	94.535		
10,100.00	6,532.45	4,890.45	4,737.49	134.18	32.83	-163.84	-1,049.69	715.81	6,648.67	6,578.56	70.12	94.823		
10,200.00	6,588.80	4,940.50	4,788.03	135.72	32.97	-164.05	-1,050.01	714.93	6,729.47	6,658.79	70.69	95.202		
10,300.00	6,645.15	4,990.55	4,838.08	137.25	33.13	-164.28	-1,050.43	713.88	6,810.24	6,738.93	71.31	95.505		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 94-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	6,701.51	6,957.64	6,775.65	138.78	33.27	-164.48	-1,050.86	712.92	6,890.95	6,819.08	71.87	95.880	
10,500.00	6,757.86	7,015.58	6,833.59	140.31	33.40	-164.67	-1,051.27	712.00	6,971.70	6,899.28	72.41	96.276	
10,600.00	6,813.28	7,091.47	6,909.46	141.87	33.58	-178.04	-1,051.96	710.81	7,053.44	6,980.34	73.10	96.488	
10,700.00	6,864.12	7,147.49	6,965.48	143.49	33.71	161.03	-1,052.60	709.95	7,138.22	7,064.58	73.63	96.942	
10,800.00	6,908.67	7,193.63	7,011.60	145.14	33.82	140.36	-1,053.13	709.24	7,223.87	7,149.80	74.06	97.535	
10,900.00	6,945.58	7,227.82	7,045.79	146.73	33.90	122.54	-1,053.52	708.72	7,307.95	7,233.58	74.37	98.268	
11,000.00	6,973.71	7,253.65	7,071.61	148.22	33.96	108.87	-1,053.79	708.33	7,388.13	7,313.56	74.58	99.067	
11,100.00	6,992.22	7,271.07	7,089.03	149.55	34.00	99.13	-1,053.97	708.07	7,462.24	7,387.53	74.71	99.880	
11,200.00	7,000.54	7,279.60	7,097.56	150.69	34.02	92.60	-1,054.06	707.95	7,528.31	7,453.51	74.80	100.646	
11,300.00	7,001.00	7,281.27	7,099.23	151.65	34.02	91.18	-1,054.08	707.92	7,587.43	7,512.54	74.89	101.319	
11,400.00	7,001.00	7,282.53	7,100.49	152.64	34.03	91.19	-1,054.09	707.91	7,646.91	7,571.90	75.01	101.939	
11,500.00	7,001.00	7,283.79	7,101.75	153.65	34.03	91.20	-1,054.10	707.89	7,707.24	7,632.06	75.18	102.517	
11,600.00	7,001.00	7,285.05	7,103.00	154.69	34.03	91.22	-1,054.11	707.87	7,768.38	7,693.00	75.38	103.056	
11,700.00	7,001.00	7,286.30	7,104.26	155.76	34.04	91.23	-1,054.12	707.85	7,830.33	7,754.71	75.61	103.559	
11,800.00	7,001.00	7,293.00	7,110.96	156.85	34.05	91.29	-1,054.19	707.75	7,893.05	7,817.13	75.92	103.967	
11,900.00	7,001.00	7,293.00	7,110.96	157.98	34.05	91.29	-1,054.19	707.75	7,956.54	7,880.34	76.20	104.417	
12,000.00	7,001.00	7,293.00	7,110.96	159.14	34.05	91.29	-1,054.19	707.75	8,020.77	7,944.26	76.51	104.837	
12,100.00	7,001.00	7,293.00	7,110.96	160.32	34.05	91.29	-1,054.19	707.75	8,085.72	8,008.88	76.84	105.229	
12,200.00	7,001.00	7,293.00	7,110.96	161.54	34.05	91.29	-1,054.19	707.75	8,151.39	8,074.20	77.19	105.597	
12,300.00	7,001.00	7,293.00	7,110.96	162.78	34.05	91.29	-1,054.19	707.75	8,217.75	8,140.18	77.57	105.942	
12,400.00	7,001.00	7,293.00	7,110.96	164.06	34.05	91.29	-1,054.19	707.75	8,284.78	8,206.82	77.96	106.267	
12,500.00	7,001.00	7,293.00	7,110.96	165.36	34.05	91.29	-1,054.19	707.75	8,352.47	8,274.10	78.37	106.574	
12,600.00	7,001.00	7,293.00	7,110.96	166.69	34.05	91.29	-1,054.19	707.75	8,420.81	8,342.01	78.80	106.865	
12,700.00	7,001.00	7,293.00	7,110.96	168.05	34.05	91.29	-1,054.19	707.75	8,489.77	8,410.53	79.24	107.142	
12,800.00	7,001.00	7,293.00	7,110.96	169.44	34.05	91.29	-1,054.19	707.75	8,559.35	8,479.66	79.69	107.407	
12,900.00	7,001.00	7,293.00	7,110.96	170.86	34.05	91.29	-1,054.19	707.75	8,629.52	8,549.37	80.15	107.661	
13,000.00	7,001.00	7,293.00	7,110.96	172.30	34.05	91.29	-1,054.19	707.75	8,700.28	8,619.65	80.63	107.906	
13,100.00	7,001.00	7,293.00	7,110.96	173.78	34.05	91.29	-1,054.19	707.75	8,771.61	8,690.50	81.11	108.144	
13,200.00	7,001.00	7,293.00	7,110.96	175.28	34.05	91.29	-1,054.19	707.75	8,843.49	8,761.89	81.60	108.376	
13,300.00	7,001.00	7,293.00	7,110.96	176.80	34.05	91.29	-1,054.19	707.75	8,915.91	8,833.82	82.10	108.603	
13,400.00	7,001.00	7,293.00	7,110.96	178.36	34.05	91.29	-1,054.19	707.75	8,988.87	8,906.27	82.60	108.826	
13,500.00	7,001.00	7,293.00	7,110.96	179.94	34.05	91.29	-1,054.19	707.75	9,062.34	8,979.23	83.10	109.047	
13,600.00	7,001.00	7,293.00	7,110.96	181.55	34.05	91.29	-1,054.19	707.75	9,136.31	9,052.70	83.61	109.266	
13,700.00	7,001.00	7,293.00	7,110.96	183.18	34.05	91.29	-1,054.19	707.75	9,210.78	9,126.65	84.13	109.485	
13,800.00	7,001.00	7,293.00	7,110.96	184.84	34.05	91.29	-1,054.19	707.75	9,285.72	9,201.08	84.64	109.703	
13,900.00	7,001.00	7,293.00	7,110.96	186.52	34.05	91.29	-1,054.19	707.75	9,361.13	9,275.97	85.16	109.923	
14,000.00	7,001.00	7,293.00	7,110.96	188.23	34.05	91.29	-1,054.19	707.75	9,437.00	9,351.33	85.68	110.143	
14,100.00	7,001.00	7,293.00	7,110.96	189.97	34.05	91.29	-1,054.19	707.75	9,513.32	9,427.12	86.20	110.366	
14,200.00	7,001.00	7,293.00	7,110.96	191.72	34.05	91.29	-1,054.19	707.75	9,590.07	9,503.36	86.72	110.591	
14,300.00	7,001.00	7,293.00	7,110.96	193.50	34.05	91.29	-1,054.19	707.75	9,667.25	9,580.01	87.23	110.819	
14,400.00	7,001.00	7,293.00	7,110.96	195.30	34.05	91.29	-1,054.19	707.75	9,744.84	9,657.09	87.75	111.050	
14,500.00	7,001.00	7,293.00	7,110.96	197.13	34.05	91.29	-1,054.19	707.75	9,822.84	9,734.57	88.27	111.285	
14,600.00	7,001.00	7,293.00	7,110.96	198.98	34.05	91.29	-1,054.19	707.75	9,901.23	9,812.45	88.78	111.523	
14,700.00	7,001.00	7,313.56	7,131.52	200.85	34.10	91.48	-1,054.38	707.47	9,979.97	9,890.54	89.44	111.588	
14,800.00	7,001.00	7,314.31	7,132.26	202.73	34.10	91.49	-1,054.39	707.46	10,059.13	9,969.18	89.95	111.830	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 40-MWVD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	59.21	59.21	0.27	0.12	-176.00	-1,721.87	-120.28	1,726.09	1,725.71	0.38	4,485.499		
200.00	199.98	140.19	140.17	0.62	0.41	-20.80	-1,722.67	-121.26	1,725.55	1,724.52	1.02	1,687.839		
300.00	299.84	233.46	233.37	0.97	0.75	-20.77	-1,724.36	-124.73	1,722.71	1,720.99	1.71	1,005.811		
400.00	399.45	351.47	351.31	1.34	1.17	-20.84	-1,726.02	-127.86	1,716.15	1,713.65	2.50	685.875		
500.00	498.70	497.60	497.21	1.74	1.67	-21.38	-1,726.26	-120.82	1,704.71	1,701.34	3.37	505.994		
600.00	597.47	607.85	606.45	2.17	2.07	-22.21	-1,724.30	-106.23	1,687.56	1,683.42	4.14	407.403		
700.00	695.62	1,185.34	1,158.15	2.62	4.94	-28.74	-1,629.08	17.61	1,648.48	1,641.35	7.13	231.218		
800.00	793.06	1,252.18	1,221.50	3.12	5.29	-29.93	-1,609.34	25.67	1,600.68	1,592.89	7.79	205.454		
900.00	889.64	1,313.58	1,279.79	3.65	5.63	-31.23	-1,591.96	34.05	1,551.65	1,543.18	8.47	183.202		
1,000.00	985.27	1,422.51	1,382.68	4.23	6.27	-33.51	-1,561.28	52.40	1,500.76	1,491.37	9.39	159.824		
1,100.00	1,079.82	1,608.07	1,555.05	4.85	7.46	-37.65	-1,499.33	81.58	1,443.03	1,432.41	10.61	135.958		
1,200.00	1,173.17	1,696.02	1,636.44	5.52	8.01	-40.33	-1,467.10	90.02	1,381.47	1,370.01	11.45	120.636		
1,300.00	1,265.21	1,764.53	1,700.04	6.24	8.43	-42.86	-1,441.95	94.06	1,318.18	1,305.93	12.25	107.567		
1,400.00	1,355.84	1,832.92	1,763.84	7.01	8.82	-45.61	-1,417.39	95.74	1,253.87	1,240.78	13.08	95.829		
1,500.00	1,444.94	1,902.10	1,828.43	7.83	9.22	-48.72	-1,392.63	96.45	1,188.40	1,174.44	13.97	85.089		
1,600.00	1,532.39	1,964.07	1,886.38	8.70	9.57	-52.00	-1,370.68	96.38	1,122.30	1,107.39	14.91	75.273		
1,700.00	1,618.11	2,020.64	1,939.43	9.62	9.89	-55.45	-1,351.06	95.76	1,056.13	1,040.19	15.94	66.268		
1,800.00	1,701.97	2,073.54	1,989.23	10.59	10.19	-59.10	-1,333.23	94.90	990.57	973.49	17.08	58.007		
1,900.00	1,783.88	2,126.60	2,039.37	11.62	10.48	-63.08	-1,315.92	93.73	926.18	907.83	18.35	50.472		
2,000.00	1,863.74	2,179.07	2,089.15	12.69	10.76	-67.34	-1,299.38	92.14	863.59	843.81	19.78	43.656		
2,100.00	1,941.45	2,230.24	2,137.82	13.81	11.04	-71.80	-1,283.72	90.40	803.66	782.26	21.40	37.555		
2,200.00	2,016.92	2,280.00	2,185.30	14.98	11.30	-76.42	-1,268.91	88.67	747.56	724.34	23.22	32.189		
2,300.00	2,090.05	2,327.28	2,230.54	16.19	11.55	-81.00	-1,255.27	87.00	696.81	671.56	25.26	27.589		
2,400.00	2,160.76	2,374.39	2,275.74	17.45	11.79	-85.63	-1,242.11	85.30	653.20	625.75	27.45	23.797		
2,500.00	2,228.95	2,421.42	2,320.94	18.76	12.03	-90.24	-1,229.22	83.57	618.67	588.97	29.70	20.829		
2,600.00	2,294.55	2,466.27	2,364.08	20.11	12.26	-94.57	-1,217.08	81.90	595.41	563.56	31.85	18.692		
2,700.00	2,357.48	2,508.57	2,404.80	21.50	12.48	-98.50	-1,205.74	80.31	585.44	551.75	33.69	17.378		
2,719.08	2,369.18	2,516.34	2,412.28	21.78	12.52	-99.20	-1,203.66	80.02	585.17	551.18	33.99	17.216 CC, ES		
2,800.00	2,417.66	2,547.92	2,442.70	22.94	12.68	-101.94	-1,195.28	78.84	590.06	555.04	35.02	16.850 SF		
2,900.00	2,475.05	2,583.68	2,477.18	24.41	12.86	-104.86	-1,185.86	77.53	609.54	573.78	35.76	17.046		
3,000.00	2,531.40	2,618.30	2,510.58	25.89	13.04	-107.97	-1,176.84	76.34	642.43	606.47	35.96	17.865		
3,100.00	2,587.75	2,652.79	2,543.89	27.39	13.22	-111.01	-1,167.94	75.23	686.59	650.81	35.78	19.190		
3,200.00	2,644.11	2,685.91	2,575.83	28.89	13.39	-113.87	-1,159.26	74.24	740.03	704.67	35.36	20.929		
3,300.00	2,700.46	2,717.75	2,606.50	30.39	13.56	-116.55	-1,150.74	73.37	800.99	766.17	34.83	22.998		
3,400.00	2,756.81	2,749.53	2,637.06	31.89	13.73	-119.15	-1,142.08	72.58	867.94	833.67	34.28	25.323		
3,500.00	2,813.17	2,781.49	2,667.78	33.40	13.90	-121.69	-1,133.25	71.83	939.61	905.86	33.75	27.841		
3,600.00	2,869.52	2,813.75	2,698.76	34.91	14.07	-124.15	-1,124.29	71.12	1,014.99	981.72	33.28	30.500		
3,700.00	2,925.87	2,846.95	2,730.63	36.42	14.26	-126.58	-1,115.03	70.42	1,093.32	1,060.44	32.88	33.253		
3,800.00	2,982.22	2,883.81	2,766.05	37.93	14.46	-129.16	-1,104.83	69.65	1,173.92	1,141.35	32.57	36.041		
3,900.00	3,038.58	2,921.25	2,802.04	39.45	14.66	-131.63	-1,094.59	68.86	1,256.30	1,223.97	32.34	38.849		
4,000.00	3,094.93	2,956.36	2,835.84	40.96	14.85	-133.82	-1,085.09	68.15	1,340.15	1,308.00	32.15	41.685		
4,100.00	3,151.28	2,991.58	2,869.77	42.48	15.04	-135.90	-1,075.67	67.53	1,425.21	1,393.20	32.02	44.512		
4,200.00	3,207.63	3,026.45	2,903.39	44.00	15.23	-137.85	-1,066.43	66.99	1,511.30	1,479.36	31.94	47.323		
4,300.00	3,263.99	3,060.38	2,936.11	45.52	15.41	-139.63	-1,057.44	66.48	1,598.25	1,566.36	31.89	50.119		
4,400.00	3,320.34	3,093.21	2,967.75	47.04	15.59	-141.28	-1,048.69	65.98	1,685.96	1,654.09	31.87	52.901		
4,500.00	3,376.69	3,124.54	2,997.92	48.56	15.76	-142.76	-1,040.29	65.51	1,774.33	1,742.46	31.87	55.671		
4,600.00	3,433.05	3,152.10	3,024.46	50.08	15.91	-144.01	-1,032.85	65.17	1,863.34	1,831.47	31.87	58.464		
4,700.00	3,489.40	3,179.25	3,050.59	51.61	16.06	-145.19	-1,025.48	64.94	1,952.93	1,921.04	31.89	61.232		
4,800.00	3,545.75	3,211.99	3,082.08	53.13	16.24	-146.53	-1,016.54	64.78	2,043.03	2,011.04	31.99	63.865		
4,900.00	3,602.10	3,274.78	3,142.61	54.65	16.59	-148.91	-999.85	64.34	2,133.25	2,100.87	32.38	65.880		
5,000.00	3,658.46	3,320.23	3,186.54	56.18	16.83	-150.48	-988.19	63.84	2,223.39	2,190.75	32.64	68.123		
5,100.00	3,714.81	3,349.03	3,214.38	57.70	16.98	-151.42	-980.82	63.54	2,313.79	2,281.03	32.76	70.626		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 40-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	3,377.70	3,242.08	59.23	17.14	-152.32	-973.42	63.29	2,404.52	2,371.63	32.90	73.089		
5,300.00	3,827.51	3,406.85	3,270.22	60.75	17.30	-153.19	-965.83	63.08	2,495.56	2,462.51	33.05	75.499		
5,400.00	3,883.87	3,440.00	3,302.20	62.28	17.48	-154.13	-957.12	62.84	2,586.85	2,553.59	33.26	77.777		
5,500.00	3,940.22	3,469.62	3,330.77	63.80	17.64	-154.94	-949.28	62.60	2,678.34	2,644.90	33.44	80.085		
5,600.00	3,996.57	3,503.64	3,363.55	65.33	17.83	-155.83	-940.21	62.28	2,770.03	2,736.35	33.68	82.246		
5,700.00	4,052.93	3,539.84	3,398.43	66.86	18.03	-156.73	-930.55	61.90	2,861.84	2,827.89	33.95	84.303		
5,800.00	4,109.28	3,577.50	3,434.73	68.39	18.23	-157.62	-920.50	61.46	2,953.75	2,919.51	34.24	86.270		
5,900.00	4,165.63	3,617.43	3,473.23	69.91	18.45	-158.52	-909.92	61.02	3,045.73	3,011.17	34.56	88.126		
6,000.00	4,221.98	3,658.60	3,512.97	71.44	18.68	-159.38	-899.18	60.69	3,137.74	3,102.84	34.91	89.891		
6,100.00	4,278.34	3,696.57	3,549.67	72.97	18.88	-160.13	-889.42	60.51	3,229.79	3,194.56	35.23	91.680		
6,200.00	4,334.69	3,731.55	3,583.49	74.50	19.07	-160.77	-880.53	60.50	3,321.92	3,286.39	35.53	93.495		
6,300.00	4,391.04	3,760.00	3,611.03	76.03	19.22	-161.27	-873.36	60.61	3,414.13	3,378.36	35.77	95.435		
6,400.00	4,447.40	3,790.02	3,640.08	77.55	19.39	-161.78	-865.80	60.84	3,506.48	3,470.44	36.04	97.293		
6,500.00	4,503.75	3,813.88	3,663.16	79.08	19.52	-162.16	-859.74	61.09	3,598.99	3,562.74	36.25	99.282		
6,600.00	4,560.10	3,840.00	3,688.40	80.61	19.66	-162.57	-853.05	61.42	3,691.68	3,655.19	36.49	101.176		
6,700.00	4,616.45	3,855.08	3,702.96	82.14	19.74	-162.80	-849.13	61.64	3,784.54	3,747.92	36.62	103.351		
6,800.00	4,672.81	3,880.00	3,726.99	83.67	19.88	-163.17	-842.54	62.04	3,877.62	3,840.77	36.85	105.219		
6,900.00	4,729.16	3,880.00	3,726.99	85.20	19.88	-163.17	-842.54	62.04	3,970.89	3,934.05	36.84	107.793		
7,000.00	4,785.51	3,899.87	3,746.11	86.73	20.00	-163.47	-837.13	62.37	4,064.34	4,027.31	37.03	109.758		
7,100.00	4,841.86	3,920.00	3,765.42	88.26	20.11	-163.76	-831.48	62.71	4,158.04	4,120.81	37.23	111.693		
7,200.00	4,898.22	3,920.00	3,765.42	89.79	20.11	-163.76	-831.48	62.71	4,251.90	4,214.68	37.22	114.227		
7,300.00	4,954.57	3,936.77	3,781.48	91.32	20.21	-164.00	-826.64	62.99	4,345.95	4,308.56	37.39	116.219		
7,400.00	5,010.92	3,960.00	3,803.66	92.85	20.35	-164.32	-819.75	63.39	4,440.22	4,402.59	37.63	117.982		
7,500.00	5,067.28	3,960.00	3,803.66	94.38	20.35	-164.32	-819.75	63.39	4,534.58	4,496.94	37.64	120.469		
7,600.00	5,123.63	3,979.09	3,821.85	95.91	20.46	-164.59	-813.97	63.70	4,629.11	4,591.26	37.85	122.314		
7,700.00	5,179.98	4,000.00	3,841.75	97.44	20.59	-164.87	-807.56	64.03	4,723.75	4,685.68	38.07	124.071		
7,800.00	5,236.33	4,014.85	3,855.87	98.97	20.68	-165.07	-802.97	64.25	4,818.49	4,780.25	38.24	126.003		
7,900.00	5,292.69	4,040.00	3,879.75	100.50	20.84	-165.40	-795.09	64.59	4,913.35	4,874.83	38.52	127.562		
8,000.00	5,349.04	4,050.54	3,889.75	102.03	20.90	-165.54	-791.75	64.73	5,008.28	4,969.64	38.65	129.588		
8,100.00	5,405.39	4,069.49	3,907.71	103.56	21.02	-165.79	-785.72	64.95	5,103.31	5,064.45	38.87	131.303		
8,200.00	5,461.74	4,088.46	3,925.68	105.09	21.14	-166.03	-779.62	65.14	5,198.42	5,159.33	39.09	132.990		
8,300.00	5,518.10	4,107.57	3,943.75	106.62	21.26	-166.27	-773.42	65.31	5,293.61	5,254.29	39.32	134.645		
8,400.00	5,574.45	4,131.66	3,966.52	108.15	21.41	-166.56	-765.55	65.48	5,388.86	5,349.27	39.60	136.099		
8,500.00	5,630.80	4,351.37	4,175.17	109.68	22.76	-168.96	-696.77	64.97	5,483.68	5,441.80	41.88	130.950		
8,600.00	5,687.16	4,377.18	4,199.85	111.21	22.91	-169.20	-689.22	65.01	5,577.94	5,535.76	42.18	132.247		
8,700.00	5,743.51	4,400.86	4,222.50	112.75	23.05	-169.41	-682.32	65.17	5,672.26	5,629.80	42.46	133.586		
8,800.00	5,799.86	4,431.60	4,251.91	114.28	23.23	-169.67	-673.38	65.49	5,766.62	5,723.80	42.82	134.673		
8,900.00	5,856.21	4,476.74	4,295.11	115.81	23.50	-170.04	-660.32	66.01	5,860.98	5,817.65	43.33	135.270		
9,000.00	5,912.57	4,525.50	4,341.81	117.34	23.79	-170.42	-646.30	66.42	5,955.25	5,911.38	43.88	135.730		
9,100.00	5,968.92	6,121.19	5,908.12	118.87	30.55	-176.65	-392.61	36.88	6,047.02	5,987.74	59.28	102.015		
9,200.00	6,025.27	6,190.62	5,977.56	120.40	30.72	-176.71	-392.19	36.65	6,129.80	6,069.84	59.96	102.228		
9,300.00	6,081.63	6,276.75	6,063.68	121.93	30.92	-176.78	-391.91	36.17	6,212.40	6,151.61	60.79	102.201		
9,400.00	6,137.98	6,339.91	6,126.84	123.46	31.07	-176.84	-391.90	35.74	6,294.80	6,233.39	61.41	102.499		
9,500.00	6,194.33	6,397.80	6,184.73	125.00	31.21	-176.88	-391.90	35.33	6,377.19	6,315.19	62.00	102.862		
9,600.00	6,250.68	6,480.96	6,267.89	126.53	31.41	-176.95	-392.04	34.62	6,459.46	6,396.67	62.79	102.871		
9,700.00	6,307.04	6,529.95	6,316.88	128.06	31.53	-176.99	-392.18	34.13	6,541.64	6,478.34	63.30	103.340		
9,800.00	6,363.39	6,577.03	6,363.95	129.59	31.64	-177.03	-392.23	33.65	6,623.90	6,560.11	63.80	103.824		
9,900.00	6,419.74	6,623.57	6,410.49	131.12	31.75	-177.06	-392.20	33.17	6,706.25	6,641.96	64.29	104.307		
10,000.00	6,476.09	6,670.29	6,457.20	132.65	31.87	-177.10	-392.10	32.71	6,788.69	6,723.90	64.79	104.778		
10,100.00	6,532.45	6,720.00	6,506.91	134.18	31.99	-177.14	-391.94	32.26	6,871.19	6,805.88	65.32	105.199		
10,200.00	6,588.80	6,769.95	6,556.86	135.72	32.12	-177.17	-391.79	31.90	6,953.75	6,887.90	65.84	105.609		
10,300.00	6,645.15	6,814.89	6,601.80	137.25	32.23	-177.20	-391.66	31.73	7,036.38	6,970.04	66.33	106.078		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 40-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,400.00	6,701.51	6,861.31	6,648.22	138.78	32.35	-177.23	-391.52	31.72	7,119.10	7,052.26	66.83	106.518	
10,500.00	6,757.86	6,914.95	6,701.86	140.31	32.49	-177.26	-391.37	31.82	7,201.87	7,134.47	67.40	106.852	
10,600.00	6,813.28	6,973.50	6,760.41	141.87	32.64	168.34	-391.20	31.92	7,285.18	7,217.17	68.01	107.113	
10,700.00	6,864.12	7,035.34	6,822.25	143.49	32.80	147.52	-391.05	31.95	7,369.47	7,300.81	68.66	107.332	
10,800.00	6,908.67	7,077.53	6,864.44	145.14	32.91	129.07	-390.97	31.93	7,452.48	7,383.35	69.13	107.807	
10,900.00	6,945.58	7,110.97	6,897.88	146.73	32.99	114.40	-390.88	31.91	7,531.95	7,462.44	69.51	108.360	
11,000.00	6,973.71	7,135.48	6,922.40	148.22	33.06	103.54	-390.81	31.89	7,605.71	7,535.90	69.81	108.949	
11,100.00	6,992.22	7,151.56	6,938.47	149.55	33.10	95.90	-390.75	31.88	7,671.82	7,601.76	70.06	109.505	
11,200.00	7,000.54	7,160.00	6,946.91	150.69	33.12	90.88	-390.72	31.88	7,728.54	7,658.25	70.29	109.950	
11,300.00	7,001.00	7,160.00	6,946.91	151.65	33.12	89.80	-390.72	31.88	7,777.50	7,706.97	70.52	110.282	
11,400.00	7,001.00	7,160.00	6,946.91	152.64	33.12	89.80	-390.72	31.88	7,826.90	7,756.08	70.81	110.530	
11,500.00	7,001.00	7,160.00	6,946.91	153.65	33.12	89.80	-390.72	31.88	7,877.25	7,806.10	71.15	110.716	
11,600.00	7,001.00	7,160.00	6,946.91	154.69	33.12	89.80	-390.72	31.88	7,928.55	7,857.02	71.53	110.845	
11,700.00	7,001.00	7,160.00	6,946.91	155.76	33.12	89.80	-390.72	31.88	7,980.77	7,908.82	71.95	110.922	
11,800.00	7,001.00	7,160.00	6,946.91	156.85	33.12	89.80	-390.72	31.88	8,033.90	7,961.49	72.41	110.952	
11,900.00	7,001.00	7,160.00	6,946.91	157.98	33.12	89.80	-390.72	31.88	8,087.92	8,015.01	72.90	110.940	
12,000.00	7,001.00	7,160.00	6,946.91	159.14	33.12	89.80	-390.72	31.88	8,142.80	8,069.37	73.43	110.892	
12,100.00	7,001.00	7,160.00	6,946.91	160.32	33.12	89.80	-390.72	31.88	8,198.54	8,124.55	73.99	110.812	
12,200.00	7,001.00	7,160.00	6,946.91	161.54	33.12	89.80	-390.72	31.88	8,255.11	8,180.54	74.57	110.704	
12,300.00	7,001.00	7,160.00	6,946.91	162.78	33.12	89.80	-390.72	31.88	8,312.50	8,237.33	75.18	110.574	
12,400.00	7,001.00	7,160.00	6,946.91	164.06	33.12	89.80	-390.72	31.88	8,370.69	8,294.89	75.80	110.425	
12,500.00	7,001.00	7,160.00	6,946.91	165.36	33.12	89.80	-390.72	31.88	8,429.67	8,353.22	76.45	110.260	
12,600.00	7,001.00	7,160.00	6,946.91	166.69	33.12	89.80	-390.72	31.88	8,489.42	8,412.30	77.12	110.085	
12,700.00	7,001.00	7,160.00	6,946.91	168.05	33.12	89.80	-390.72	31.88	8,549.91	8,472.12	77.80	109.901	
12,800.00	7,001.00	7,160.00	6,946.91	169.44	33.12	89.80	-390.72	31.88	8,611.15	8,532.66	78.49	109.711	
12,900.00	7,001.00	7,160.00	6,946.91	170.86	33.12	89.80	-390.72	31.88	8,673.10	8,593.91	79.19	109.519	
13,000.00	7,001.00	7,160.00	6,946.91	172.30	33.12	89.80	-390.72	31.88	8,735.76	8,655.85	79.91	109.326	
13,100.00	7,001.00	7,160.00	6,946.91	173.78	33.12	89.80	-390.72	31.88	8,799.11	8,718.48	80.63	109.135	
13,200.00	7,001.00	7,160.00	6,946.91	175.28	33.12	89.80	-390.72	31.88	8,863.13	8,781.78	81.35	108.948	
13,300.00	7,001.00	7,160.00	6,946.91	176.80	33.12	89.80	-390.72	31.88	8,927.82	8,845.73	82.08	108.765	
13,400.00	7,001.00	7,160.00	6,946.91	178.36	33.12	89.80	-390.72	31.88	8,993.15	8,910.33	82.82	108.588	
13,500.00	7,001.00	7,160.00	6,946.91	179.94	33.12	89.80	-390.72	31.88	9,059.12	8,975.56	83.56	108.419	
13,600.00	7,001.00	7,160.00	6,946.91	181.55	33.12	89.80	-390.72	31.88	9,125.70	9,041.41	84.30	108.258	
13,700.00	7,001.00	7,160.00	6,946.91	183.18	33.12	89.80	-390.72	31.88	9,192.89	9,107.86	85.03	108.107	
13,800.00	7,001.00	7,160.00	6,946.91	184.84	33.12	89.80	-390.72	31.88	9,260.67	9,174.90	85.77	107.966	
13,900.00	7,001.00	7,160.00	6,946.91	186.52	33.12	89.80	-390.72	31.88	9,329.03	9,242.52	86.51	107.836	
14,000.00	7,001.00	7,160.00	6,946.91	188.23	33.12	89.80	-390.72	31.88	9,397.96	9,310.72	87.25	107.717	
14,100.00	7,001.00	7,160.00	6,946.91	189.97	33.12	89.80	-390.72	31.88	9,467.45	9,379.47	87.98	107.609	
14,200.00	7,001.00	7,160.00	6,946.91	191.72	33.12	89.80	-390.72	31.88	9,537.47	9,448.76	88.71	107.513	
14,300.00	7,001.00	7,160.00	6,946.91	193.50	33.12	89.80	-390.72	31.88	9,608.03	9,518.59	89.44	107.429	
14,400.00	7,001.00	7,160.00	6,946.91	195.30	33.12	89.80	-390.72	31.88	9,679.10	9,588.94	90.16	107.357	
14,500.00	7,001.00	7,160.00	6,946.91	197.13	33.12	89.80	-390.72	31.88	9,750.68	9,659.81	90.87	107.298	
14,600.00	7,001.00	7,160.00	6,946.91	198.98	33.12	89.80	-390.72	31.88	9,822.76	9,731.18	91.59	107.251	
14,700.00	7,001.00	7,160.00	6,946.91	200.85	33.12	89.80	-390.72	31.88	9,895.33	9,803.03	92.29	107.216	
14,800.00	7,001.00	7,160.00	6,946.91	202.73	33.12	89.80	-390.72	31.88	9,968.37	9,875.37	92.99	107.193	
14,900.00	7,001.00	7,160.00	6,946.91	204.64	33.12	89.80	-390.72	31.88	10,041.87	9,948.18	93.69	107.183	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 440-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	67.18	67.18	0.27	0.12	-176.07	-1,747.25	-120.10	1,751.37	1,750.99	0.39	4,543.472		
200.00	199.98	164.53	164.53	0.62	0.29	-20.91	-1,747.43	-120.11	1,749.92	1,749.02	0.90	1,939.645		
300.00	299.84	261.77	261.77	0.97	0.45	-21.00	-1,747.75	-120.13	1,745.36	1,743.94	1.43	1,223.695		
400.00	399.45	358.81	358.81	1.34	0.62	-21.15	-1,748.21	-120.16	1,737.71	1,735.75	1.96	886.992		
500.00	498.70	455.84	455.83	1.74	0.82	-21.37	-1,748.82	-120.20	1,726.96	1,724.44	2.53	683.173		
600.00	597.47	554.76	554.75	2.17	1.18	-21.67	-1,749.50	-120.31	1,713.07	1,709.81	3.26	525.353		
700.00	695.62	653.47	653.47	2.62	1.53	-22.03	-1,750.16	-120.49	1,695.99	1,691.99	4.00	423.890		
800.00	793.06	757.08	757.07	3.12	1.90	-22.49	-1,750.69	-120.64	1,675.61	1,670.84	4.77	351.521		
900.00	889.64	884.80	884.76	3.65	2.34	-23.23	-1,750.34	-118.11	1,651.36	1,645.75	5.61	294.343		
1,000.00	985.27	1,046.27	1,045.85	4.23	2.89	-24.52	-1,744.82	-108.79	1,620.90	1,614.33	6.58	246.484		
1,100.00	1,079.82	1,205.46	1,203.90	4.85	3.46	-26.27	-1,733.01	-94.17	1,583.94	1,576.38	7.56	209.635		
1,200.00	1,173.17	1,360.60	1,356.63	5.52	4.07	-28.57	-1,715.10	-73.82	1,540.80	1,532.25	8.56	180.063		
1,300.00	1,265.21	1,505.55	1,497.68	6.24	4.71	-31.39	-1,691.68	-50.09	1,491.30	1,481.73	9.57	155.782		
1,400.00	1,355.84	1,601.08	1,589.74	7.01	5.17	-33.93	-1,673.79	-31.94	1,438.07	1,427.59	10.48	137.200		
1,500.00	1,444.94	1,686.29	1,671.10	7.83	5.61	-36.72	-1,656.97	-13.06	1,382.72	1,371.29	11.43	120.945		
1,600.00	1,532.39	1,788.54	1,767.87	8.70	6.18	-40.50	-1,634.86	11.50	1,325.06	1,312.52	12.54	105.678		
1,700.00	1,618.11	1,866.87	1,841.31	9.62	6.65	-44.11	-1,616.43	31.56	1,265.72	1,252.06	13.66	92.669		
1,800.00	1,701.97	1,926.86	1,897.22	10.59	7.02	-47.47	-1,601.92	47.75	1,206.13	1,191.31	14.82	81.384		
1,900.00	1,783.88	1,979.70	1,946.36	11.62	7.36	-50.82	-1,589.17	62.40	1,147.30	1,131.22	16.08	71.360		
2,000.00	1,863.74	2,028.36	1,991.73	12.69	7.67	-54.20	-1,577.72	75.74	1,090.01	1,072.57	17.45	62.469		
2,100.00	1,941.45	2,083.99	2,043.69	13.81	8.03	-58.11	-1,564.77	90.83	1,034.80	1,015.80	19.01	54.443		
2,200.00	2,016.92	2,140.90	2,096.64	14.98	8.41	-62.32	-1,551.01	106.51	982.09	961.34	20.75	47.331		
2,300.00	2,090.05	2,190.18	2,142.23	16.19	8.74	-66.25	-1,538.56	120.46	933.02	910.39	22.63	41.237		
2,400.00	2,160.76	2,232.92	2,181.54	17.45	9.04	-69.85	-1,527.35	132.94	889.04	864.42	24.62	36.111		
2,500.00	2,228.95	2,271.37	2,216.76	18.76	9.32	-73.14	-1,517.01	144.35	851.64	824.95	26.69	31.906		
2,600.00	2,294.55	2,306.04	2,248.51	20.11	9.57	-76.07	-1,507.56	154.61	822.23	793.47	28.77	28.584		
2,700.00	2,357.48	2,334.80	2,274.84	21.50	9.78	-78.45	-1,499.66	163.09	802.22	771.50	30.72	26.118		
2,800.00	2,417.66	2,359.06	2,297.05	22.94	9.96	-80.33	-1,493.06	170.24	792.79	760.35	32.44	24.439		
2,833.95	2,437.48	2,366.45	2,303.83	23.43	10.01	-80.86	-1,491.06	172.42	792.14	759.18	32.96	24.033 CC, ES		
2,900.00	2,475.05	2,379.88	2,316.14	24.41	10.11	-81.78	-1,487.45	176.38	794.65	760.81	33.85	23.477		
3,000.00	2,531.40	2,400.11	2,334.70	25.89	10.26	-83.21	-1,482.07	182.36	808.24	773.35	34.89	23.165 SF		
3,100.00	2,587.75	2,421.91	2,354.72	27.39	10.41	-84.75	-1,476.32	188.81	833.13	797.56	35.57	23.419		
3,200.00	2,644.11	2,444.05	2,375.05	28.89	10.58	-86.30	-1,470.49	195.35	868.34	832.41	35.93	24.166		
3,300.00	2,700.46	2,466.83	2,395.95	30.39	10.74	-87.89	-1,464.41	202.06	912.66	876.62	36.04	25.325		
3,400.00	2,756.81	2,488.66	2,415.96	31.89	10.90	-89.40	-1,458.46	208.46	964.84	928.90	35.94	26.843		
3,500.00	2,813.17	2,509.58	2,435.11	33.40	11.06	-90.85	-1,452.66	214.56	1,023.72	988.00	35.72	28.660		
3,600.00	2,869.52	2,528.91	2,452.79	34.91	11.20	-92.17	-1,447.22	220.19	1,088.24	1,052.83	35.41	30.734		
3,700.00	2,925.87	2,547.37	2,469.66	36.42	11.34	-93.42	-1,442.06	225.60	1,157.48	1,122.42	35.06	33.014		
3,800.00	2,982.22	2,566.03	2,486.72	37.93	11.48	-94.68	-1,436.91	231.12	1,230.65	1,195.93	34.72	35.448		
3,900.00	3,038.58	2,584.85	2,503.93	39.45	11.62	-95.93	-1,431.76	236.75	1,307.08	1,272.69	34.39	38.005		
4,000.00	3,094.93	2,600.00	2,517.78	40.96	11.74	-96.92	-1,427.66	241.31	1,386.24	1,352.19	34.05	40.713		
4,100.00	3,151.28	2,618.67	2,534.84	42.48	11.88	-98.13	-1,422.62	247.00	1,467.69	1,433.91	33.78	43.446		
4,200.00	3,207.63	2,633.79	2,548.62	44.00	11.99	-99.10	-1,418.53	251.66	1,551.13	1,517.62	33.50	46.298		
4,300.00	3,263.99	2,647.67	2,561.27	45.52	12.10	-99.98	-1,414.76	255.99	1,636.23	1,602.99	33.24	49.121		
4,400.00	3,320.34	2,660.50	2,572.93	47.04	12.20	-100.78	-1,411.25	260.03	1,722.79	1,689.79	33.00	52.203		
4,500.00	3,376.69	2,680.00	2,590.61	48.56	12.35	-101.98	-1,405.88	266.25	1,810.61	1,777.74	32.87	55.078		
4,600.00	3,433.05	2,680.00	2,590.61	50.08	12.35	-101.98	-1,405.88	266.25	1,899.49	1,866.95	32.53	58.388		
4,700.00	3,489.40	2,697.70	2,606.61	51.61	12.49	-103.06	-1,400.96	271.98	1,989.30	1,956.86	32.44	61.326		
4,800.00	3,545.75	2,709.79	2,617.53	53.13	12.59	-103.78	-1,397.57	275.93	2,079.94	2,047.64	32.30	64.397		
4,900.00	3,602.10	2,720.00	2,626.73	54.65	12.67	-104.39	-1,394.70	279.28	2,171.30	2,139.14	32.16	67.518		
5,000.00	3,658.46	2,735.40	2,640.60	56.18	12.79	-105.29	-1,390.33	284.36	2,263.29	2,231.18	32.10	70.498		
5,100.00	3,714.81	2,748.67	2,652.54	57.70	12.90	-106.06	-1,386.55	288.76	2,355.83	2,323.78	32.04	73.522		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 440-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	2,760.00	2,662.72	59.23	12.99	-106.70	-1,383.30	292.52	2,448.86	2,416.88	31.97	76.588		
5,300.00	3,827.51	2,774.34	2,675.59	60.75	13.11	-107.51	-1,379.17	297.29	2,542.33	2,510.37	31.96	79.549		
5,400.00	3,883.87	2,786.75	2,686.73	62.28	13.21	-108.20	-1,375.57	301.43	2,636.19	2,604.26	31.94	82.547		
5,500.00	3,940.22	2,800.00	2,698.60	63.80	13.32	-108.93	-1,371.71	305.87	2,730.42	2,698.49	31.94	85.498		
5,600.00	3,996.57	2,812.15	2,709.48	65.33	13.42	-109.58	-1,368.15	309.94	2,824.97	2,793.03	31.94	88.459		
5,700.00	4,052.93	2,825.34	2,721.28	66.86	13.53	-110.29	-1,364.28	314.37	2,919.80	2,887.84	31.96	91.360		
5,800.00	4,109.28	2,840.00	2,734.40	68.39	13.65	-111.06	-1,359.95	319.30	3,014.90	2,982.89	32.01	94.181		
5,900.00	4,165.63	2,851.00	2,744.22	69.91	13.74	-111.63	-1,356.69	323.00	3,110.23	3,078.20	32.03	97.101		
6,000.00	4,221.98	2,863.45	2,755.35	71.44	13.85	-112.27	-1,352.99	327.20	3,205.79	3,173.71	32.08	99.941		
6,100.00	4,278.34	2,880.00	2,770.12	72.97	13.98	-113.10	-1,348.05	332.78	3,301.55	3,269.37	32.18	102.596		
6,200.00	4,334.69	3,036.93	2,911.84	74.50	15.25	-120.28	-1,302.96	382.83	3,396.87	3,362.95	33.92	100.146		
6,300.00	4,391.04	3,066.67	2,938.97	76.03	15.48	-121.51	-1,294.57	391.66	3,492.16	3,457.98	34.18	102.180		
6,400.00	4,447.40	3,087.54	2,958.03	77.55	15.65	-122.35	-1,288.66	397.78	3,587.55	3,553.21	34.34	104.473		
6,500.00	4,503.75	3,100.94	2,970.26	79.08	15.75	-122.87	-1,284.85	401.71	3,683.11	3,648.68	34.43	106.989		
6,600.00	4,560.10	3,120.00	2,987.64	80.61	15.90	-123.61	-1,279.42	407.35	3,778.83	3,744.25	34.58	109.274		
6,700.00	4,616.45	3,120.00	2,987.64	82.14	15.90	-123.61	-1,279.42	407.35	3,874.70	3,840.17	34.53	112.213		
6,800.00	4,672.81	3,139.55	3,005.44	83.67	16.05	-124.35	-1,273.83	413.18	3,970.70	3,935.99	34.70	114.415		
6,900.00	4,729.16	3,151.91	3,016.68	85.20	16.15	-124.80	-1,270.28	416.90	4,066.84	4,032.03	34.80	116.851		
7,000.00	4,785.51	3,164.89	3,028.48	86.73	16.25	-125.27	-1,266.55	420.83	4,163.10	4,128.18	34.92	119.233		
7,100.00	4,841.86	3,179.34	3,041.60	88.26	16.37	-125.79	-1,262.41	425.22	4,259.47	4,224.42	35.05	121.526		
7,200.00	4,898.22	3,193.66	3,054.61	89.79	16.48	-126.29	-1,258.30	429.61	4,355.95	4,320.76	35.19	123.790		
7,300.00	4,954.57	3,209.12	3,068.63	91.32	16.61	-126.81	-1,253.87	434.37	4,452.52	4,417.17	35.34	125.976		
7,400.00	5,010.92	3,225.52	3,083.50	92.85	16.74	-127.36	-1,249.19	439.46	4,549.16	4,513.65	35.52	128.087		
7,500.00	5,067.28	3,423.10	3,263.99	94.38	18.29	-133.15	-1,195.85	499.53	4,645.82	4,608.07	37.75	123.069		
7,600.00	5,123.63	3,458.84	3,296.92	95.91	18.56	-134.04	-1,187.11	510.33	4,741.75	4,703.60	38.15	124.280		
7,700.00	5,179.98	3,484.41	3,320.48	97.44	18.76	-134.65	-1,180.96	518.14	4,837.71	4,799.26	38.45	125.831		
7,800.00	5,236.33	3,504.77	3,339.23	98.97	18.91	-135.12	-1,176.10	524.41	4,933.72	4,895.04	38.68	127.545		
7,900.00	5,292.69	3,526.25	3,359.00	100.50	19.08	-135.60	-1,170.99	531.05	5,029.80	4,990.86	38.94	129.183		
8,000.00	5,349.04	3,551.25	3,382.02	102.03	19.27	-136.15	-1,165.07	538.83	5,125.91	5,086.68	39.23	130.650		
8,100.00	5,405.39	3,625.49	3,450.47	103.56	19.83	-137.68	-1,147.78	561.76	5,221.99	5,181.88	40.11	130.193		
8,200.00	5,461.74	3,685.68	3,506.18	105.09	20.29	-138.83	-1,134.14	580.05	5,317.85	5,277.03	40.82	130.269		
8,300.00	5,518.10	3,838.32	3,648.05	106.62	21.41	-141.37	-1,102.46	626.58	5,413.38	5,370.75	42.63	126.975		
8,400.00	5,574.45	3,840.00	3,649.61	108.15	21.42	-141.39	-1,102.15	627.10	5,508.69	5,466.02	42.67	129.099		
8,500.00	5,630.80	3,854.75	3,663.32	109.68	21.53	-141.61	-1,099.38	631.79	5,604.09	5,561.22	42.87	130.727		
8,600.00	5,687.16	3,862.03	3,670.07	111.21	21.58	-141.71	-1,098.01	634.15	5,699.63	5,656.65	42.98	132.611		
8,700.00	5,743.51	3,880.00	3,686.67	112.75	21.72	-141.96	-1,094.63	640.13	5,795.32	5,752.09	43.23	134.073		
8,800.00	5,799.86	3,880.00	3,686.67	114.28	21.72	-141.96	-1,094.63	640.13	5,891.05	5,847.80	43.25	136.199		
8,900.00	5,856.21	3,880.00	3,686.67	115.81	21.72	-141.96	-1,094.63	640.13	5,986.93	5,943.65	43.28	138.317		
9,000.00	5,912.57	3,880.00	3,686.67	117.34	21.72	-141.96	-1,094.63	640.13	6,082.94	6,039.62	43.32	140.425		
9,100.00	5,968.92	3,896.33	3,701.69	118.87	21.84	-142.17	-1,091.55	645.75	6,178.99	6,135.43	43.56	141.856		
9,200.00	6,025.27	3,902.79	3,707.61	120.40	21.89	-142.26	-1,090.32	648.02	6,275.16	6,231.48	43.68	143.668		
9,300.00	6,081.63	3,920.00	3,723.34	121.93	22.03	-142.47	-1,087.06	654.21	6,371.47	6,327.53	43.94	145.017		
9,400.00	6,137.98	3,920.00	3,723.34	123.46	22.03	-142.47	-1,087.06	654.21	6,467.80	6,423.82	43.98	147.059		
9,500.00	6,194.33	3,920.00	3,723.34	125.00	22.03	-142.47	-1,087.06	654.21	6,564.23	6,520.20	44.03	149.091		
9,600.00	6,250.68	3,920.00	3,723.34	126.53	22.03	-142.47	-1,087.06	654.21	6,660.78	6,616.70	44.08	151.110		
9,700.00	6,307.04	3,920.00	3,723.34	128.06	22.03	-142.47	-1,087.06	654.21	6,757.42	6,713.29	44.13	153.117		
9,800.00	6,363.39	3,920.00	3,723.34	129.59	22.03	-142.47	-1,087.06	654.21	6,854.16	6,809.97	44.19	155.112		
9,900.00	6,419.74	3,938.70	3,740.33	131.12	22.18	-142.70	-1,083.43	661.11	6,950.85	6,906.37	44.48	156.258		
10,000.00	6,476.09	3,942.86	3,744.10	132.65	22.22	-142.75	-1,082.61	662.67	7,047.70	7,003.11	44.60	158.031		
10,100.00	6,532.45	3,960.00	3,759.57	134.18	22.36	-142.95	-1,079.14	669.18	7,144.70	7,099.82	44.88	159.206		
10,200.00	6,588.80	3,960.00	3,759.57	135.72	22.36	-142.95	-1,079.14	669.18	7,241.66	7,196.71	44.94	161.128		
10,300.00	6,645.15	3,960.00	3,759.57	137.25	22.36	-142.95	-1,079.14	669.18	7,338.70	7,293.69	45.01	163.036		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 440-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	6,701.51	3,960.00	3,759.57	138.78	22.36	-142.95	-1,079.14	669.18	7,435.82	7,390.74	45.08	164.930	
10,500.00	6,757.86	3,960.00	3,759.57	140.31	22.36	-142.95	-1,079.14	669.18	7,533.02	7,487.86	45.16	166.809	
10,600.00	6,813.28	3,960.00	3,759.57	141.87	22.36	-174.64	-1,079.14	669.18	7,630.86	7,585.62	45.24	168.668	
10,700.00	6,864.12	3,960.00	3,759.57	143.49	22.36	118.35	-1,079.14	669.18	7,729.69	7,684.37	45.32	170.540	
10,800.00	6,908.67	3,960.00	3,759.57	145.14	22.36	88.17	-1,079.14	669.18	7,826.70	7,781.32	45.38	172.458	
10,900.00	6,945.58	3,960.00	3,759.57	146.73	22.36	75.52	-1,079.14	669.18	7,919.05	7,873.64	45.41	174.400	
11,000.00	6,973.71	3,960.00	3,759.57	148.22	22.36	68.71	-1,079.14	669.18	8,004.15	7,958.74	45.41	176.282	
11,100.00	6,992.22	3,960.00	3,759.57	149.55	22.36	64.74	-1,079.14	669.18	8,079.67	8,034.27	45.40	177.959	
11,200.00	7,000.54	3,960.00	3,759.57	150.69	22.36	62.59	-1,079.14	669.18	8,143.63	8,098.19	45.43	179.240	
11,300.00	7,001.00	3,960.00	3,759.57	151.65	22.36	62.23	-1,079.14	669.18	8,198.02	8,152.48	45.54	180.019	
11,400.00	7,001.00	3,943.00	3,744.23	152.64	22.22	62.10	-1,082.58	662.72	8,252.53	8,207.01	45.52	181.311	
11,500.00	7,001.00	3,937.22	3,738.99	153.65	22.17	62.06	-1,083.73	660.56	8,307.90	8,262.22	45.68	181.871	
11,600.00	7,001.00	3,920.00	3,723.34	154.69	22.03	61.93	-1,087.06	654.21	8,364.13	8,318.36	45.77	182.747	
11,700.00	7,001.00	3,920.00	3,723.34	155.76	22.03	61.93	-1,087.06	654.21	8,421.05	8,374.95	46.10	182.668	
11,800.00	7,001.00	3,920.00	3,723.34	156.85	22.03	61.93	-1,087.06	654.21	8,478.78	8,432.30	46.48	182.436	
11,900.00	7,001.00	3,920.00	3,723.34	157.98	22.03	61.93	-1,087.06	654.21	8,537.28	8,490.39	46.89	182.070	
12,000.00	7,001.00	3,920.00	3,723.34	159.14	22.03	61.93	-1,087.06	654.21	8,596.55	8,549.21	47.34	181.589	
12,100.00	7,001.00	3,900.35	3,705.38	160.32	21.88	61.78	-1,090.78	647.16	8,656.45	8,608.83	47.62	181.767	
12,200.00	7,001.00	3,880.00	3,686.67	161.54	21.72	61.63	-1,094.63	640.13	8,717.17	8,669.23	47.94	181.843	
12,300.00	7,001.00	3,880.00	3,686.67	162.78	21.72	61.63	-1,094.63	640.13	8,778.48	8,730.00	48.48	181.063	
12,400.00	7,001.00	3,880.00	3,686.67	164.06	21.72	61.63	-1,094.63	640.13	8,840.50	8,791.45	49.05	180.230	
12,500.00	7,001.00	3,880.00	3,686.67	165.36	21.72	61.63	-1,094.63	640.13	8,903.21	8,853.57	49.64	179.356	
12,600.00	7,001.00	3,880.00	3,686.67	166.69	21.72	61.63	-1,094.63	640.13	8,966.60	8,916.35	50.25	178.454	
12,700.00	7,001.00	3,880.00	3,686.67	168.05	21.72	61.63	-1,094.63	640.13	9,030.65	8,979.78	50.87	177.532	
12,800.00	7,001.00	3,858.69	3,666.98	169.44	21.56	61.47	-1,098.64	633.06	9,095.20	9,043.88	51.31	177.244	
12,900.00	7,001.00	3,840.00	3,649.61	170.86	21.42	61.33	-1,102.15	627.10	9,160.50	9,108.70	51.80	176.836	
13,000.00	7,001.00	3,840.00	3,649.61	172.30	21.42	61.33	-1,102.15	627.10	9,226.32	9,173.85	52.46	175.864	
13,100.00	7,001.00	3,840.00	3,649.61	173.78	21.42	61.33	-1,102.15	627.10	9,292.74	9,239.61	53.13	174.904	
13,200.00	7,001.00	3,504.48	3,338.97	175.28	18.91	58.81	-1,176.17	524.32	9,358.72	9,307.56	51.16	182.927	
13,300.00	7,001.00	3,160.00	3,024.04	176.80	16.22	56.26	-1,267.96	419.34	9,424.29	9,374.92	49.37	190.890	
13,400.00	7,001.00	3,160.00	3,024.04	178.36	16.22	56.26	-1,267.96	419.34	9,490.30	9,440.20	50.11	189.400	
13,500.00	7,001.00	3,140.70	3,006.49	179.94	16.06	56.11	-1,273.50	413.53	9,556.86	9,506.15	50.71	188.452	
13,600.00	7,001.00	3,120.00	2,987.64	181.55	15.90	55.96	-1,279.42	407.35	9,623.97	9,572.66	51.31	187.568	
13,700.00	7,001.00	2,783.04	2,683.40	183.18	13.18	53.52	-1,376.65	300.19	9,690.56	9,640.71	49.84	194.419	
13,800.00	7,001.00	2,760.00	2,662.72	184.84	12.99	53.36	-1,383.30	292.52	9,757.64	9,707.19	50.45	193.425	
13,900.00	7,001.00	2,760.00	2,662.72	186.52	12.99	53.36	-1,383.30	292.52	9,825.21	9,774.02	51.19	191.930	
14,000.00	7,001.00	2,742.46	2,646.95	188.23	12.85	53.24	-1,388.32	286.70	9,893.29	9,841.47	51.82	190.905	
14,100.00	7,001.00	2,720.00	2,626.73	189.97	12.67	53.08	-1,394.70	279.28	9,961.88	9,909.46	52.42	190.038	
14,200.00	7,001.00	2,720.00	2,626.73	191.72	12.67	53.08	-1,394.70	279.28	10,030.94	9,977.79	53.15	188.728	

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 93-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
100.00	100.00	99.24	99.24	0.27	0.15	-178.09	-2,128.76	-71.05	2,130.12	2,129.70	0.42	5,097.917	
200.00	199.98	180.00	179.99	0.62	0.45	-22.94	-2,127.96	-70.65	2,127.54	2,126.47	1.07	1,992.703	
300.00	299.84	270.00	269.99	0.97	0.77	-23.04	-2,127.68	-70.23	2,122.41	2,120.67	1.74	1,219.943	
400.00	399.45	362.00	361.99	1.34	1.09	-23.21	-2,127.93	-69.46	2,114.64	2,112.21	2.43	871.158	
500.00	498.70	453.00	452.98	1.74	1.41	-23.42	-2,128.55	-68.94	2,104.10	2,100.98	3.12	675.367	
600.00	597.47	550.22	550.20	2.17	1.75	-23.71	-2,129.51	-68.62	2,090.70	2,086.86	3.83	545.282	
700.00	695.62	649.13	649.09	2.62	2.10	-24.09	-2,130.45	-67.54	2,074.11	2,069.54	4.57	453.402	
800.00	793.06	764.81	764.74	3.12	2.51	-24.65	-2,130.95	-64.65	2,053.90	2,048.52	5.39	381.095	
900.00	889.64	854.02	853.84	3.65	2.84	-25.25	-2,130.96	-60.45	2,030.29	2,024.17	6.12	331.647	
1,000.00	985.27	923.00	922.75	4.23	3.09	-25.83	-2,131.77	-57.29	2,004.79	1,997.99	6.80	294.941	
1,100.00	1,079.82	1,002.90	1,002.49	4.85	3.38	-26.56	-2,133.49	-52.68	1,977.38	1,969.85	7.53	262.485	
1,200.00	1,173.17	1,080.91	1,080.18	5.52	3.67	-27.43	-2,135.64	-45.92	1,947.81	1,939.52	8.29	234.987	
1,300.00	1,265.21	1,161.75	1,160.48	6.24	3.98	-28.47	-2,138.37	-36.98	1,916.26	1,907.17	9.09	210.878	
1,400.00	1,355.84	1,242.94	1,240.82	7.01	4.30	-29.70	-2,141.35	-25.72	1,882.63	1,872.70	9.93	189.680	
1,500.00	1,444.84	1,318.43	1,315.23	7.83	4.61	-31.03	-2,144.34	-13.39	1,847.15	1,836.36	10.79	171.269	
1,600.00	1,532.39	1,391.00	1,386.52	8.70	4.91	-32.48	-2,147.73	-0.23	1,810.34	1,798.66	11.68	154.966	
1,700.00	1,618.11	1,464.02	1,458.08	9.62	5.23	-34.09	-2,151.48	13.83	1,772.21	1,759.58	12.64	140.234	
1,800.00	1,701.97	1,557.36	1,549.43	10.59	5.65	-36.23	-2,156.00	32.44	1,732.36	1,718.62	13.74	126.048	
1,900.00	1,783.88	1,667.53	1,657.22	11.62	6.15	-38.95	-2,159.71	54.94	1,690.11	1,675.11	15.00	112.698	
2,000.00	1,863.74	1,750.08	1,738.05	12.69	6.53	-41.36	-2,161.43	71.55	1,645.80	1,629.61	16.20	101.623	
2,100.00	1,941.45	1,824.74	1,811.19	13.81	6.88	-43.79	-2,162.75	86.47	1,600.53	1,583.09	17.44	91.784	
2,200.00	2,016.92	1,888.86	1,873.86	14.98	7.18	-46.17	-2,163.71	100.00	1,554.87	1,536.15	18.72	83.062	
2,300.00	2,090.05	1,946.46	1,930.27	16.19	7.46	-48.50	-2,165.07	111.61	1,509.57	1,489.51	20.06	75.261	
2,400.00	2,160.76	2,022.23	2,004.57	17.45	7.81	-51.51	-2,167.07	126.32	1,464.60	1,443.01	21.58	67.856	
2,500.00	2,228.95	2,095.70	2,076.66	18.76	8.16	-54.65	-2,168.43	140.41	1,419.83	1,396.62	23.21	61.183	
2,600.00	2,294.55	2,160.15	2,140.06	20.11	8.45	-57.65	-2,169.50	151.94	1,375.85	1,350.96	24.89	55.270	
2,700.00	2,357.48	2,206.39	2,185.56	21.50	8.67	-60.10	-2,170.51	160.15	1,333.83	1,307.24	26.60	50.151	
2,800.00	2,417.66	2,256.96	2,235.28	22.94	8.90	-62.77	-2,171.98	169.26	1,294.51	1,266.08	28.43	45.529	
2,900.00	2,475.05	2,315.82	2,293.20	24.41	9.17	-65.72	-2,173.73	179.55	1,257.99	1,227.56	30.42	41.351	
3,000.00	2,531.40	2,365.90	2,342.53	25.89	9.40	-67.76	-2,175.24	188.06	1,225.67	1,193.24	32.43	37.796	
3,100.00	2,587.75	2,414.14	2,390.03	27.39	9.62	-69.75	-2,176.84	196.31	1,198.74	1,164.29	34.45	34.794	
3,200.00	2,644.11	2,463.90	2,439.01	28.89	9.85	-71.83	-2,178.59	204.91	1,177.54	1,141.05	36.49	32.273	
3,300.00	2,700.46	2,513.63	2,487.94	30.39	10.09	-73.93	-2,180.31	213.64	1,162.34	1,123.85	38.49	30.200	
3,400.00	2,756.81	2,562.41	2,535.92	31.89	10.31	-75.99	-2,182.20	222.21	1,153.41	1,112.99	40.41	28.540	
3,490.95	2,808.07	2,609.00	2,581.76	33.26	10.53	-77.96	-2,184.43	230.25	1,150.82	1,108.72	42.10	27.338 CC	
3,500.00	2,813.17	2,612.89	2,585.59	33.40	10.55	-78.12	-2,184.63	230.92	1,150.85	1,108.60	42.25	27.238 ES	
3,600.00	2,869.52	2,667.06	2,638.89	34.91	10.80	-80.40	-2,187.52	240.13	1,154.53	1,110.53	44.00	26.239	
3,700.00	2,925.87	2,716.95	2,687.98	36.42	11.03	-82.49	-2,190.26	248.57	1,164.34	1,118.77	45.57	25.549	
3,800.00	2,982.22	2,756.94	2,727.27	37.93	11.22	-84.16	-2,192.34	255.74	1,180.59	1,133.70	46.89	25.176	
3,900.00	3,038.58	2,797.00	2,766.53	39.45	11.42	-85.83	-2,194.24	263.47	1,203.23	1,155.18	48.04	25.044	
4,000.00	3,094.93	2,872.90	2,840.99	40.96	11.78	-88.96	-2,197.31	277.87	1,231.17	1,181.75	49.42	24.912 SF	
4,100.00	3,151.28	2,931.67	2,898.80	42.48	12.06	-91.35	-2,199.43	288.19	1,263.52	1,213.04	50.47	25.033	
4,200.00	3,207.63	2,986.27	2,952.53	44.00	12.31	-93.51	-2,201.90	297.63	1,300.56	1,249.20	51.36	25.322	
4,300.00	3,263.99	3,042.64	3,007.99	45.52	12.57	-95.68	-2,204.82	307.24	1,341.84	1,289.68	52.16	25.726	
4,400.00	3,320.34	3,096.84	3,061.34	47.04	12.83	-97.72	-2,207.78	316.38	1,386.93	1,334.09	52.84	26.248	
4,500.00	3,376.69	3,145.01	3,108.76	48.56	13.05	-99.50	-2,209.93	324.57	1,435.70	1,382.33	53.36	26.905	
4,600.00	3,433.05	3,196.18	3,159.14	50.08	13.29	-101.37	-2,211.61	333.37	1,487.89	1,434.05	53.84	27.634	
4,700.00	3,489.40	3,254.33	3,216.40	51.61	13.56	-103.42	-2,213.64	343.24	1,542.92	1,488.57	54.35	28.389	
4,800.00	3,545.75	3,331.72	3,292.74	53.13	13.91	-106.06	-2,216.39	355.68	1,600.14	1,545.11	55.03	29.080	
4,900.00	3,602.10	3,388.28	3,348.65	54.65	14.16	-107.92	-2,218.12	364.01	1,659.09	1,603.66	55.43	29.932	
5,000.00	3,658.46	3,431.81	3,391.66	56.18	14.36	-109.32	-2,219.44	370.60	1,720.43	1,664.77	55.66	30.908	
5,100.00	3,714.81	3,484.88	3,444.06	57.70	14.60	-110.96	-2,221.18	378.90	1,783.92	1,727.93	55.99	31.861	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 93-MWVD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	3,771.16	3,549.57	3,507.88	59.23	14.89	-112.86	-2,224.21	389.01	1,848.87	1,792.42	56.46	32.749	
5,300.00	3,827.51	3,601.49	3,559.07	60.75	15.13	-114.31	-2,227.06	397.15	1,915.21	1,858.43	56.78	33.732	
5,400.00	3,883.87	3,654.51	3,611.34	62.28	15.37	-115.74	-2,230.03	405.53	1,982.93	1,925.82	57.11	34.720	
5,500.00	3,940.22	3,707.63	3,663.75	63.80	15.61	-117.13	-2,232.63	413.79	2,051.88	1,994.44	57.44	35.724	
5,600.00	3,996.57	3,757.32	3,712.82	65.33	15.83	-118.40	-2,234.62	421.36	2,121.99	2,064.28	57.71	36.768	
5,700.00	4,052.93	3,804.03	3,758.95	66.86	16.04	-119.56	-2,236.34	428.54	2,193.26	2,135.31	57.96	37.844	
5,800.00	4,109.28	3,827.00	3,781.62	68.39	16.15	-120.11	-2,237.15	432.11	2,265.76	2,207.84	57.92	39.120	
5,900.00	4,165.63	3,873.20	3,827.17	69.91	16.36	-121.20	-2,238.74	439.69	2,339.37	2,281.20	58.17	40.218	
6,000.00	4,221.98	3,921.00	3,874.16	71.44	16.58	-122.27	-2,240.35	448.28	2,414.43	2,355.98	58.45	41.306	
6,100.00	4,278.34	3,941.08	3,893.87	72.97	16.68	-122.71	-2,241.01	452.05	2,490.37	2,431.97	58.40	42.645	
6,200.00	4,334.69	3,991.74	3,943.60	74.50	16.93	-123.78	-2,242.67	461.58	2,567.13	2,508.39	58.74	43.702	
6,300.00	4,391.04	4,044.83	3,995.72	76.03	17.18	-124.87	-2,244.38	471.53	2,644.45	2,585.32	59.13	44.726	
6,400.00	4,447.40	4,099.93	4,049.85	77.55	17.44	-125.96	-2,246.00	481.68	2,722.22	2,662.68	59.54	45.721	
6,500.00	4,503.75	4,167.92	4,116.68	79.08	17.77	-127.24	-2,248.11	494.00	2,800.29	2,740.17	60.13	46.574	
6,600.00	4,560.10	4,231.71	4,179.39	80.61	18.07	-128.37	-2,250.60	505.46	2,878.49	2,817.81	60.67	47.441	
6,700.00	4,616.45	4,288.59	4,235.31	82.14	18.34	-129.34	-2,252.93	515.60	2,956.96	2,895.81	61.15	48.359	
6,800.00	4,672.81	4,331.33	4,277.32	83.67	18.55	-130.04	-2,254.68	523.23	3,035.82	2,974.38	61.45	49.407	
6,900.00	4,729.16	4,371.51	4,316.80	85.20	18.74	-130.68	-2,256.26	530.55	3,115.22	3,053.50	61.72	50.472	
7,000.00	4,785.51	4,414.41	4,358.93	86.73	18.94	-131.34	-2,257.84	538.48	3,195.12	3,133.08	62.04	51.502	
7,100.00	4,841.86	4,459.55	4,403.27	88.26	19.16	-132.02	-2,259.32	546.81	3,275.41	3,213.02	62.39	52.499	
7,200.00	4,898.22	4,503.66	4,446.61	89.79	19.37	-132.66	-2,260.59	554.92	3,356.08	3,293.35	62.73	53.500	
7,300.00	4,954.57	4,546.81	4,489.00	91.32	19.58	-133.28	-2,261.76	562.91	3,437.12	3,374.05	63.07	54.500	
7,400.00	5,010.92	4,594.86	4,536.19	92.85	19.81	-133.94	-2,262.99	571.88	3,518.50	3,455.03	63.47	55.434	
7,500.00	5,067.28	4,655.45	4,595.72	94.38	20.10	-134.74	-2,264.54	583.08	3,600.03	3,535.99	64.04	56.215	
7,600.00	5,123.63	4,741.89	4,680.72	95.91	20.51	-135.83	-2,267.31	598.48	3,681.17	3,616.23	64.94	56.684	
7,700.00	5,179.98	4,804.94	4,742.74	97.44	20.81	-136.58	-2,269.69	609.56	3,762.31	3,696.75	65.56	57.388	
7,800.00	5,236.33	4,838.40	4,775.63	98.97	20.97	-136.97	-2,270.97	615.60	3,843.83	3,778.02	65.81	58.407	
7,900.00	5,292.69	4,886.08	4,822.46	100.50	21.20	-137.50	-2,272.70	624.39	3,925.72	3,859.47	66.25	59.256	
8,000.00	5,349.04	4,955.50	4,890.69	102.03	21.53	-138.25	-2,275.25	636.95	4,007.62	3,940.65	66.97	59.843	
8,100.00	5,405.39	5,014.14	4,948.38	103.56	21.81	-138.86	-2,277.28	647.22	4,089.52	4,021.97	67.55	60.545	
8,200.00	5,461.74	5,081.82	5,015.06	105.09	22.12	-139.55	-2,279.38	658.63	4,171.44	4,103.21	68.23	61.139	
8,300.00	5,518.10	5,202.20	5,133.95	106.62	22.66	-140.74	-2,282.81	677.22	4,253.15	4,183.64	69.52	61.182	
8,400.00	5,574.45	5,338.76	5,269.43	108.15	23.23	-142.05	-2,286.03	693.99	4,333.79	4,262.89	70.90	61.128	
8,500.00	5,630.80	5,445.07	5,375.23	109.68	23.64	-143.06	-2,287.89	704.25	4,413.82	4,341.95	71.87	61.411	
8,600.00	5,687.16	5,550.33	5,480.18	111.21	24.02	-144.04	-2,289.07	712.07	4,493.38	4,420.59	72.79	61.732	
8,700.00	5,743.51	5,632.15	5,561.88	112.75	24.31	-144.79	-2,289.59	716.66	4,572.53	4,499.08	73.45	62.254	
8,800.00	5,799.86	5,684.46	5,614.11	114.28	24.49	-145.26	-2,289.79	719.34	4,651.78	4,577.94	73.84	62.999	
8,900.00	5,856.21	5,748.81	5,678.39	115.81	24.70	-145.82	-2,289.76	722.33	4,731.16	4,656.84	74.33	63.652	
9,000.00	5,912.57	6,021.23	5,950.74	117.34	25.48	-148.20	-2,286.99	723.72	4,809.91	4,733.58	76.34	63.009	
9,100.00	5,968.92	6,076.00	6,005.51	118.87	25.62	-148.65	-2,287.26	722.97	4,887.06	4,810.37	76.69	63.723	
9,200.00	6,025.27	6,128.18	6,057.68	120.40	25.76	-149.06	-2,287.48	722.28	4,964.40	4,887.37	77.03	64.446	
9,300.00	6,081.63	6,186.71	6,116.20	121.93	25.91	-149.52	-2,287.71	721.49	5,041.89	4,964.47	77.42	65.123	
9,400.00	6,137.98	6,250.32	6,179.81	123.46	26.08	-150.00	-2,288.00	720.59	5,119.48	5,041.63	77.85	65.759	
9,500.00	6,194.33	6,303.98	6,233.46	125.00	26.22	-150.39	-2,288.28	719.84	5,197.18	5,118.96	78.22	66.446	
9,600.00	6,250.68	6,357.00	6,286.48	126.53	26.36	-150.77	-2,288.59	719.21	5,275.07	5,196.49	78.58	67.129	
9,700.00	6,307.04	6,413.84	6,343.31	128.06	26.51	-151.17	-2,288.92	718.57	5,353.11	5,274.13	78.98	67.779	
9,800.00	6,363.39	6,470.05	6,399.51	129.59	26.66	-151.55	-2,289.18	717.85	5,431.25	5,351.88	79.37	68.426	
9,900.00	6,419.74	6,521.36	6,450.82	131.12	26.80	-151.90	-2,289.38	717.20	5,509.55	5,429.82	79.74	69.098	
10,000.00	6,476.09	6,572.60	6,502.06	132.65	26.94	-152.23	-2,289.54	716.60	5,588.02	5,507.92	80.10	69.763	
10,100.00	6,532.45	6,623.76	6,553.22	134.18	27.08	-152.56	-2,289.67	716.04	5,666.66	5,586.19	80.47	70.422	
10,200.00	6,588.80	6,681.26	6,610.71	135.72	27.24	-152.92	-2,289.79	715.43	5,745.43	5,664.54	80.89	71.030	
10,300.00	6,645.15	6,739.52	6,668.97	137.25	27.40	-153.28	-2,289.88	714.75	5,824.27	5,742.95	81.32	71.625	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 93-MWVD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	6,701.51	6,788.03	6,717.47	138.78	27.53	-153.57	-2,289.90	714.17	5,903.24	5,821.57	81.67	72.281	
10,500.00	6,757.86	6,839.73	6,769.17	140.31	27.68	-153.87	-2,289.83	713.54	5,982.38	5,900.33	82.05	72.908	
10,600.00	6,813.28	6,901.65	6,831.09	141.87	27.85	-166.16	-2,289.77	712.79	6,063.07	5,980.53	82.53	73.463	
10,700.00	6,864.12	6,968.26	6,897.69	143.49	28.03	-173.40	-2,289.82	711.96	6,148.53	6,065.45	83.08	74.006	
10,800.00	6,908.67	7,026.07	6,955.50	145.14	28.20	-151.04	-2,290.03	711.21	6,236.48	6,152.91	83.57	74.624	
10,900.00	6,945.58	7,064.07	6,993.49	146.73	28.30	-129.84	-2,290.20	710.71	6,324.45	6,240.55	83.90	75.382	
11,000.00	6,973.71	7,093.41	7,022.83	148.22	28.38	-112.89	-2,290.33	710.32	6,409.99	6,325.84	84.15	76.176	
11,100.00	6,992.22	7,116.35	7,045.76	149.55	28.45	-100.83	-2,290.44	710.01	6,490.77	6,406.42	84.35	76.953	
11,200.00	7,000.54	7,131.15	7,060.56	150.69	28.49	-92.81	-2,290.50	709.80	6,564.64	6,480.13	84.51	77.680	
11,300.00	7,001.00	7,134.19	7,063.60	151.65	28.50	-91.06	-2,290.51	709.75	6,632.30	6,547.67	84.62	78.375	
11,400.00	7,001.00	7,136.57	7,065.99	152.64	28.51	-91.09	-2,290.52	709.72	6,700.33	6,615.57	84.76	79.050	
11,500.00	7,001.00	7,139.02	7,068.43	153.65	28.51	-91.12	-2,290.54	709.68	6,769.15	6,684.23	84.92	79.714	
11,600.00	7,001.00	7,141.52	7,070.94	154.69	28.52	-91.15	-2,290.55	709.64	6,838.74	6,753.65	85.09	80.366	
11,700.00	7,001.00	7,144.09	7,073.51	155.76	28.53	-91.18	-2,290.56	709.60	6,909.08	6,823.79	85.29	81.007	
11,800.00	7,001.00	7,146.73	7,076.14	156.85	28.53	-91.21	-2,290.57	709.55	6,980.14	6,894.64	85.50	81.639	
11,900.00	7,001.00	7,149.43	7,078.84	157.98	28.54	-91.24	-2,290.58	709.51	7,051.91	6,966.18	85.73	82.261	
12,000.00	7,001.00	7,152.20	7,081.61	159.14	28.55	-91.27	-2,290.59	709.46	7,124.35	7,038.38	85.97	82.875	
12,100.00	7,001.00	7,155.04	7,084.45	160.32	28.56	-91.31	-2,290.61	709.42	7,197.45	7,111.24	86.22	83.481	
12,200.00	7,001.00	7,157.96	7,087.38	161.54	28.57	-91.34	-2,290.62	709.37	7,271.19	7,184.71	86.48	84.080	
12,300.00	7,001.00	7,160.96	7,090.37	162.78	28.57	-91.38	-2,290.63	709.31	7,345.56	7,258.80	86.75	84.672	
12,400.00	7,001.00	7,164.05	7,093.46	164.06	28.58	-91.41	-2,290.65	709.26	7,420.52	7,333.49	87.04	85.258	
12,500.00	7,001.00	7,167.22	7,096.63	165.36	28.59	-91.45	-2,290.66	709.20	7,496.07	7,408.74	87.33	85.840	
12,600.00	7,001.00	7,170.47	7,099.88	166.69	28.60	-91.49	-2,290.67	709.14	7,572.18	7,484.56	87.62	86.416	
12,700.00	7,001.00	7,173.83	7,103.23	168.05	28.61	-91.53	-2,290.69	709.08	7,648.85	7,560.92	87.93	86.989	
12,800.00	7,001.00	7,177.27	7,106.68	169.44	28.62	-91.57	-2,290.70	709.02	7,726.04	7,637.80	88.24	87.557	
12,900.00	7,001.00	7,180.83	7,110.23	170.86	28.63	-91.61	-2,290.72	708.95	7,803.76	7,715.20	88.56	88.122	
13,000.00	7,001.00	7,184.48	7,113.89	172.30	28.64	-91.65	-2,290.74	708.88	7,881.97	7,793.10	88.88	88.685	
13,100.00	7,001.00	7,188.25	7,117.66	173.78	28.65	-91.70	-2,290.75	708.81	7,960.67	7,871.47	89.20	89.245	
13,200.00	7,001.00	7,192.14	7,121.54	175.28	28.66	-91.74	-2,290.77	708.73	8,039.85	7,950.32	89.53	89.802	
13,300.00	7,001.00	7,196.14	7,125.55	176.80	28.67	-91.79	-2,290.79	708.65	8,119.48	8,029.62	89.86	90.358	
13,400.00	7,001.00	7,200.28	7,129.68	178.36	28.68	-91.84	-2,290.81	708.57	8,199.56	8,109.37	90.19	90.912	
13,500.00	7,001.00	7,204.55	7,133.95	179.94	28.70	-91.89	-2,290.83	708.48	8,280.07	8,189.54	90.53	91.465	
13,600.00	7,001.00	7,208.96	7,138.36	181.55	28.71	-91.94	-2,290.85	708.39	8,361.00	8,270.14	90.86	92.017	
13,700.00	7,001.00	7,213.51	7,142.91	183.18	28.72	-91.99	-2,290.87	708.29	8,442.34	8,351.13	91.20	92.568	
13,800.00	7,001.00	7,218.22	7,147.62	184.84	28.73	-92.05	-2,290.89	708.19	8,524.07	8,432.53	91.54	93.117	
13,900.00	7,001.00	7,184.73	7,114.14	186.52	28.64	-91.66	-2,290.74	708.83	8,606.19	8,514.58	91.61	93.945	
14,000.00	7,001.00	7,215.08	7,144.48	188.23	28.73	-92.01	-2,290.87	708.26	8,688.69	8,596.56	92.13	94.310	
14,100.00	7,001.00	7,217.60	7,147.00	189.97	28.73	-92.04	-2,290.89	708.21	8,771.55	8,679.10	92.45	94.877	
14,200.00	7,001.00	7,220.13	7,149.53	191.72	28.74	-92.07	-2,290.90	708.16	8,854.76	8,761.99	92.77	95.445	
14,300.00	7,001.00	7,222.68	7,152.07	193.50	28.75	-92.10	-2,290.91	708.11	8,938.31	8,845.22	93.09	96.015	
14,400.00	7,001.00	7,225.23	7,154.62	195.30	28.75	-92.13	-2,290.92	708.05	9,022.20	8,928.79	93.41	96.585	
14,500.00	7,001.00	7,227.79	7,157.18	197.13	28.76	-92.16	-2,290.93	708.00	9,106.42	9,012.69	93.73	97.156	
14,600.00	7,001.00	7,230.36	7,159.75	198.98	28.77	-92.19	-2,290.95	707.95	9,190.95	9,096.90	94.05	97.729	
14,700.00	7,001.00	7,232.94	7,162.33	200.85	28.78	-92.22	-2,290.96	707.89	9,275.78	9,181.42	94.36	98.303	
14,800.00	7,001.00	7,235.53	7,164.93	202.73	28.78	-92.25	-2,290.97	707.84	9,360.92	9,266.25	94.67	98.878	
14,900.00	7,001.00	7,238.13	7,167.53	204.64	28.79	-92.28	-2,290.98	707.78	9,446.35	9,351.36	94.98	99.455	
15,000.00	7,001.00	7,240.74	7,170.14	206.57	28.80	-92.31	-2,291.00	707.73	9,532.05	9,436.76	95.29	100.033	
15,100.00	7,001.00	7,243.37	7,172.76	208.52	28.80	-92.34	-2,291.01	707.67	9,618.04	9,522.44	95.60	100.612	
15,200.00	7,001.00	7,246.00	7,175.39	210.49	28.81	-92.37	-2,291.02	707.62	9,704.29	9,608.39	95.90	101.193	
15,300.00	7,001.00	7,248.64	7,178.04	212.48	28.82	-92.40	-2,291.04	707.56	9,790.81	9,694.61	96.20	101.776	
15,400.00	7,001.00	7,251.30	7,180.69	214.48	28.83	-92.43	-2,291.05	707.50	9,877.57	9,781.07	96.50	102.360	
15,500.00	7,001.00	7,253.96	7,183.35	216.51	28.83	-92.47	-2,291.06	707.45	9,964.59	9,867.79	96.79	102.946	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		Sec 36-T7N-R67W - EXIST HZ SCHNEIDER 37-36 - Wellbore #1 - Wellbore #1										<b>Offset Site Error:</b>	0.00 usft
Survey Program: 93-MWD												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,600.00	7,001.00	7,256.64	7,186.03	218.55	28.84	92.50	-2,291.08	707.39	10,051.84	9,954.76	97.09	103.533	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	109.83	109.83	0.27	0.16	-164.57	-1,312.72	-362.27	1,361.93	1,361.51	0.42	3,209.332		
200.00	199.98	201.88	201.86	0.62	0.44	-9.43	-1,311.67	-361.34	1,358.87	1,357.81	1.05	1,288.771		
300.00	299.84	292.97	292.94	0.97	0.76	-9.44	-1,311.02	-361.99	1,353.20	1,351.47	1.73	782.506		
400.00	399.45	395.96	395.92	1.34	1.12	-9.46	-1,310.31	-363.62	1,344.36	1,341.90	2.46	547.003		
500.00	498.70	492.23	492.17	1.74	1.46	-9.50	-1,309.36	-365.49	1,331.90	1,328.73	3.17	420.364		
600.00	597.47	576.76	576.69	2.17	1.76	-9.60	-1,309.25	-366.53	1,316.68	1,312.85	3.83	343.638		
700.00	695.62	673.61	673.52	2.62	2.09	-9.86	-1,310.62	-365.45	1,298.92	1,294.38	4.54	286.252		
800.00	793.06	783.69	783.58	3.12	2.46	-10.23	-1,311.66	-363.69	1,277.25	1,271.95	5.30	241.035		
900.00	889.64	884.22	884.10	3.65	2.81	-10.63	-1,311.89	-361.87	1,251.53	1,245.49	6.04	207.316		
1,000.00	985.27	960.04	959.91	4.23	3.08	-10.96	-1,312.27	-361.54	1,223.14	1,216.45	6.70	182.684		
1,100.00	1,079.82	1,045.63	1,045.47	4.85	3.37	-11.25	-1,313.32	-363.78	1,192.86	1,185.47	7.40	161.278		
1,200.00	1,173.17	1,132.11	1,131.86	5.52	3.68	-11.54	-1,314.43	-367.49	1,159.81	1,151.70	8.11	143.001		
1,300.00	1,265.21	1,214.29	1,213.80	6.24	3.97	-11.74	-1,315.62	-373.49	1,124.38	1,115.55	8.82	127.452		
1,400.00	1,355.84	1,294.09	1,293.26	7.01	4.26	-11.92	-1,317.29	-380.71	1,086.75	1,077.22	9.54	113.936		
1,500.00	1,444.94	1,367.00	1,365.74	7.83	4.53	-12.11	-1,319.56	-388.21	1,047.20	1,036.96	10.25	102.211		
1,600.00	1,532.39	1,436.90	1,435.05	8.70	4.79	-12.28	-1,322.80	-396.73	1,006.30	995.34	10.96	91.819		
1,700.00	1,618.11	1,513.37	1,510.50	9.62	5.09	-12.38	-1,327.53	-408.18	964.23	952.52	11.71	82.349		
1,800.00	1,701.97	1,602.56	1,598.27	10.59	5.45	-12.41	-1,333.18	-423.00	919.62	907.11	12.52	73.470		
1,900.00	1,783.88	1,683.25	1,677.67	11.62	5.79	-12.52	-1,338.32	-436.41	872.05	858.74	13.31	65.521		
2,000.00	1,863.74	1,743.38	1,736.45	12.69	6.05	-12.58	-1,343.17	-448.09	823.55	809.49	14.06	58.581		
2,100.00	1,941.45	1,815.29	1,805.99	13.81	6.38	-12.43	-1,350.25	-464.93	774.50	759.64	14.86	52.117		
2,200.00	2,016.92	1,892.07	1,879.42	14.98	6.77	-11.98	-1,357.94	-486.00	723.73	708.04	15.69	46.127		
2,300.00	2,090.05	1,966.58	1,949.86	16.19	7.17	-11.24	-1,365.46	-509.08	671.16	654.64	16.52	40.626		
2,400.00	2,160.76	2,032.48	2,011.42	17.45	7.55	-10.35	-1,372.99	-531.35	617.75	600.42	17.34	35.635		
2,500.00	2,228.95	2,100.69	2,074.36	18.76	7.98	-9.11	-1,382.06	-556.02	564.00	545.84	18.16	31.060		
2,600.00	2,294.55	2,169.43	2,137.01	20.11	8.44	-7.45	-1,392.32	-582.38	509.84	490.87	18.97	26.872		
2,700.00	2,357.48	2,239.00	2,199.31	21.50	8.94	-5.12	-1,403.69	-611.16	455.66	435.89	19.77	23.047		
2,800.00	2,417.66	2,306.49	2,258.79	22.94	9.47	-2.11	-1,415.91	-640.63	401.93	381.37	20.56	19.553		
2,900.00	2,475.05	2,383.83	2,326.32	24.41	10.10	2.36	-1,431.39	-674.99	348.72	327.29	21.43	16.273		
3,000.00	2,531.40	2,462.36	2,395.30	25.89	10.76	8.09	-1,447.56	-708.88	296.58	274.09	22.49	13.188		
3,100.00	2,587.75	2,537.74	2,460.72	27.39	11.42	15.56	-1,463.49	-742.75	249.58	225.57	24.01	10.395		
3,200.00	2,644.11	2,621.24	2,533.22	28.89	12.17	26.42	-1,481.41	-780.10	209.10	182.22	26.87	7.781		
3,300.00	2,700.46	2,698.02	2,598.84	30.39	12.87	39.67	-1,496.38	-815.17	179.59	148.05	31.54	5.694		
3,392.51	2,752.59	2,769.00	2,660.99	31.78	13.55	54.43	-1,508.18	-849.24	169.80	132.37	37.43	4.537 CC		
3,400.00	2,756.81	2,774.81	2,665.99	31.89	13.60	55.67	-1,509.13	-852.04	169.86	131.95	37.91	4.481 ES		
3,500.00	2,813.17	2,852.98	2,733.36	33.40	14.36	71.80	-1,521.93	-889.55	182.82	139.50	43.32	4.220 SF		
3,600.00	2,869.52	2,933.34	2,802.80	34.91	15.13	85.91	-1,535.50	-927.66	213.83	167.43	46.40	4.609		
3,700.00	2,925.87	3,014.26	2,873.55	36.42	15.90	97.22	-1,549.32	-964.42	255.52	207.64	47.88	5.337		
3,800.00	2,982.22	3,086.72	2,936.63	37.93	16.60	104.85	-1,561.55	-997.89	305.03	256.72	48.31	6.314		
3,900.00	3,038.58	3,167.95	3,007.02	39.45	17.39	111.23	-1,575.19	-1,036.07	359.12	309.93	49.19	7.300		
4,000.00	3,094.93	3,253.08	3,080.89	40.96	18.24	116.27	-1,590.56	-1,075.49	414.59	364.28	50.31	8.241		
4,100.00	3,151.28	3,342.58	3,156.83	42.48	19.16	119.84	-1,609.51	-1,118.87	469.94	418.15	51.79	9.074		
4,200.00	3,207.63	3,419.86	3,223.69	44.00	19.94	122.62	-1,626.06	-1,153.92	525.23	472.52	52.71	9.964		
4,300.00	3,263.99	3,486.05	3,281.01	45.52	20.59	124.59	-1,638.83	-1,184.47	583.08	529.79	53.29	10.942		
4,400.00	3,320.34	3,575.90	3,359.85	47.04	21.46	127.05	-1,655.59	-1,224.12	641.64	586.93	54.71	11.728		
4,500.00	3,376.69	3,632.09	3,409.52	48.56	22.00	128.43	-1,665.50	-1,248.45	701.38	646.38	55.00	12.752		
4,600.00	3,433.05	3,692.60	3,462.48	50.08	22.58	129.61	-1,674.61	-1,276.26	763.85	708.28	55.57	13.747		
4,700.00	3,489.40	3,767.00	3,528.24	51.61	23.30	130.98	-1,685.01	-1,309.47	827.30	770.66	56.64	14.606		
4,800.00	3,545.75	3,850.79	3,602.27	53.13	24.10	132.30	-1,697.01	-1,346.82	890.76	832.70	58.06	15.342		
4,900.00	3,602.10	3,916.00	3,658.95	54.65	24.76	133.05	-1,706.61	-1,377.60	954.39	895.37	59.02	16.171		
5,000.00	3,658.46	3,982.86	3,716.10	56.18	25.46	133.58	-1,715.72	-1,411.09	1,019.17	959.02	60.16	16.942		
5,100.00	3,714.81	4,063.51	3,784.62	57.70	26.33	134.09	-1,726.75	-1,452.18	1,084.07	1,022.24	61.83	17.532		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	4,156.19	3,863.31	59.23	27.34	134.60	-1,740.34	-1,499.22	1,148.24	1,084.33	63.91	17.965		
5,300.00	3,827.51	4,239.62	3,934.06	60.75	28.25	135.01	-1,753.36	-1,541.47	1,211.70	1,146.02	65.68	18.448		
5,400.00	3,883.87	4,322.89	4,004.91	62.28	29.15	135.40	-1,766.77	-1,583.11	1,274.77	1,207.35	67.42	18.908		
5,500.00	3,940.22	4,400.69	4,072.16	63.80	29.94	135.85	-1,779.36	-1,620.14	1,337.65	1,268.76	68.89	19.417		
5,600.00	3,996.57	4,478.69	4,141.06	65.33	30.71	136.43	-1,791.74	-1,654.53	1,400.62	1,330.36	70.25	19.937		
5,700.00	4,052.93	4,557.53	4,210.70	66.86	31.48	136.96	-1,804.36	-1,689.27	1,463.54	1,391.89	71.65	20.428		
5,800.00	4,109.28	4,634.57	4,277.37	68.39	32.27	137.29	-1,816.90	-1,725.75	1,526.49	1,453.38	73.11	20.880		
5,900.00	4,165.63	4,710.08	4,342.64	69.91	33.05	137.59	-1,829.14	-1,761.68	1,589.52	1,514.96	74.56	21.320		
6,000.00	4,221.98	4,794.25	4,415.62	71.44	33.93	137.92	-1,842.85	-1,801.32	1,652.50	1,576.27	76.24	21.676		
6,100.00	4,278.34	4,893.71	4,501.03	72.97	34.97	138.20	-1,859.91	-1,849.33	1,714.89	1,636.53	78.37	21.883		
6,200.00	4,334.69	5,038.19	4,626.20	74.50	36.46	138.71	-1,888.06	-1,915.75	1,775.42	1,693.93	81.49	21.787		
6,300.00	4,391.04	5,146.06	4,719.10	76.03	37.58	139.05	-1,912.26	-1,964.95	1,833.39	1,749.73	83.67	21.913		
6,400.00	4,447.40	5,203.69	4,768.23	77.55	38.20	139.18	-1,925.12	-1,992.19	1,891.62	1,806.91	84.71	22.330		
6,500.00	4,503.75	5,273.84	4,827.77	79.08	38.95	139.30	-1,940.08	-2,026.13	1,950.68	1,864.59	86.09	22.659		
6,600.00	4,560.10	5,360.92	4,902.42	80.61	39.88	139.50	-1,958.52	-2,067.00	2,009.87	1,922.04	87.84	22.882		
6,700.00	4,616.45	5,414.00	4,948.25	82.14	40.43	139.64	-1,970.04	-2,091.17	2,068.86	1,980.12	88.74	23.314		
6,800.00	4,672.81	5,463.92	4,991.45	83.67	40.95	139.76	-1,980.20	-2,114.01	2,128.98	2,039.42	89.56	23.772		
6,900.00	4,729.16	5,510.00	5,031.30	85.20	41.42	139.86	-1,988.17	-2,135.73	2,191.08	2,100.79	90.29	24.266		
7,000.00	4,785.51	5,555.44	5,070.90	86.73	41.87	139.96	-1,995.36	-2,156.83	2,254.34	2,163.36	90.98	24.779		
7,100.00	4,841.86	5,637.43	5,143.81	88.26	42.67	140.24	-2,008.37	-2,192.00	2,317.76	2,225.29	92.47	25.065		
7,200.00	4,898.22	5,741.92	5,236.99	89.79	43.65	140.60	-2,025.43	-2,236.09	2,380.89	2,286.45	94.44	25.211		
7,300.00	4,954.57	5,852.98	5,334.20	91.32	44.76	140.86	-2,045.54	-2,285.86	2,442.54	2,345.87	96.67	25.266		
7,400.00	5,010.92	5,967.20	5,431.78	92.85	45.99	140.97	-2,067.77	-2,340.88	2,503.13	2,403.98	99.15	25.247		
7,500.00	5,067.28	6,083.00	5,530.54	94.38	47.24	141.10	-2,092.61	-2,395.96	2,561.88	2,460.27	101.62	25.212		
7,600.00	5,123.63	6,132.35	5,573.33	95.91	47.75	141.19	-2,103.08	-2,418.19	2,621.28	2,518.81	102.47	25.582		
7,700.00	5,179.98	6,179.00	5,613.65	97.44	48.23	141.25	-2,111.99	-2,439.90	2,682.13	2,578.86	103.27	25.973		
7,800.00	5,236.33	6,212.46	5,642.39	98.97	48.60	141.28	-2,117.89	-2,455.98	2,744.06	2,640.28	103.78	26.441		
7,900.00	5,292.69	6,274.00	5,694.51	100.50	49.27	141.29	-2,128.10	-2,487.06	2,806.98	2,701.95	105.03	26.725		
8,000.00	5,349.04	6,371.77	5,777.96	102.03	50.34	141.34	-2,144.38	-2,535.29	2,869.99	2,762.82	107.17	26.780		
8,100.00	5,405.39	6,406.30	5,808.00	103.56	50.69	141.39	-2,150.12	-2,551.34	2,932.95	2,825.28	107.67	27.241		
8,200.00	5,461.74	6,465.00	5,859.39	105.09	51.28	141.47	-2,158.78	-2,578.34	2,997.21	2,888.48	108.73	27.566		
8,300.00	5,518.10	6,481.75	5,874.12	106.62	51.45	141.50	-2,161.04	-2,585.99	3,062.10	2,953.33	108.77	28.151		
8,400.00	5,574.45	6,535.66	5,921.50	108.15	51.99	141.58	-2,168.08	-2,610.72	3,127.85	3,018.14	109.71	28.511		
8,500.00	5,630.80	6,718.01	6,079.90	109.68	53.87	141.75	-2,193.68	-2,697.25	3,193.18	3,079.32	113.86	28.045		
8,600.00	5,687.16	6,858.76	6,200.61	111.21	55.38	141.83	-2,218.33	-2,765.24	3,255.10	3,138.12	116.98	27.825		
8,700.00	5,743.51	6,925.05	6,258.72	112.75	56.05	141.92	-2,230.11	-2,794.90	3,317.19	3,198.98	118.20	28.063		
8,800.00	5,799.86	7,007.12	6,331.16	114.28	56.85	142.06	-2,244.55	-2,830.66	3,379.43	3,259.69	119.74	28.224		
8,900.00	5,856.21	7,081.80	6,397.15	115.81	57.57	142.19	-2,257.80	-2,863.01	3,441.57	3,320.47	121.10	28.420		
9,000.00	5,912.57	7,148.64	6,456.55	117.34	58.22	142.31	-2,269.48	-2,891.35	3,503.93	3,381.66	122.27	28.657		
9,100.00	5,968.92	7,214.84	6,514.90	118.87	58.87	142.40	-2,280.82	-2,920.48	3,566.57	3,443.09	123.48	28.885		
9,200.00	6,025.27	7,290.19	6,580.74	120.40	59.62	142.48	-2,293.55	-2,954.85	3,629.38	3,504.45	124.93	29.052		
9,300.00	6,081.63	7,390.12	6,668.38	121.93	60.63	142.59	-2,310.63	-2,999.70	3,692.07	3,565.16	126.91	29.092		
9,400.00	6,137.98	7,580.70	6,831.01	123.46	62.70	142.64	-2,347.21	-3,091.94	3,752.67	3,621.54	131.13	28.617		
9,500.00	6,194.33	7,647.39	6,887.15	125.00	63.43	142.64	-2,360.72	-3,125.30	3,812.72	3,680.19	132.53	28.768		
9,600.00	6,250.68	7,707.00	6,938.74	126.53	64.07	142.68	-2,372.48	-3,152.74	3,873.24	3,739.55	133.69	28.972		
9,700.00	6,307.04	7,842.00	7,055.24	128.06	65.48	142.77	-2,400.05	-3,215.05	3,933.12	3,796.65	136.47	28.821		
9,800.00	6,363.39	7,875.41	7,082.51	129.59	65.92	142.74	-2,406.80	-3,233.11	3,993.12	3,855.91	137.21	29.102		
9,900.00	6,419.74	7,905.43	7,106.15	131.12	66.31	142.68	-2,412.42	-3,250.74	4,054.10	3,916.22	137.88	29.403		
10,000.00	6,476.09	7,937.00	7,130.03	132.65	66.72	142.59	-2,417.87	-3,270.65	4,116.06	3,977.45	138.61	29.695		
10,100.00	6,532.45	8,011.33	7,181.54	134.18	67.90	142.26	-2,429.85	-3,322.81	4,178.55	4,037.62	140.93	29.650		
10,200.00	6,588.80	8,033.00	7,195.16	135.72	68.25	142.13	-2,433.23	-3,339.31	4,241.44	4,099.96	141.49	29.978		
10,300.00	6,645.15	8,033.00	7,195.16	137.25	68.25	142.13	-2,433.23	-3,339.31	4,305.69	4,164.45	141.24	30.484		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	8,076.04	7,220.32	138.78	69.03	141.84	-2,439.01	-3,373.74	4,370.30	4,227.62	142.68	30.629		
10,500.00	6,757.86	8,090.48	7,228.17	140.31	69.30	141.73	-2,440.56	-3,385.75	4,436.39	4,293.41	142.98	31.027		
10,600.00	6,813.28	8,128.00	7,247.14	141.87	69.98	131.91	-2,443.66	-3,417.97	4,502.50	4,358.31	144.20	31.225		
10,700.00	6,864.12	8,128.00	7,247.14	143.49	69.98	120.03	-2,443.66	-3,417.97	4,562.87	4,419.15	143.72	31.748		
10,800.00	6,908.67	8,159.30	7,261.21	145.14	70.61	110.56	-2,445.56	-3,445.86	4,616.23	4,471.70	144.52	31.941		
10,900.00	6,945.58	8,224.00	7,284.68	146.73	71.90	103.42	-2,448.81	-3,506.01	4,660.35	4,513.56	146.79	31.749		
11,000.00	6,973.71	8,415.00	7,316.22	148.22	75.98	98.20	-2,458.01	-3,693.41	4,691.91	4,536.73	155.17	30.236		
11,100.00	6,992.22	8,457.46	7,316.33	149.55	76.89	95.22	-2,459.78	-3,735.83	4,711.22	4,554.73	156.49	30.105		
11,200.00	7,000.54	8,510.00	7,316.45	150.69	78.03	93.99	-2,460.87	-3,788.36	4,719.18	4,560.88	158.30	29.812		
11,300.00	7,001.00	8,510.00	7,316.45	151.65	78.03	93.96	-2,460.87	-3,788.36	4,718.43	4,560.88	157.55	29.948		
11,348.54	7,001.00	8,541.40	7,316.64	152.13	78.71	93.96	-2,460.99	-3,819.76	4,718.26	4,559.51	158.75	29.722		
11,400.00	7,001.00	8,559.93	7,316.88	152.64	79.11	93.96	-2,460.90	-3,838.28	4,718.49	4,559.21	159.28	29.625		
11,500.00	7,001.00	8,606.00	7,317.83	153.65	80.12	93.97	-2,460.12	-3,884.34	4,719.99	4,559.16	160.83	29.348		
11,600.00	7,001.00	8,723.46	7,321.22	154.69	82.71	94.01	-2,457.87	-4,001.73	4,721.97	4,555.95	166.02	28.442		
11,700.00	7,001.00	8,823.05	7,326.15	155.76	84.95	94.07	-2,456.47	-4,101.18	4,723.56	4,553.17	170.39	27.722		
11,800.00	7,001.00	8,917.44	7,331.13	156.85	87.10	94.13	-2,455.20	-4,195.44	4,725.12	4,550.57	174.55	27.070		
11,900.00	7,001.00	8,994.39	7,332.49	157.98	88.85	94.14	-2,453.65	-4,272.35	4,727.09	4,549.25	177.84	26.580		
12,000.00	7,001.00	9,394.89	7,330.22	159.14	98.24	94.12	-2,457.07	-4,672.69	4,725.83	4,528.08	197.75	23.898		
12,100.00	7,001.00	9,479.68	7,331.39	160.32	100.28	94.14	-2,460.43	-4,757.41	4,721.81	4,520.20	201.61	23.421		
12,200.00	7,001.00	9,633.66	7,332.92	161.54	104.02	94.16	-2,466.90	-4,911.24	4,717.61	4,508.57	209.03	22.569		
12,300.00	7,001.00	9,714.95	7,333.91	162.78	106.01	94.18	-2,471.25	-4,992.41	4,712.31	4,499.52	212.79	22.146		
12,400.00	7,001.00	9,751.00	7,333.74	164.06	106.89	94.18	-2,472.63	-5,028.43	4,708.36	4,494.12	214.23	21.978		
12,500.00	7,001.00	9,830.29	7,334.05	165.36	108.83	94.18	-2,474.99	-5,107.68	4,705.27	4,487.34	217.92	21.591		
12,600.00	7,001.00	9,847.00	7,334.42	166.69	109.24	94.19	-2,475.45	-5,124.38	4,703.21	4,484.85	218.36	21.539		
12,700.00	7,001.00	9,907.70	7,335.35	168.05	110.74	94.20	-2,476.29	-5,185.06	4,702.09	4,480.99	221.10	21.267		
12,800.00	7,001.00	10,079.55	7,335.12	169.44	114.98	94.20	-2,477.75	-5,356.88	4,701.03	4,471.30	229.73	20.464		
12,900.00	7,001.00	10,161.69	7,335.68	170.86	117.02	94.21	-2,478.45	-5,439.02	4,699.96	4,466.30	233.66	20.115		
13,000.00	7,001.00	10,229.00	7,336.55	172.30	118.70	94.22	-2,479.32	-5,506.32	4,698.73	4,461.91	236.82	19.841		
13,069.44	7,001.00	10,267.82	7,337.22	173.32	119.67	94.23	-2,479.86	-5,545.13	4,698.07	4,459.47	238.60	19.690		
13,100.00	7,001.00	10,274.66	7,337.31	173.78	119.84	94.23	-2,479.84	-5,551.97	4,698.15	4,459.32	238.83	19.672		
13,200.00	7,001.00	10,324.00	7,337.70	175.28	121.07	94.23	-2,478.63	-5,601.28	4,699.82	4,458.79	241.03	19.499		
13,300.00	7,001.00	10,324.00	7,337.70	176.80	121.07	94.23	-2,478.63	-5,601.28	4,702.47	4,461.94	240.53	19.551		
13,400.00	7,001.00	10,583.10	7,340.03	178.36	127.57	94.26	-2,473.66	-5,860.30	4,703.96	4,449.82	254.14	18.509		
13,500.00	7,001.00	10,717.14	7,339.66	179.94	130.96	94.25	-2,473.38	-5,994.33	4,704.01	4,443.05	260.96	18.026		
13,600.00	7,001.00	10,812.04	7,338.33	181.55	133.37	94.23	-2,473.40	-6,089.22	4,703.72	4,438.03	265.69	17.704		
13,700.00	7,001.00	10,954.39	7,338.65	183.18	137.00	94.24	-2,474.06	-6,231.57	4,703.16	4,430.18	272.98	17.229		
13,800.00	7,001.00	11,126.79	7,342.24	184.84	141.43	94.29	-2,478.15	-6,403.87	4,700.48	4,418.63	281.85	16.677		
13,900.00	7,001.00	11,185.00	7,343.91	186.52	142.93	94.31	-2,479.46	-6,462.04	4,698.25	4,413.55	284.71	16.502		
14,000.00	7,001.00	11,495.28	7,350.04	188.23	150.95	94.39	-2,490.78	-6,771.98	4,695.48	4,394.80	300.68	15.616		
14,100.00	7,001.00	11,567.00	7,350.66	189.97	152.81	94.41	-2,494.87	-6,843.57	4,689.63	4,385.31	304.32	15.410		
14,200.00	7,001.00	11,567.00	7,350.66	191.72	152.81	94.41	-2,494.87	-6,843.57	4,684.98	4,380.73	304.25	15.399		
14,300.00	7,001.00	11,610.72	7,349.55	193.50	153.93	94.39	-2,496.39	-6,887.24	4,681.63	4,375.24	306.39	15.280		
14,400.00	7,001.00	11,663.00	7,346.83	195.30	155.28	94.36	-2,496.44	-6,939.45	4,680.39	4,371.43	308.96	15.149		
14,463.73	7,001.00	11,663.00	7,346.83	196.47	155.28	94.36	-2,496.44	-6,939.45	4,679.96	4,371.16	308.80	15.155		
14,500.00	7,001.00	11,663.00	7,346.83	197.13	155.28	94.36	-2,496.44	-6,939.45	4,680.10	4,371.42	308.68	15.161		
14,600.00	7,001.00	11,697.21	7,344.70	198.98	156.16	94.33	-2,495.67	-6,973.59	4,681.63	4,371.43	310.20	15.093		
14,700.00	7,001.00	11,759.00	7,341.59	200.85	157.75	94.29	-2,493.36	-7,035.25	4,684.59	4,371.38	313.21	14.957		
14,800.00	7,001.00	11,759.00	7,341.59	202.73	157.75	94.29	-2,493.36	-7,035.25	4,688.65	4,375.94	312.71	14.994		
14,900.00	7,001.00	11,799.64	7,340.08	204.64	158.80	94.27	-2,491.03	-7,075.80	4,694.22	4,379.75	314.47	14.928		
15,000.00	7,001.00	11,854.00	7,338.72	206.57	160.19	94.25	-2,486.55	-7,129.95	4,701.63	4,384.64	316.99	14.832		
15,100.00	7,001.00	12,805.00	7,356.94	208.52	185.02	94.49	-2,497.72	-8,078.40	4,704.52	4,337.47	367.06	12.817		
15,200.00	7,001.00	12,805.00	7,356.94	210.49	185.02	94.49	-2,497.72	-8,078.40	4,694.89	4,327.42	367.47	12.776		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,300.00	7,001.00	12,805.00	7,356.94	212.48	185.02	94.49	-2,497.72	-8,078.40	4,687.37	4,319.62	367.75	12.746		
15,400.00	7,001.00	12,851.91	7,356.66	214.48	186.25	94.49	-2,500.90	-8,125.20	4,680.97	4,310.69	370.28	12.642		
15,500.00	7,001.00	12,901.00	7,355.85	216.51	187.54	94.48	-2,502.54	-8,174.25	4,676.76	4,303.88	372.89	12.542		
15,600.00	7,001.00	12,901.00	7,355.85	218.55	187.54	94.48	-2,502.54	-8,174.25	4,673.59	4,300.70	372.88	12.534		
15,700.00	7,001.00	12,975.61	7,354.31	220.60	189.51	94.46	-2,503.58	-8,248.84	4,671.83	4,295.08	376.76	12.400		
15,800.00	7,001.00	13,058.59	7,352.67	222.68	191.69	94.44	-2,504.47	-8,331.80	4,670.45	4,289.37	381.08	12.256		
15,889.46	7,001.00	13,092.00	7,351.94	224.54	192.57	94.43	-2,504.73	-8,365.20	4,669.74	4,287.01	382.73	12.201		
15,900.00	7,001.00	13,092.00	7,351.94	224.76	192.57	94.43	-2,504.73	-8,365.20	4,669.75	4,287.04	382.71	12.202		
16,000.00	7,001.00	13,140.97	7,350.69	226.87	193.86	94.42	-2,504.49	-8,414.15	4,670.21	4,285.07	385.14	12.126		
16,100.00	7,001.00	13,187.00	7,349.28	228.99	195.08	94.40	-2,503.18	-8,460.14	4,672.35	4,284.98	387.38	12.061		
16,200.00	7,001.00	13,377.00	7,344.10	231.12	200.08	94.33	-2,498.14	-8,649.99	4,675.31	4,277.68	397.64	11.758		
16,300.00	7,001.00	13,422.21	7,342.95	233.27	201.27	94.32	-2,497.48	-8,695.18	4,676.44	4,276.57	399.87	11.695		
16,400.00	7,001.00	13,473.00	7,341.37	235.43	202.61	94.30	-2,496.05	-8,745.93	4,678.77	4,276.40	402.37	11.628		
16,500.00	7,001.00	13,537.37	7,338.61	237.61	204.31	94.26	-2,493.60	-8,810.19	4,682.03	4,276.41	405.62	11.543		
16,600.00	7,001.00	13,730.07	7,325.89	239.79	209.38	94.10	-2,486.88	-9,002.35	4,685.14	4,269.03	416.11	11.259		
16,700.00	7,001.00	13,816.18	7,319.59	242.00	211.65	94.02	-2,485.03	-9,088.20	4,686.63	4,266.02	420.61	11.143		
16,800.00	7,001.00	13,990.40	7,306.45	244.21	216.24	93.86	-2,481.72	-9,261.89	4,687.94	4,257.98	429.97	10.903		
16,900.00	7,001.00	14,242.74	7,283.10	246.43	222.89	93.57	-2,482.39	-9,513.13	4,687.35	4,244.04	443.30	10.574		
17,000.00	7,001.00	14,356.08	7,274.06	248.67	225.89	93.47	-2,485.25	-9,626.06	4,684.15	4,234.88	449.26	10.426		
17,100.00	7,001.00	14,428.20	7,266.95	250.92	227.79	93.38	-2,486.79	-9,697.81	4,681.25	4,228.15	453.10	10.332		
17,200.00	7,001.00	14,574.52	7,250.47	253.18	231.65	93.18	-2,489.93	-9,843.17	4,678.34	4,217.60	460.74	10.154		
17,300.00	7,001.00	14,727.40	7,232.41	255.45	235.67	92.96	-2,495.23	-9,994.88	4,673.97	4,205.31	468.66	9.973		
17,400.00	7,001.00	14,808.00	7,221.81	257.73	237.79	92.84	-2,498.09	-10,074.73	4,669.55	4,196.60	472.94	9.873		
17,500.00	7,001.00	14,920.39	7,207.10	260.02	240.74	92.66	-2,502.03	-10,186.09	4,665.22	4,186.41	478.81	9.743		
17,600.00	7,001.00	15,019.26	7,194.28	262.32	243.34	92.50	-2,505.80	-10,284.05	4,660.63	4,176.62	484.02	9.629		
17,700.00	7,001.00	15,143.44	7,183.54	264.63	246.63	92.37	-2,510.62	-10,407.64	4,656.28	4,165.77	490.51	9.493		
17,800.00	7,001.00	15,190.00	7,180.55	266.95	247.87	92.34	-2,512.74	-10,454.05	4,651.60	4,158.48	493.12	9.433		
17,900.00	7,001.00	15,285.00	7,176.65	269.28	250.40	92.29	-2,516.03	-10,548.90	4,647.81	4,149.62	498.18	9.330		
18,000.00	7,001.00	15,285.00	7,176.65	271.61	250.40	92.29	-2,516.03	-10,548.90	4,645.16	4,146.86	498.29	9.322		
18,100.00	7,001.00	15,391.75	7,173.24	273.96	253.26	92.25	-2,517.34	-10,655.59	4,643.65	4,139.67	503.98	9.214		
18,200.00	7,001.00	15,503.76	7,169.65	276.31	256.25	92.21	-2,519.17	-10,767.53	4,641.71	4,131.77	509.95	9.102		
18,300.00	7,001.00	15,598.62	7,165.96	278.67	258.79	92.16	-2,520.66	-10,862.30	4,639.83	4,124.82	515.01	9.009		
18,392.91	7,001.00	15,605.00	7,165.71	280.87	258.96	92.16	-2,520.76	-10,868.68	4,638.90	4,123.60	515.31	9.002		
18,400.00	7,001.00	15,605.00	7,165.71	281.04	258.96	92.16	-2,520.76	-10,868.68	4,638.91	4,123.61	515.29	9.002		
18,500.00	7,001.00	15,605.00	7,165.71	283.42	258.96	92.16	-2,520.76	-10,868.68	4,640.14	4,125.11	515.03	9.010		
18,600.00	7,001.00	15,605.00	7,165.71	285.80	258.96	92.16	-2,520.76	-10,868.68	4,643.52	4,128.98	514.54	9.025		
18,700.00	7,001.00	15,605.00	7,165.71	288.19	258.96	92.16	-2,520.76	-10,868.68	4,649.05	4,135.22	513.84	9.048		
18,800.00	7,001.00	15,605.00	7,165.71	290.59	258.96	92.16	-2,520.76	-10,868.68	4,656.73	4,143.81	512.92	9.079		
18,900.00	7,001.00	15,605.00	7,165.71	293.00	258.96	92.16	-2,520.76	-10,868.68	4,666.53	4,154.75	511.79	9.118		
19,000.00	7,001.00	15,605.00	7,165.71	295.41	258.96	92.16	-2,520.76	-10,868.68	4,678.46	4,168.01	510.45	9.165		
19,100.00	7,001.00	15,605.00	7,165.71	297.83	258.96	92.16	-2,520.76	-10,868.68	4,692.48	4,183.57	508.91	9.221		
19,200.00	7,001.00	15,605.00	7,165.71	300.25	258.96	92.16	-2,520.76	-10,868.68	4,708.59	4,201.41	507.17	9.284		
19,300.00	7,001.00	15,605.00	7,165.71	302.68	258.96	92.16	-2,520.76	-10,868.68	4,726.76	4,221.51	505.25	9.355		
19,400.00	7,001.00	15,605.00	7,165.71	305.12	258.96	92.16	-2,520.76	-10,868.68	4,746.96	4,243.82	503.14	9.435		
19,500.00	7,001.00	15,605.00	7,165.71	307.56	258.96	92.16	-2,520.76	-10,868.68	4,769.18	4,268.32	500.86	9.522		
19,600.00	7,001.00	15,605.00	7,165.71	310.01	258.96	92.16	-2,520.76	-10,868.68	4,793.38	4,294.97	498.41	9.617		
19,700.00	7,001.00	15,605.00	7,165.71	312.46	258.96	92.16	-2,520.76	-10,868.68	4,819.53	4,323.73	495.80	9.721		
19,800.00	7,001.00	15,605.00	7,165.71	314.92	258.96	92.16	-2,520.76	-10,868.68	4,847.61	4,354.56	493.05	9.832		
19,900.00	7,001.00	15,605.00	7,165.71	317.39	258.96	92.16	-2,520.76	-10,868.68	4,877.57	4,387.42	490.15	9.951		
20,000.00	7,001.00	15,605.00	7,165.71	319.85	258.96	92.16	-2,520.76	-10,868.68	4,909.39	4,422.27	487.13	10.078		
20,100.00	7,001.00	15,605.00	7,165.71	322.33	258.96	92.16	-2,520.76	-10,868.68	4,943.03	4,459.05	483.98	10.213		
20,200.00	7,001.00	15,605.00	7,165.71	324.81	258.96	92.16	-2,520.76	-10,868.68	4,978.45	4,497.73	480.72	10.356		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 36-T7N-R67W - ICE MAN 2W-15-1C - ORIGINAL WELLBORE - WB #1 - PATT 901												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 130-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,300.00	7,001.00	15,605.00	7,165.71	327.29	258.96	92.16	-2,520.76	-10,868.68	5,015.62	4,538.26	477.36	10.507	
20,400.00	7,001.00	15,605.00	7,165.71	329.78	258.96	92.16	-2,520.76	-10,868.68	5,054.48	4,580.58	473.90	10.666	
20,500.00	7,001.00	15,605.00	7,165.71	332.27	258.96	92.16	-2,520.76	-10,868.68	5,095.02	4,624.66	470.36	10.832	
20,600.00	7,001.00	15,605.00	7,165.71	334.77	258.96	92.16	-2,520.76	-10,868.68	5,137.18	4,670.44	466.75	11.006	
20,700.00	7,001.00	15,605.00	7,165.71	337.27	258.96	92.16	-2,520.76	-10,868.68	5,180.93	4,717.87	463.06	11.188	
20,800.00	7,001.00	15,605.00	7,165.71	339.77	258.96	92.16	-2,520.76	-10,868.68	5,226.23	4,766.91	459.33	11.378	
20,900.00	7,001.00	15,605.00	7,165.71	342.28	258.96	92.16	-2,520.76	-10,868.68	5,273.04	4,817.50	455.54	11.575	
21,000.00	7,001.00	15,605.00	7,165.71	344.79	258.96	92.16	-2,520.76	-10,868.68	5,321.31	4,869.60	451.71	11.780	
21,100.00	7,001.00	15,605.00	7,165.71	347.31	258.96	92.16	-2,520.76	-10,868.68	5,371.01	4,923.17	447.84	11.993	
21,200.00	7,001.00	15,605.00	7,165.71	349.83	258.96	92.16	-2,520.76	-10,868.68	5,422.10	4,978.15	443.95	12.213	
21,300.00	7,001.00	15,605.00	7,165.71	352.35	258.96	92.16	-2,520.76	-10,868.68	5,474.54	5,034.51	440.03	12.441	
21,369.95	7,001.00	15,605.00	7,165.71	354.12	258.96	92.16	-2,520.76	-10,868.68	5,512.00	5,074.72	437.29	12.605	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design      Sec 36-T7N-R67W - ICE MAN 2W-15-2N - ORIGINAL WELLBORE - WB #1 - PATT 901													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	143.07	143.02	0.27	0.25	-165.52	-1,331.29	-343.86	1,376.04	1,375.53	0.52	2,670.884		
200.00	199.98	225.00	224.91	0.62	0.53	-10.36	-1,328.95	-343.13	1,371.28	1,370.14	1.15	1,195.535		
300.00	299.84	300.83	300.73	0.97	0.80	-10.41	-1,327.86	-342.87	1,364.60	1,362.83	1.77	770.611		
400.00	399.45	383.05	382.95	1.34	1.08	-10.48	-1,327.58	-343.20	1,355.80	1,353.39	2.42	561.158		
500.00	498.70	470.39	470.28	1.74	1.38	-10.58	-1,328.24	-343.92	1,344.74	1,341.66	3.08	436.674		
600.00	597.47	562.04	561.92	2.17	1.69	-10.73	-1,329.56	-344.68	1,330.93	1,327.17	3.76	353.519		
700.00	695.62	673.80	673.67	2.62	2.08	-10.94	-1,331.13	-345.95	1,313.84	1,309.30	4.53	289.769		
800.00	793.06	786.25	786.12	3.12	2.48	-11.23	-1,331.21	-346.36	1,291.88	1,286.57	5.31	243.115		
900.00	889.64	875.22	875.08	3.65	2.79	-11.50	-1,330.95	-347.11	1,266.40	1,260.39	6.02	210.486		
1,000.00	985.27	957.54	957.38	4.23	3.08	-11.79	-1,331.27	-348.53	1,238.48	1,231.77	6.70	184.722		
1,100.00	1,079.82	1,035.87	1,035.66	4.85	3.36	-12.07	-1,332.27	-351.12	1,208.47	1,201.08	7.39	163.563		
1,200.00	1,173.17	1,113.10	1,112.75	5.52	3.64	-12.31	-1,334.00	-355.51	1,176.63	1,168.56	8.08	145.636		
1,300.00	1,265.21	1,189.55	1,188.98	6.24	3.92	-12.56	-1,336.62	-360.74	1,142.94	1,134.16	8.78	130.179		
1,400.00	1,355.84	1,260.51	1,259.58	7.01	4.18	-12.81	-1,340.09	-366.82	1,107.75	1,098.28	9.47	116.921		
1,500.00	1,444.84	1,331.71	1,330.21	7.83	4.45	-13.02	-1,344.64	-374.64	1,071.27	1,061.08	10.19	105.173		
1,600.00	1,532.39	1,405.19	1,402.76	8.70	4.74	-13.18	-1,350.34	-384.74	1,033.44	1,022.52	10.92	94.627		
1,700.00	1,618.11	1,485.33	1,481.54	9.62	5.07	-13.28	-1,357.43	-397.60	993.97	982.27	11.70	84.983		
1,800.00	1,701.97	1,582.80	1,577.38	10.59	5.48	-13.46	-1,366.31	-412.93	951.59	939.04	12.55	75.841		
1,900.00	1,783.88	1,682.64	1,675.36	11.62	5.91	-13.54	-1,373.51	-430.72	904.92	891.50	13.41	67.458		
2,000.00	1,863.74	1,763.00	1,753.33	12.69	6.28	-13.36	-1,378.54	-449.43	855.65	841.41	14.23	60.110		
2,100.00	1,941.45	1,812.05	1,800.41	13.81	6.53	-13.24	-1,382.44	-462.62	805.59	790.60	14.99	53.752		
2,200.00	2,016.92	1,869.05	1,854.76	14.98	6.82	-13.05	-1,389.07	-478.47	756.10	740.33	15.77	47.946		
2,300.00	2,090.05	1,937.92	1,920.02	16.19	7.20	-12.75	-1,399.00	-498.09	706.32	689.72	16.60	42.540		
2,400.00	2,160.76	2,013.31	1,991.00	17.45	7.64	-12.32	-1,411.20	-520.38	655.46	637.99	17.47	37.519		
2,500.00	2,228.95	2,086.48	2,059.25	18.76	8.09	-11.70	-1,423.55	-543.69	603.01	584.68	18.33	32.894		
2,600.00	2,294.55	2,157.82	2,124.77	20.11	8.56	-10.74	-1,436.40	-568.77	549.72	530.54	19.18	28.660		
2,700.00	2,357.48	2,233.85	2,193.23	21.50	9.11	-9.02	-1,450.00	-598.89	495.21	475.18	20.02	24.732		
2,800.00	2,417.66	2,301.84	2,253.13	22.94	9.65	-6.70	-1,462.30	-628.60	440.08	419.27	20.82	21.142		
2,900.00	2,475.05	2,367.26	2,309.57	24.41	10.21	-3.64	-1,475.31	-659.01	385.76	364.21	21.55	17.898		
3,000.00	2,531.40	2,433.38	2,365.26	25.89	10.81	0.41	-1,490.51	-691.26	335.62	313.36	22.25	15.081		
3,100.00	2,587.75	2,521.32	2,439.06	27.39	11.65	7.09	-1,512.04	-733.95	289.31	265.96	23.35	12.391		
3,200.00	2,644.11	2,596.84	2,502.39	28.89	12.40	14.46	-1,530.75	-770.59	247.47	222.66	24.81	9.975		
3,300.00	2,700.46	2,681.32	2,572.32	30.39	13.25	25.08	-1,552.17	-812.86	214.00	186.28	27.73	7.719		
3,400.00	2,756.81	2,763.90	2,641.37	31.89	14.11	37.54	-1,573.42	-852.85	189.87	157.44	32.43	5.854		
3,500.00	2,813.17	2,846.08	2,709.22	33.40	14.97	51.18	-1,596.20	-893.23	181.12	142.50	38.62	4.690		
3,505.40	2,816.21	2,850.68	2,713.01	33.48	15.02	51.95	-1,597.51	-895.50	181.09	142.12	38.97	4.646 CC, ES		
3,600.00	2,869.52	2,933.41	2,781.19	34.91	15.90	65.57	-1,621.18	-935.93	187.64	142.65	45.00	4.170		
3,700.00	2,925.87	3,024.65	2,857.78	36.42	16.85	79.37	-1,647.10	-978.18	205.78	155.76	50.02	4.114 SF		
3,800.00	2,982.22	3,112.16	2,932.95	37.93	17.72	91.00	-1,671.33	-1,015.86	232.86	179.92	52.94	4.398		
3,900.00	3,038.58	3,185.45	2,996.73	39.45	18.43	99.38	-1,689.42	-1,047.10	269.85	216.04	53.81	5.015		
4,000.00	3,094.93	3,252.98	3,055.35	40.96	19.10	105.67	-1,703.75	-1,077.40	316.19	262.34	53.85	5.872		
4,100.00	3,151.28	3,325.74	3,117.30	42.48	19.86	110.72	-1,717.72	-1,112.89	369.21	314.96	54.25	6.806		
4,200.00	3,207.63	3,409.38	3,187.48	44.00	20.76	114.89	-1,734.72	-1,155.11	424.15	368.69	55.46	7.648		
4,300.00	3,263.99	3,491.89	3,257.70	45.52	21.63	118.34	-1,751.47	-1,195.06	479.71	423.12	56.58	8.478		
4,400.00	3,320.34	3,571.24	3,325.34	47.04	22.47	121.04	-1,767.58	-1,233.27	536.16	478.53	57.62	9.304		
4,500.00	3,376.69	3,653.15	3,394.39	48.56	23.36	123.14	-1,784.68	-1,273.88	593.21	534.26	58.94	10.064		
4,600.00	3,433.05	3,741.75	3,469.12	50.08	24.32	125.02	-1,803.74	-1,317.48	650.14	589.58	60.56	10.735		
4,700.00	3,489.40	3,821.49	3,537.46	51.61	25.16	126.65	-1,821.06	-1,354.74	706.76	645.00	61.77	11.442		
4,800.00	3,545.75	3,897.22	3,601.94	53.13	25.97	127.90	-1,837.22	-1,391.02	764.24	701.32	62.93	12.145		
4,900.00	3,602.10	3,975.20	3,667.20	54.65	26.84	128.84	-1,853.84	-1,430.32	822.39	758.06	64.32	12.785		
5,000.00	3,658.46	4,060.65	3,737.89	56.18	27.82	129.60	-1,872.44	-1,474.59	880.51	814.41	66.11	13.319		
5,100.00	3,714.81	4,150.39	3,811.71	57.70	28.86	130.26	-1,892.70	-1,521.42	938.12	870.03	68.09	13.778		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	4,234.16	3,880.53	59.23	29.84	130.79	-1,912.08	-1,565.07	995.32	925.45	69.86	14.247		
5,300.00	3,827.51	4,322.55	3,953.23	60.75	30.88	131.31	-1,932.84	-1,610.85	1,052.24	980.45	71.79	14.657		
5,400.00	3,883.87	4,404.53	4,021.24	62.28	31.81	131.80	-1,952.27	-1,652.28	1,108.88	1,035.43	73.45	15.097		
5,500.00	3,940.22	4,484.05	4,088.95	63.80	32.66	132.43	-1,970.58	-1,689.75	1,165.73	1,090.85	74.88	15.569		
5,600.00	3,996.57	4,563.99	4,158.98	65.33	33.47	133.24	-1,988.33	-1,723.97	1,222.85	1,146.69	76.15	16.058		
5,700.00	4,052.93	4,644.64	4,229.00	66.86	34.29	133.91	-2,006.42	-1,759.64	1,280.08	1,202.57	77.51	16.515		
5,800.00	4,109.28	4,718.49	4,291.76	68.39	35.08	134.33	-2,023.04	-1,794.84	1,337.70	1,258.86	78.84	16.967		
5,900.00	4,165.63	4,795.65	4,357.22	69.91	35.91	134.71	-2,040.11	-1,831.93	1,395.71	1,315.42	80.29	17.383		
6,000.00	4,221.98	4,873.58	4,424.37	71.44	36.74	135.17	-2,056.97	-1,867.70	1,453.98	1,372.28	81.70	17.797		
6,100.00	4,278.34	4,961.25	4,498.93	72.97	37.70	135.55	-2,076.11	-1,909.64	1,512.32	1,428.85	83.46	18.119		
6,200.00	4,334.69	5,054.29	4,576.58	74.50	38.74	135.81	-2,097.40	-1,956.27	1,569.96	1,484.47	85.48	18.366		
6,300.00	4,391.04	5,133.63	4,644.14	76.03	39.61	136.12	-2,115.49	-1,993.71	1,627.49	1,540.48	87.01	18.704		
6,400.00	4,447.40	5,227.26	4,724.09	77.55	40.61	136.49	-2,137.09	-2,037.39	1,684.81	1,595.92	88.89	18.955		
6,500.00	4,503.75	5,301.96	4,786.67	79.08	41.46	136.67	-2,154.57	-2,074.23	1,742.04	1,651.65	90.39	19.273		
6,600.00	4,560.10	5,376.78	4,848.79	80.61	42.31	136.80	-2,171.87	-2,112.16	1,799.59	1,707.65	91.94	19.574		
6,700.00	4,616.45	5,471.67	4,928.12	82.14	43.40	136.99	-2,193.69	-2,159.44	1,857.25	1,763.22	94.02	19.753		
6,800.00	4,672.81	5,561.23	5,002.82	83.67	44.41	137.15	-2,215.17	-2,203.93	1,914.03	1,818.08	95.95	19.949		
6,900.00	4,729.16	5,640.17	5,069.74	85.20	45.28	137.36	-2,233.87	-2,241.39	1,970.96	1,873.46	97.50	20.215		
7,000.00	4,785.51	5,730.64	5,147.29	86.73	46.24	137.64	-2,255.26	-2,282.78	2,027.87	1,928.61	99.27	20.429		
7,100.00	4,841.86	5,817.35	5,222.16	88.26	47.14	137.95	-2,276.33	-2,321.11	2,084.16	1,983.28	100.88	20.660		
7,200.00	4,898.22	5,867.45	5,265.33	89.79	47.66	138.10	-2,288.06	-2,343.67	2,141.29	2,039.64	101.65	21.065		
7,300.00	4,954.57	5,920.47	5,310.84	91.32	48.22	138.24	-2,299.75	-2,368.23	2,199.60	2,097.10	102.50	21.459		
7,400.00	5,010.92	5,988.00	5,369.01	92.85	48.93	138.41	-2,313.81	-2,399.50	2,258.91	2,155.18	103.73	21.777		
7,500.00	5,067.28	6,027.76	5,403.38	94.38	49.35	138.52	-2,321.64	-2,417.90	2,319.06	2,214.82	104.24	22.248		
7,600.00	5,123.63	6,084.00	5,452.10	95.91	49.93	138.65	-2,332.04	-2,444.01	2,380.29	2,275.12	105.17	22.634		
7,700.00	5,179.98	6,173.74	5,529.11	97.44	50.89	138.82	-2,348.86	-2,486.89	2,441.40	2,334.36	107.03	22.810		
7,800.00	5,236.33	6,242.06	5,586.94	98.97	51.66	138.90	-2,361.86	-2,520.85	2,502.41	2,394.00	108.41	23.083		
7,900.00	5,292.69	6,485.58	5,791.47	100.50	54.40	139.12	-2,414.04	-2,642.15	2,561.65	2,447.26	114.40	22.393		
8,000.00	5,349.04	6,540.95	5,838.19	102.03	55.01	139.19	-2,427.20	-2,668.79	2,618.59	2,503.16	115.43	22.686		
8,100.00	5,405.39	6,641.82	5,923.59	103.56	56.13	139.33	-2,451.20	-2,716.81	2,675.63	2,558.07	117.55	22.761		
8,200.00	5,461.74	6,730.86	5,998.36	105.09	57.13	139.42	-2,473.02	-2,759.95	2,732.06	2,612.63	119.43	22.876		
8,300.00	5,518.10	6,919.68	6,157.96	106.62	59.21	139.69	-2,522.28	-2,847.94	2,787.38	2,663.91	123.47	22.575		
8,400.00	5,574.45	6,944.00	6,178.20	108.15	59.48	139.71	-2,529.22	-2,859.50	2,841.16	2,717.31	123.84	22.941		
8,500.00	5,630.80	7,004.25	6,228.52	109.68	60.15	139.77	-2,545.55	-2,888.32	2,895.67	2,770.64	125.03	23.160		
8,600.00	5,687.16	7,039.00	6,257.89	111.21	60.54	139.80	-2,554.04	-2,904.84	2,952.09	2,826.49	125.59	23.506		
8,700.00	5,743.51	7,073.64	6,287.36	112.75	60.91	139.85	-2,561.95	-2,921.24	3,009.82	2,883.71	126.12	23.866		
8,800.00	5,799.86	7,134.00	6,339.09	114.28	61.56	139.93	-2,574.78	-2,949.56	3,068.82	2,941.59	127.24	24.119		
8,900.00	5,856.21	7,207.44	6,402.15	115.81	62.35	140.03	-2,590.47	-2,983.78	3,127.87	2,999.21	128.66	24.311		
9,000.00	5,912.57	7,341.92	6,516.66	117.34	63.81	140.17	-2,620.97	-3,047.34	3,185.60	3,054.02	131.57	24.211		
9,100.00	5,968.92	7,394.60	6,561.54	118.87	64.38	140.23	-2,632.87	-3,072.22	3,243.65	3,111.12	132.54	24.474		
9,200.00	6,025.27	7,442.84	6,602.96	120.40	64.90	140.29	-2,643.34	-3,094.64	3,302.46	3,169.08	133.38	24.761		
9,300.00	6,081.63	7,486.89	6,640.69	121.93	65.37	140.34	-2,652.44	-3,115.46	3,362.13	3,228.01	134.12	25.069		
9,400.00	6,137.98	7,579.79	6,719.50	123.46	66.40	140.39	-2,670.95	-3,161.04	3,422.47	3,286.34	136.12	25.142		
9,500.00	6,194.33	7,679.17	6,800.28	125.00	67.64	140.33	-2,691.79	-3,214.91	3,481.87	3,343.30	138.57	25.127		
9,600.00	6,250.68	7,737.54	6,843.92	126.53	68.47	140.16	-2,703.91	-3,251.70	3,541.40	3,401.27	140.13	25.272		
9,700.00	6,307.04	7,802.00	6,888.02	128.06	69.46	139.86	-2,716.40	-3,296.99	3,601.76	3,459.67	142.09	25.348		
9,800.00	6,363.39	7,827.99	6,904.46	129.59	69.92	139.70	-2,721.13	-3,316.56	3,662.74	3,519.96	142.78	25.654		
9,900.00	6,419.74	7,872.36	6,930.50	131.12	70.70	139.39	-2,728.80	-3,351.64	3,724.58	3,580.37	144.22	25.826		
10,000.00	6,476.09	7,898.00	6,944.34	132.65	71.15	139.19	-2,732.99	-3,372.81	3,787.30	3,642.40	144.90	26.137		
10,100.00	6,532.45	7,941.90	6,966.45	134.18	71.99	138.81	-2,739.66	-3,410.14	3,850.89	3,704.45	146.44	26.296		
10,200.00	6,588.80	7,993.00	6,990.06	135.72	72.98	138.33	-2,746.53	-3,454.92	3,915.65	3,767.32	148.33	26.398		
10,300.00	6,645.15	7,993.00	6,990.06	137.25	72.98	138.33	-2,746.53	-3,454.92	3,981.13	3,833.27	147.87	26.924		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	8,032.22	7,006.36	138.78	73.77	137.93	-2,751.19	-3,490.28	4,047.64	3,898.38	149.26	27.119		
10,500.00	6,757.86	8,061.21	7,017.19	140.31	74.36	137.62	-2,754.33	-3,517.00	4,115.06	3,964.91	150.15	27.406		
10,600.00	6,813.28	8,089.00	7,026.58	141.87	74.92	127.84	-2,757.09	-3,543.00	4,181.89	4,030.94	150.94	27.705		
10,700.00	6,864.12	8,125.06	7,037.94	143.49	75.67	115.96	-2,760.34	-3,577.07	4,242.57	4,090.55	152.02	27.908		
10,800.00	6,908.67	8,184.00	7,055.72	145.14	76.91	106.70	-2,764.95	-3,633.07	4,295.10	4,140.97	154.12	27.868		
10,900.00	6,945.58	8,184.00	7,055.72	146.73	76.91	100.00	-2,764.95	-3,633.07	4,337.84	4,184.68	153.16	28.322		
11,000.00	6,973.71	8,243.78	7,069.85	148.22	78.18	95.25	-2,768.55	-3,691.01	4,369.62	4,214.41	155.21	28.153		
11,100.00	6,992.22	8,280.00	7,075.07	149.55	78.95	92.38	-2,770.12	-3,726.81	4,389.89	4,233.88	156.01	28.139		
11,200.00	7,000.54	8,323.25	7,079.08	150.69	79.87	91.20	-2,771.37	-3,769.85	4,398.00	4,240.81	157.19	27.979		
11,300.00	7,001.00	8,375.00	7,082.01	151.65	80.99	91.20	-2,771.98	-3,821.51	4,397.21	4,238.37	158.84	27.683		
11,400.00	7,001.00	8,548.24	7,080.69	152.64	84.74	91.18	-2,774.87	-3,994.67	4,395.37	4,228.40	166.97	26.324		
11,500.00	7,001.00	8,602.56	7,078.80	153.65	85.93	91.16	-2,776.04	-4,048.95	4,393.08	4,224.24	168.84	26.019		
11,600.00	7,001.00	8,661.00	7,077.01	154.69	87.22	91.14	-2,776.35	-4,107.36	4,392.15	4,221.19	170.96	25.692		
11,631.18	7,001.00	8,661.00	7,077.01	155.02	87.22	91.14	-2,776.35	-4,107.36	4,392.04	4,221.40	170.64	25.739		
11,700.00	7,001.00	8,726.39	7,074.81	155.76	88.67	91.11	-2,776.13	-4,172.71	4,392.11	4,218.64	173.48	25.318		
11,800.00	7,001.00	8,794.48	7,072.17	156.85	90.19	91.07	-2,775.78	-4,240.76	4,392.43	4,216.26	176.17	24.933		
11,900.00	7,001.00	8,852.00	7,071.43	157.98	91.48	91.06	-2,774.88	-4,298.26	4,393.78	4,215.45	178.33	24.639		
12,000.00	7,001.00	9,055.29	7,068.52	159.14	96.11	91.02	-2,772.30	-4,501.49	4,395.35	4,206.75	188.59	23.306		
12,100.00	7,001.00	9,165.41	7,068.15	160.32	98.68	91.02	-2,772.89	-4,611.61	4,394.64	4,200.86	193.78	22.679		
12,200.00	7,001.00	9,295.57	7,067.84	161.54	101.74	91.02	-2,773.98	-4,741.76	4,393.68	4,193.55	200.12	21.955		
12,300.00	7,001.00	9,376.55	7,066.94	162.78	103.66	91.00	-2,775.07	-4,822.73	4,392.19	4,188.43	203.77	21.555		
12,400.00	7,001.00	9,449.58	7,065.67	164.06	105.40	90.99	-2,775.35	-4,895.75	4,391.58	4,184.59	206.99	21.217		
12,500.00	7,001.00	9,578.19	7,063.74	165.36	108.49	90.96	-2,776.16	-5,024.33	4,390.73	4,177.37	213.36	20.579		
12,600.00	7,001.00	9,664.81	7,065.63	166.69	110.59	90.99	-2,776.98	-5,110.93	4,389.68	4,172.25	217.43	20.189		
12,700.00	7,001.00	9,744.73	7,066.90	168.05	112.54	91.00	-2,777.26	-5,190.84	4,389.17	4,168.04	221.14	19.848		
12,800.00	7,001.00	9,961.58	7,066.99	169.44	117.86	91.01	-2,780.13	-5,407.65	4,387.90	4,155.33	232.57	18.867		
12,900.00	7,001.00	10,043.26	7,065.45	170.86	119.87	90.99	-2,782.41	-5,489.28	4,384.95	4,148.51	236.43	18.546		
13,000.00	7,001.00	10,109.77	7,063.26	172.30	121.52	90.96	-2,783.68	-5,555.75	4,382.79	4,143.34	239.46	18.303		
13,100.00	7,001.00	10,198.39	7,062.23	173.78	123.72	90.94	-2,785.00	-5,644.34	4,381.12	4,137.38	243.74	17.974		
13,200.00	7,001.00	10,296.53	7,061.52	175.28	126.17	90.94	-2,786.36	-5,742.47	4,379.55	4,130.96	248.60	17.617		
13,300.00	7,001.00	10,381.00	7,059.61	176.80	128.28	90.91	-2,787.25	-5,826.91	4,378.29	4,125.60	252.68	17.327		
13,380.04	7,001.00	10,410.34	7,058.93	178.05	129.02	90.90	-2,787.34	-5,856.24	4,377.85	4,124.07	253.78	17.250		
13,400.00	7,001.00	10,418.37	7,058.81	178.36	129.22	90.90	-2,787.31	-5,864.28	4,377.88	4,123.78	254.09	17.229		
13,500.00	7,001.00	10,476.00	7,058.67	179.94	130.66	90.90	-2,786.49	-5,921.90	4,378.91	4,122.26	256.66	17.061		
13,600.00	7,001.00	10,538.14	7,058.87	181.55	132.22	90.90	-2,785.05	-5,984.02	4,380.89	4,121.41	259.48	16.883		
13,700.00	7,001.00	10,626.47	7,057.93	183.18	134.43	90.89	-2,782.99	-6,072.32	4,383.06	4,119.21	263.84	16.612		
13,800.00	7,001.00	10,827.53	7,058.74	184.84	139.51	90.90	-2,780.35	-6,273.31	4,384.14	4,109.36	274.79	15.955		
13,900.00	7,001.00	10,982.50	7,062.64	186.52	143.46	90.95	-2,781.20	-6,428.22	4,383.41	4,100.38	283.03	15.487		
14,000.00	7,001.00	11,050.00	7,063.47	188.23	145.19	90.96	-2,781.64	-6,495.71	4,382.61	4,096.34	286.27	15.309		
14,046.26	7,001.00	11,076.74	7,063.54	189.03	145.87	90.96	-2,781.65	-6,522.45	4,382.51	4,095.00	287.51	15.243		
14,100.00	7,001.00	11,109.27	7,063.41	189.97	146.71	90.96	-2,781.51	-6,554.98	4,382.64	4,093.61	289.03	15.163		
14,200.00	7,001.00	11,290.27	7,060.78	191.72	151.34	90.93	-2,780.78	-6,735.93	4,383.39	4,084.61	298.78	14.671		
14,300.00	7,001.00	11,432.00	7,063.53	193.50	155.00	90.96	-2,783.80	-6,877.57	4,380.95	4,074.66	306.28	14.304		
14,400.00	7,001.00	11,527.00	7,063.95	195.30	157.45	90.97	-2,785.79	-6,972.54	4,378.70	4,067.55	311.14	14.073		
14,500.00	7,001.00	11,599.93	7,062.72	197.13	159.34	90.95	-2,787.11	-7,045.45	4,376.72	4,061.97	314.75	13.905		
14,600.00	7,001.00	11,748.90	7,062.93	198.98	163.20	90.96	-2,789.97	-7,194.36	4,374.67	4,051.99	322.68	13.557		
14,700.00	7,001.00	11,847.88	7,065.55	200.85	165.78	90.99	-2,792.47	-7,293.26	4,372.03	4,044.23	327.80	13.337		
14,800.00	7,001.00	12,005.00	7,069.76	202.73	169.87	91.05	-2,797.62	-7,450.24	4,368.59	4,032.42	336.17	12.995		
14,900.00	7,001.00	12,043.99	7,070.67	204.64	170.89	91.06	-2,799.01	-7,489.20	4,365.14	4,027.18	337.96	12.916		
15,000.00	7,001.00	12,101.00	7,071.19	206.57	172.38	91.07	-2,799.48	-7,546.20	4,363.69	4,022.97	340.72	12.807		
15,100.00	7,001.00	12,323.17	7,071.30	208.52	178.18	91.07	-2,805.47	-7,768.25	4,361.00	4,008.25	352.75	12.363		
15,200.00	7,001.00	12,386.00	7,070.17	210.49	179.83	91.05	-2,807.96	-7,831.03	4,356.91	4,001.01	355.90	12.242		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,300.00	7,001.00	12,452.54	7,069.39	212.48	181.57	91.05	-2,810.06	-7,897.52	4,353.63	3,994.38	359.24	12.119		
15,400.00	7,001.00	12,481.00	7,069.56	214.48	182.32	91.05	-2,810.74	-7,925.98	4,351.50	3,991.09	360.41	12.074		
15,500.00	7,001.00	12,538.13	7,070.20	216.51	183.81	91.06	-2,811.36	-7,983.10	4,350.51	3,987.34	363.17	11.979		
15,511.05	7,001.00	12,542.32	7,070.24	216.73	183.92	91.06	-2,811.36	-7,987.29	4,350.51	3,987.15	363.35	11.973		
15,600.00	7,001.00	12,577.00	7,070.61	218.55	184.83	91.06	-2,811.08	-8,021.97	4,351.07	3,986.24	364.83	11.926		
15,700.00	7,001.00	12,620.55	7,071.16	220.60	185.97	91.07	-2,810.18	-8,065.50	4,352.98	3,986.25	366.72	11.870		
15,800.00	7,001.00	12,672.00	7,072.05	222.68	187.32	91.08	-2,808.43	-8,116.92	4,356.17	3,987.12	369.05	11.804		
15,900.00	7,001.00	12,845.85	7,074.78	224.76	191.87	91.11	-2,803.38	-8,290.66	4,358.91	3,980.15	378.77	11.508		
16,000.00	7,001.00	12,925.23	7,076.44	226.87	193.95	91.14	-2,801.87	-8,370.01	4,360.78	3,977.97	382.81	11.392		
16,100.00	7,001.00	13,009.38	7,078.08	228.99	196.16	91.16	-2,799.31	-8,454.10	4,363.64	3,976.51	387.13	11.272		
16,200.00	7,001.00	13,159.59	7,081.62	231.12	200.12	91.20	-2,795.88	-8,604.24	4,365.79	3,970.37	395.42	11.041		
16,300.00	7,001.00	13,243.00	7,081.77	233.27	202.31	91.20	-2,794.12	-8,687.62	4,367.71	3,968.00	399.71	10.927		
16,400.00	7,001.00	13,455.92	7,073.77	235.43	207.92	91.10	-2,792.47	-8,900.37	4,368.02	3,956.46	411.57	10.613		
16,500.00	7,001.00	13,603.70	7,065.57	237.61	211.81	90.99	-2,793.21	-9,047.91	4,367.41	3,947.88	419.53	10.410		
16,600.00	7,001.00	13,719.32	7,057.50	239.79	214.86	90.89	-2,795.15	-9,163.23	4,365.43	3,939.78	425.65	10.256		
16,700.00	7,001.00	13,816.00	7,050.92	242.00	217.41	90.80	-2,796.76	-9,259.68	4,363.49	3,932.77	430.72	10.131		
16,800.00	7,001.00	13,860.30	7,048.12	244.21	218.58	90.76	-2,797.21	-9,303.88	4,362.22	3,929.39	432.84	10.078		
16,900.00	7,001.00	14,137.13	7,028.26	246.43	225.89	90.50	-2,804.24	-9,579.84	4,359.18	3,911.36	447.82	9.734		
17,000.00	7,001.00	14,197.00	7,023.12	248.67	227.47	90.44	-2,806.55	-9,639.45	4,355.03	3,904.11	450.92	9.658		
17,100.00	7,001.00	14,368.95	7,007.96	250.92	232.01	90.24	-2,814.67	-9,810.52	4,349.80	3,889.83	459.97	9.457		
17,200.00	7,001.00	14,422.78	7,004.32	253.18	233.43	90.19	-2,817.26	-9,864.18	4,344.86	3,882.07	462.79	9.388		
17,300.00	7,001.00	14,483.00	6,999.63	255.45	235.03	90.13	-2,819.23	-9,924.18	4,341.24	3,875.33	465.90	9.318		
17,400.00	7,001.00	14,531.80	6,995.38	257.73	236.32	90.07	-2,820.31	-9,972.78	4,338.62	3,870.27	468.35	9.264		
17,500.00	7,001.00	14,706.35	6,978.24	260.02	240.92	89.84	-2,824.91	-10,146.41	4,336.01	3,858.36	477.65	9.078		
17,600.00	7,001.00	14,769.00	6,971.30	262.32	242.58	89.75	-2,827.37	-10,208.63	4,332.15	3,851.29	480.87	9.009		
17,700.00	7,001.00	14,832.75	6,964.47	264.63	244.26	89.66	-2,829.34	-10,271.99	4,329.15	3,845.04	484.12	8.942		
17,800.00	7,001.00	15,010.18	6,948.07	266.95	248.95	89.44	-2,834.24	-10,448.58	4,326.46	3,832.88	493.58	8.766		
17,900.00	7,001.00	15,084.66	6,943.14	269.28	250.93	89.38	-2,837.01	-10,522.84	4,322.67	3,825.20	497.47	8.689		
18,000.00	7,001.00	15,151.00	6,938.45	271.61	252.70	89.32	-2,838.82	-10,588.99	4,319.80	3,818.88	500.91	8.624		
18,100.00	7,001.00	15,266.47	6,928.31	273.96	255.76	89.18	-2,841.74	-10,703.97	4,317.23	3,810.21	507.02	8.515		
18,200.00	7,001.00	15,444.00	6,907.84	276.31	260.44	88.91	-2,850.04	-10,880.10	4,311.91	3,795.56	516.35	8.351		
18,300.00	7,001.00	15,444.00	6,907.84	278.67	260.44	88.91	-2,850.04	-10,880.10	4,308.34	3,792.11	516.23	8.346		
18,400.00	7,001.00	15,444.00	6,907.84	281.04	260.44	88.91	-2,850.04	-10,880.10	4,307.10	3,791.24	515.85	8.349		
18,404.45	7,001.00	15,444.00	6,907.84	281.15	260.44	88.91	-2,850.04	-10,880.10	4,307.09	3,791.26	515.83	8.350		
18,500.00	7,001.00	15,444.00	6,907.84	283.42	260.44	88.91	-2,850.04	-10,880.10	4,308.17	3,792.95	515.22	8.362		
18,600.00	7,001.00	15,444.00	6,907.84	285.80	260.44	88.91	-2,850.04	-10,880.10	4,311.56	3,797.23	514.33	8.383		
18,700.00	7,001.00	15,444.00	6,907.84	288.19	260.44	88.91	-2,850.04	-10,880.10	4,317.27	3,804.07	513.19	8.413		
18,800.00	7,001.00	15,444.00	6,907.84	290.59	260.44	88.91	-2,850.04	-10,880.10	4,325.28	3,813.47	511.81	8.451		
18,900.00	7,001.00	15,444.00	6,907.84	293.00	260.44	88.91	-2,850.04	-10,880.10	4,335.58	3,825.41	510.18	8.498		
19,000.00	7,001.00	15,444.00	6,907.84	295.41	260.44	88.91	-2,850.04	-10,880.10	4,348.16	3,839.85	508.31	8.554		
19,100.00	7,001.00	15,444.00	6,907.84	297.83	260.44	88.91	-2,850.04	-10,880.10	4,363.00	3,856.78	506.22	8.619		
19,200.00	7,001.00	15,444.00	6,907.84	300.25	260.44	88.91	-2,850.04	-10,880.10	4,380.07	3,876.17	503.90	8.692		
19,300.00	7,001.00	15,444.00	6,907.84	302.68	260.44	88.91	-2,850.04	-10,880.10	4,399.35	3,897.97	501.37	8.775		
19,400.00	7,001.00	15,444.00	6,907.84	305.12	260.44	88.91	-2,850.04	-10,880.10	4,420.80	3,922.16	498.64	8.866		
19,500.00	7,001.00	15,444.00	6,907.84	307.56	260.44	88.91	-2,850.04	-10,880.10	4,444.41	3,948.68	495.72	8.965		
19,600.00	7,001.00	15,444.00	6,907.84	310.01	260.44	88.91	-2,850.04	-10,880.10	4,470.12	3,977.50	492.62	9.074		
19,700.00	7,001.00	15,444.00	6,907.84	312.46	260.44	88.91	-2,850.04	-10,880.10	4,497.91	4,008.56	489.35	9.192		
19,800.00	7,001.00	15,444.00	6,907.84	314.92	260.44	88.91	-2,850.04	-10,880.10	4,527.74	4,041.82	485.92	9.318		
19,900.00	7,001.00	15,444.00	6,907.84	317.39	260.44	88.91	-2,850.04	-10,880.10	4,559.57	4,077.23	482.35	9.453		
20,000.00	7,001.00	15,444.00	6,907.84	319.85	260.44	88.91	-2,850.04	-10,880.10	4,593.36	4,114.72	478.64	9.597		
20,100.00	7,001.00	15,444.00	6,907.84	322.33	260.44	88.91	-2,850.04	-10,880.10	4,629.06	4,154.25	474.81	9.749		
20,200.00	7,001.00	15,444.00	6,907.84	324.81	260.44	88.91	-2,850.04	-10,880.10	4,666.63	4,195.76	470.87	9.911		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 36-T7N-R67W - ICE MAN 2W-15-2N - ORIGINAL WELLBORE - WB #1 - PATT 901												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 130-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,300.00	7,001.00	15,444.00	6,907.84	327.29	260.44	88.91	-2,850.04	-10,880.10	4,706.03	4,239.19	466.83	10.081	
20,400.00	7,001.00	15,444.00	6,907.84	329.78	260.44	88.91	-2,850.04	-10,880.10	4,747.20	4,284.49	462.71	10.260	
20,500.00	7,001.00	15,444.00	6,907.84	332.27	260.44	88.91	-2,850.04	-10,880.10	4,790.11	4,331.60	458.51	10.447	
20,600.00	7,001.00	15,444.00	6,907.84	334.77	260.44	88.91	-2,850.04	-10,880.10	4,834.71	4,380.47	454.24	10.643	
20,700.00	7,001.00	15,444.00	6,907.84	337.27	260.44	88.91	-2,850.04	-10,880.10	4,880.95	4,431.02	449.93	10.848	
20,800.00	7,001.00	15,444.00	6,907.84	339.77	260.44	88.91	-2,850.04	-10,880.10	4,928.78	4,483.22	445.56	11.062	
20,900.00	7,001.00	15,444.00	6,907.84	342.28	260.44	88.91	-2,850.04	-10,880.10	4,978.17	4,537.00	441.17	11.284	
21,000.00	7,001.00	15,444.00	6,907.84	344.79	260.44	88.91	-2,850.04	-10,880.10	5,029.05	4,592.31	436.74	11.515	
21,100.00	7,001.00	15,444.00	6,907.84	347.31	260.44	88.91	-2,850.04	-10,880.10	5,081.40	4,649.10	432.30	11.754	
21,200.00	7,001.00	15,444.00	6,907.84	349.83	260.44	88.91	-2,850.04	-10,880.10	5,135.16	4,707.30	427.86	12.002	
21,300.00	7,001.00	15,444.00	6,907.84	352.35	260.44	88.91	-2,850.04	-10,880.10	5,190.29	4,766.88	423.41	12.258	
21,369.95	7,001.00	15,444.00	6,907.84	354.12	260.44	88.91	-2,850.04	-10,880.10	5,229.65	4,809.35	420.29	12.443	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	88.48	88.47	0.27	0.13	-166.48	-1,355.72	-325.87	1,394.33	1,393.94	0.39	3,552.227		
200.00	199.98	190.76	190.75	0.62	0.40	-11.37	-1,356.03	-324.56	1,392.62	1,391.61	1.02	1,370.321		
300.00	299.84	302.92	302.90	0.97	0.79	-11.45	-1,355.56	-324.20	1,387.02	1,385.24	1.77	783.121		
400.00	399.45	401.60	401.58	1.34	1.14	-11.55	-1,354.47	-324.18	1,377.40	1,374.92	2.48	555.076		
500.00	498.70	500.82	500.80	1.74	1.49	-11.71	-1,353.61	-323.76	1,364.53	1,361.33	3.20	426.040		
600.00	597.47	588.21	588.18	2.17	1.80	-11.93	-1,353.28	-322.91	1,348.64	1,344.75	3.88	347.231		
700.00	695.62	677.70	677.67	2.62	2.12	-12.20	-1,353.64	-322.25	1,330.18	1,325.61	4.57	290.959		
800.00	793.06	763.62	763.58	3.12	2.41	-12.46	-1,354.37	-322.64	1,309.09	1,303.85	5.25	249.500		
900.00	889.64	850.94	850.87	3.65	2.70	-12.72	-1,355.61	-324.41	1,285.57	1,279.64	5.93	216.661		
1,000.00	985.27	934.47	934.35	4.23	2.99	-13.01	-1,357.32	-326.63	1,259.49	1,252.87	6.62	190.315		
1,100.00	1,079.82	1,013.90	1,013.63	4.85	3.27	-13.25	-1,359.48	-331.02	1,231.36	1,224.06	7.30	168.673		
1,200.00	1,173.17	1,082.00	1,081.47	5.52	3.51	-13.42	-1,361.79	-336.54	1,201.30	1,193.35	7.96	150.994		
1,300.00	1,265.21	1,176.00	1,174.82	6.24	3.85	-13.56	-1,366.12	-346.61	1,169.52	1,160.80	8.72	134.138		
1,400.00	1,355.84	1,251.09	1,249.20	7.01	4.13	-13.69	-1,370.40	-355.95	1,135.77	1,126.34	9.43	120.407		
1,500.00	1,444.84	1,318.44	1,315.80	7.83	4.39	-13.84	-1,374.84	-364.99	1,100.06	1,089.92	10.14	108.527		
1,600.00	1,532.39	1,383.80	1,380.06	8.70	4.66	-13.96	-1,380.77	-375.31	1,063.80	1,052.96	10.85	98.062		
1,700.00	1,618.11	1,462.00	1,456.67	9.62	4.98	-14.06	-1,388.95	-388.69	1,026.03	1,014.41	11.63	88.256		
1,800.00	1,701.97	1,531.13	1,524.08	10.59	5.29	-14.17	-1,397.23	-401.56	986.83	974.44	12.39	79.646		
1,900.00	1,783.88	1,600.51	1,591.30	11.62	5.61	-14.25	-1,406.99	-415.71	946.76	933.59	13.17	71.863		
2,000.00	1,863.74	1,675.73	1,663.78	12.69	5.98	-14.33	-1,418.87	-431.93	905.43	891.43	14.00	64.670		
2,100.00	1,941.45	1,762.00	1,746.15	13.81	6.43	-14.22	-1,432.44	-453.64	861.83	846.94	14.89	57.880		
2,200.00	2,016.92	1,832.39	1,812.42	14.98	6.84	-13.95	-1,443.59	-474.54	816.43	800.69	15.74	51.862		
2,300.00	2,090.05	1,904.15	1,878.93	16.19	7.29	-13.45	-1,455.87	-498.53	770.16	753.55	16.61	46.361		
2,400.00	2,160.76	1,975.88	1,944.42	17.45	7.77	-12.73	-1,468.82	-524.74	722.76	705.27	17.49	41.328		
2,500.00	2,228.95	2,048.00	2,009.09	18.76	8.30	-11.72	-1,482.78	-553.46	674.71	656.35	18.36	36.743		
2,600.00	2,294.55	2,108.27	2,062.08	20.11	8.79	-10.66	-1,495.60	-579.15	626.60	607.41	19.18	32.662		
2,700.00	2,357.48	2,174.78	2,119.39	21.50	9.35	-9.18	-1,511.35	-609.00	579.00	558.99	20.00	28.947		
2,800.00	2,417.66	2,246.17	2,179.77	22.94	10.00	-7.21	-1,529.68	-642.35	531.58	510.77	20.81	25.548		
2,900.00	2,475.05	2,335.20	2,254.98	24.41	10.84	-4.24	-1,553.16	-683.83	482.69	460.98	21.71	22.238		
3,000.00	2,531.40	2,424.46	2,331.17	25.89	11.69	-0.62	-1,576.39	-724.11	432.90	410.30	22.60	19.155		
3,100.00	2,587.75	2,512.45	2,407.04	27.39	12.52	3.67	-1,598.87	-762.58	383.53	359.98	23.55	16.286		
3,200.00	2,644.11	2,592.62	2,476.26	28.89	13.29	8.65	-1,618.88	-797.72	335.85	311.22	24.63	13.633		
3,300.00	2,700.46	2,676.26	2,547.92	30.39	14.11	15.56	-1,639.06	-835.85	291.95	265.69	26.26	11.116		
3,400.00	2,756.81	2,754.31	2,615.01	31.89	14.89	23.60	-1,657.85	-871.02	252.92	224.18	28.74	8.800		
3,500.00	2,813.17	2,828.62	2,677.41	33.40	15.66	33.06	-1,676.41	-906.83	224.89	192.33	32.56	6.907		
3,600.00	2,869.52	2,910.54	2,745.43	34.91	16.54	44.99	-1,697.15	-947.51	210.03	171.64	38.40	5.470		
3,658.80	2,902.65	2,961.67	2,787.99	35.80	17.10	52.83	-1,710.05	-972.74	207.71	165.24	42.48	4.890 CC		
3,700.00	2,925.87	2,997.39	2,817.91	36.42	17.48	58.34	-1,719.00	-990.08	208.86	163.56	45.30	4.611 ES		
3,800.00	2,982.22	3,084.05	2,891.19	37.93	18.40	71.32	-1,740.39	-1,031.08	220.84	169.58	51.26	4.309 SF		
3,900.00	3,038.58	3,167.02	2,961.64	39.45	19.27	82.36	-1,761.18	-1,069.67	244.77	189.62	55.15	4.438		
4,000.00	3,094.93	3,252.55	3,033.56	40.96	20.19	91.57	-1,784.04	-1,109.92	277.63	219.91	57.72	4.810		
4,100.00	3,151.28	3,338.66	3,106.33	42.48	21.10	99.14	-1,807.28	-1,149.68	315.90	256.43	59.47	5.312		
4,200.00	3,207.63	3,424.36	3,179.62	44.00	21.98	105.45	-1,829.89	-1,187.90	357.99	297.28	60.71	5.897		
4,300.00	3,263.99	3,510.61	3,254.49	45.52	22.85	110.90	-1,852.03	-1,224.52	402.81	341.14	61.67	6.531		
4,400.00	3,320.34	3,598.49	3,330.79	47.04	23.72	115.41	-1,875.41	-1,261.34	449.22	386.60	62.62	7.174		
4,500.00	3,376.69	3,682.72	3,403.35	48.56	24.57	118.82	-1,898.70	-1,297.23	496.86	433.36	63.50	7.825		
4,600.00	3,433.05	3,757.10	3,466.61	50.08	25.36	121.17	-1,919.10	-1,330.59	546.54	482.35	64.18	8.515		
4,700.00	3,489.40	3,839.25	3,536.20	51.61	26.23	123.29	-1,941.01	-1,368.36	597.90	532.63	65.27	9.160		
4,800.00	3,545.75	3,929.58	3,613.01	53.13	27.20	125.33	-1,965.19	-1,409.27	649.60	582.91	66.69	9.740		
4,900.00	3,602.10	4,018.62	3,687.75	54.65	28.17	126.88	-1,990.35	-1,450.60	700.75	632.56	68.18	10.277		
5,000.00	3,658.46	4,105.44	3,760.47	56.18	29.12	128.17	-2,015.22	-1,491.00	751.90	682.25	69.65	10.796		
5,100.00	3,714.81	4,194.50	3,834.93	57.70	30.11	129.30	-2,041.05	-1,532.49	803.00	731.78	71.22	11.275		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	4,284.59	3,910.06	59.23	31.11	130.30	-2,067.75	-1,574.40	853.73	780.88	72.86	11.718		
5,300.00	3,827.51	4,371.80	3,982.72	60.75	32.08	131.15	-2,093.92	-1,614.91	904.29	829.88	74.42	12.152		
5,400.00	3,883.87	4,455.31	4,052.93	62.28	32.98	131.96	-2,118.80	-1,652.68	955.00	879.18	75.82	12.596		
5,500.00	3,940.22	4,530.00	4,116.99	63.80	33.76	132.79	-2,140.40	-1,684.42	1,006.26	929.41	76.85	13.094		
5,600.00	3,996.57	4,604.66	4,181.73	65.33	34.51	133.61	-2,161.13	-1,715.28	1,058.54	980.71	77.83	13.600		
5,700.00	4,052.93	4,676.11	4,243.52	66.86	35.24	134.30	-2,180.21	-1,745.68	1,112.02	1,033.22	78.80	14.112		
5,800.00	4,109.28	4,752.45	4,308.88	68.39	36.04	134.87	-2,200.06	-1,779.76	1,166.44	1,086.44	80.00	14.580		
5,900.00	4,165.63	4,833.61	4,387.36	69.91	36.99	135.55	-2,223.66	-1,819.68	1,221.00	1,139.38	81.62	14.960		
6,000.00	4,221.98	4,917.51	4,474.89	71.44	38.12	136.07	-2,252.39	-1,867.70	1,274.27	1,190.54	83.73	15.219		
6,100.00	4,278.34	5,029.80	4,543.92	72.97	39.03	136.43	-2,275.64	-1,905.98	1,327.14	1,241.87	85.27	15.565		
6,200.00	4,334.69	5,104.00	4,607.07	74.50	39.83	136.81	-2,296.02	-1,939.19	1,380.59	1,294.08	86.51	15.959		
6,300.00	4,391.04	5,227.29	4,711.13	76.03	41.16	137.34	-2,331.52	-1,994.93	1,432.89	1,343.81	89.08	16.086		
6,400.00	4,447.40	5,314.03	4,784.26	77.55	42.11	137.69	-2,357.43	-2,033.71	1,484.34	1,393.66	90.67	16.370		
6,500.00	4,503.75	5,404.20	4,861.12	79.08	43.06	138.12	-2,384.47	-2,072.34	1,535.61	1,443.35	92.26	16.644		
6,600.00	4,560.10	5,489.76	4,934.70	80.61	43.93	138.55	-2,410.16	-2,107.66	1,586.82	1,493.16	93.67	16.941		
6,700.00	4,616.45	5,560.97	4,996.08	82.14	44.66	138.90	-2,431.31	-2,136.91	1,638.38	1,543.62	94.76	17.289		
6,800.00	4,672.81	5,624.80	5,050.54	83.67	45.33	139.14	-2,449.68	-2,164.67	1,690.92	1,595.16	95.76	17.658		
6,900.00	4,729.16	5,682.34	5,099.46	85.20	45.95	139.31	-2,465.46	-2,190.52	1,744.72	1,648.08	96.64	18.053		
7,000.00	4,785.51	5,751.83	5,158.77	86.73	46.68	139.52	-2,483.65	-2,221.83	1,799.61	1,701.79	97.82	18.397		
7,100.00	4,841.86	5,820.26	5,218.10	88.26	47.38	139.77	-2,501.15	-2,251.09	1,855.00	1,756.10	98.90	18.756		
7,200.00	4,898.22	5,892.00	5,280.65	89.79	48.10	140.04	-2,518.57	-2,281.58	1,911.43	1,811.39	100.05	19.106		
7,300.00	4,954.57	5,935.78	5,318.72	91.32	48.56	140.18	-2,528.69	-2,300.69	1,968.80	1,868.26	100.53	19.584		
7,400.00	5,010.92	6,013.61	5,385.50	92.85	49.38	140.34	-2,545.91	-2,336.75	2,027.22	1,925.22	102.00	19.875		
7,500.00	5,067.28	6,174.57	5,520.01	94.38	51.19	140.47	-2,585.96	-2,415.52	2,083.01	1,977.11	105.91	19.669		
7,600.00	5,123.63	6,262.31	5,594.13	95.91	52.16	140.60	-2,609.10	-2,456.38	2,137.87	2,030.20	107.66	19.857		
7,700.00	5,179.98	6,365.74	5,681.55	97.44	53.29	140.76	-2,636.86	-2,504.18	2,192.33	2,082.53	109.80	19.967		
7,800.00	5,236.33	6,433.77	5,738.97	98.97	54.04	140.86	-2,655.23	-2,535.69	2,246.65	2,135.59	111.06	20.229		
7,900.00	5,292.69	6,506.46	5,799.87	100.50	54.85	140.92	-2,674.38	-2,570.46	2,301.55	2,189.06	112.49	20.460		
8,000.00	5,349.04	6,588.89	5,868.85	102.03	55.79	140.98	-2,695.89	-2,610.13	2,356.67	2,242.48	114.19	20.637		
8,100.00	5,405.39	6,677.35	5,942.04	103.56	56.81	141.00	-2,719.14	-2,654.03	2,411.63	2,295.52	116.12	20.769		
8,200.00	5,461.74	6,752.00	6,003.96	105.09	57.67	141.03	-2,738.75	-2,690.82	2,466.62	2,348.95	117.67	20.962		
8,300.00	5,518.10	6,826.54	6,066.81	106.62	58.49	141.10	-2,758.07	-2,725.93	2,521.91	2,402.79	119.12	21.170		
8,400.00	5,574.45	6,924.69	6,150.73	108.15	59.54	141.26	-2,783.37	-2,770.09	2,577.32	2,456.25	121.07	21.288		
8,500.00	5,630.80	7,001.27	6,215.52	109.68	60.39	141.34	-2,803.43	-2,805.64	2,632.38	2,509.81	122.57	21.477		
8,600.00	5,687.16	7,079.57	6,280.63	111.21	61.28	141.36	-2,823.61	-2,844.16	2,687.78	2,563.58	124.20	21.641		
8,700.00	5,743.51	7,162.82	6,350.33	112.75	62.21	141.41	-2,845.12	-2,884.29	2,743.15	2,617.22	125.93	21.783		
8,800.00	5,799.86	7,229.00	6,406.71	114.28	62.93	141.49	-2,862.10	-2,914.50	2,798.70	2,671.55	127.15	22.012		
8,900.00	5,856.21	7,289.17	6,459.17	115.81	63.52	141.62	-2,877.11	-2,939.82	2,854.85	2,726.77	128.07	22.291		
9,000.00	5,912.57	7,325.00	6,491.10	117.34	63.87	141.73	-2,885.71	-2,953.62	2,911.94	2,783.53	128.41	22.677		
9,100.00	5,968.92	7,372.37	6,533.90	118.87	64.27	141.90	-2,896.44	-2,970.85	2,970.11	2,841.21	128.89	23.043		
9,200.00	6,025.27	7,420.00	6,577.45	120.40	64.67	142.09	-2,906.27	-2,987.46	3,029.64	2,900.29	129.35	23.421		
9,300.00	6,081.63	7,461.26	6,615.33	121.93	65.01	142.26	-2,914.32	-3,001.69	3,090.12	2,960.45	129.67	23.831		
9,400.00	6,137.98	7,534.44	6,682.21	123.46	65.63	142.52	-2,928.39	-3,027.84	3,151.06	3,020.39	130.66	24.116		
9,500.00	6,194.33	7,738.14	6,859.24	125.00	67.68	142.77	-2,970.86	-3,118.61	3,211.00	3,075.85	135.15	23.758		
9,600.00	6,250.68	7,802.00	6,913.56	126.53	68.38	142.81	-2,985.71	-3,148.71	3,268.71	3,132.34	136.38	23.969		
9,700.00	6,307.04	7,864.57	6,965.71	128.06	69.13	142.79	-2,999.87	-3,180.19	3,326.88	3,189.19	137.69	24.162		
9,800.00	6,363.39	8,036.56	7,087.20	129.59	71.67	142.02	-3,038.70	-3,294.65	3,383.61	3,240.27	143.34	23.605		
9,900.00	6,419.74	8,089.00	7,118.06	131.12	72.56	141.62	-3,049.61	-3,335.61	3,441.13	3,296.00	145.13	23.710		
10,000.00	6,476.09	8,089.00	7,118.06	132.65	72.56	141.62	-3,049.61	-3,335.61	3,499.56	3,354.81	144.75	24.177		
10,100.00	6,532.45	8,133.24	7,142.29	134.18	73.36	141.25	-3,057.79	-3,371.70	3,559.29	3,413.01	146.27	24.333		
10,200.00	6,588.80	8,184.00	7,168.33	135.72	74.28	140.79	-3,066.30	-3,414.43	3,620.16	3,472.05	148.11	24.442		
10,300.00	6,645.15	8,184.00	7,168.33	137.25	74.28	140.79	-3,066.30	-3,414.43	3,682.04	3,534.42	147.62	24.942		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	8,184.00	7,168.33	138.78	74.28	140.79	-3,066.30	-3,414.43	3,745.57	3,598.48	147.09	25.464		
10,500.00	6,757.86	8,225.94	7,187.61	140.31	75.08	140.37	-3,072.10	-3,451.21	3,809.70	3,661.12	148.58	25.641		
10,600.00	6,813.28	8,241.29	7,193.94	141.87	75.37	130.90	-3,073.80	-3,465.09	3,874.06	3,725.35	148.70	26.052		
10,700.00	6,864.12	8,279.00	7,207.75	143.49	76.09	119.06	-3,076.97	-3,500.02	3,933.35	3,783.61	149.74	26.267		
10,800.00	6,908.67	8,279.00	7,207.75	145.14	76.09	109.92	-3,076.97	-3,500.02	3,984.96	3,836.26	148.70	26.799		
10,900.00	6,945.58	8,412.63	7,234.07	146.73	78.79	102.58	-3,085.87	-3,630.33	4,026.71	3,872.09	154.63	26.041		
11,000.00	6,973.71	8,488.91	7,237.92	148.22	80.36	97.63	-3,090.36	-3,706.36	4,057.00	3,899.53	157.47	25.763		
11,100.00	6,992.22	8,578.09	7,240.15	149.55	82.22	94.63	-3,095.12	-3,795.38	4,075.28	3,914.29	160.99	25.313		
11,200.00	7,000.54	8,661.00	7,241.71	150.69	83.97	93.53	-3,100.01	-3,878.14	4,080.06	3,915.86	164.20	24.848		
11,300.00	7,001.00	8,707.47	7,242.19	151.65	84.95	93.55	-3,102.33	-3,924.54	4,076.00	3,910.56	165.44	24.638		
11,400.00	7,001.00	8,756.00	7,242.20	152.64	85.98	93.55	-3,103.27	-3,973.06	4,073.43	3,906.63	166.80	24.421		
11,500.00	7,001.00	8,947.00	7,240.68	153.65	90.09	93.53	-3,108.94	-4,163.93	4,070.54	3,894.34	176.20	23.102		
11,600.00	7,001.00	9,007.35	7,239.52	154.69	91.42	93.52	-3,112.09	-4,224.19	4,065.58	3,887.25	178.33	22.798		
11,700.00	7,001.00	9,078.73	7,237.55	155.76	92.99	93.49	-3,113.80	-4,295.51	4,062.71	3,881.59	181.11	22.432		
11,800.00	7,001.00	9,226.92	7,234.86	156.85	96.31	93.46	-3,118.94	-4,443.58	4,058.86	3,870.53	188.33	21.552		
11,900.00	7,001.00	9,234.00	7,234.69	157.98	96.47	93.46	-3,119.21	-4,450.65	4,055.82	3,868.32	187.50	21.631		
12,000.00	7,001.00	9,284.79	7,233.79	159.14	97.61	93.45	-3,120.26	-4,501.42	4,054.03	3,864.85	189.18	21.430		
12,033.95	7,001.00	9,293.78	7,233.69	159.54	97.81	93.45	-3,120.27	-4,510.41	4,053.93	3,864.66	189.27	21.419		
12,100.00	7,001.00	9,329.00	7,233.46	160.32	98.61	93.44	-3,119.77	-4,545.63	4,054.47	3,864.00	190.48	21.286		
12,200.00	7,001.00	9,446.81	7,236.56	161.54	101.28	93.49	-3,118.60	-4,663.37	4,055.54	3,859.37	196.17	20.674		
12,300.00	7,001.00	9,521.00	7,239.33	162.78	102.98	93.52	-3,117.91	-4,737.50	4,056.43	3,857.12	199.31	20.352		
12,400.00	7,001.00	9,571.27	7,240.56	164.06	104.14	93.54	-3,116.94	-4,787.75	4,058.18	3,857.14	201.04	20.186		
12,500.00	7,001.00	9,676.98	7,241.16	165.36	106.58	93.55	-3,114.26	-4,893.42	4,060.60	3,854.49	206.11	19.701		
12,600.00	7,001.00	9,761.08	7,240.48	166.69	108.53	93.54	-3,112.41	-4,977.50	4,062.63	3,852.72	209.91	19.354		
12,700.00	7,001.00	9,833.61	7,239.07	168.05	110.22	93.51	-3,110.09	-5,049.97	4,065.50	3,852.48	213.02	19.085		
12,800.00	7,001.00	9,958.05	7,237.69	169.44	113.14	93.49	-3,106.09	-5,174.34	4,068.51	3,849.19	219.32	18.551		
12,900.00	7,001.00	10,059.36	7,236.73	170.86	115.54	93.48	-3,103.53	-5,275.61	4,070.81	3,846.56	224.24	18.154		
13,000.00	7,001.00	10,130.74	7,237.75	172.30	117.24	93.49	-3,101.50	-5,346.96	4,073.60	3,846.22	227.37	17.916		
13,100.00	7,001.00	10,189.00	7,238.47	173.78	118.64	93.50	-3,099.36	-5,405.17	4,077.22	3,847.51	229.71	17.750		
13,200.00	7,001.00	10,667.00	7,243.44	175.28	130.34	93.57	-3,103.30	-5,882.64	4,074.41	3,817.14	257.27	15.837		
13,300.00	7,001.00	10,730.44	7,243.47	176.80	131.93	93.57	-3,106.12	-5,946.02	4,069.80	3,809.70	260.11	15.647		
13,400.00	7,001.00	10,906.02	7,241.97	178.36	136.33	93.56	-3,114.98	-6,121.36	4,064.43	3,794.97	269.45	15.084		
13,500.00	7,001.00	10,954.00	7,240.63	179.94	137.54	93.54	-3,117.56	-6,169.25	4,058.89	3,787.46	271.43	14.953		
13,600.00	7,001.00	11,241.00	7,239.74	181.55	144.80	93.55	-3,136.17	-6,455.52	4,052.96	3,765.88	287.08	14.118		
13,700.00	7,001.00	11,283.50	7,239.99	183.18	145.88	93.56	-3,140.50	-6,497.80	4,043.60	3,754.72	288.88	13.997		
13,800.00	7,001.00	11,337.00	7,239.61	184.84	147.24	93.55	-3,143.04	-6,551.23	4,037.53	3,746.26	291.27	13.862		
13,900.00	7,001.00	11,337.00	7,239.61	186.52	147.24	93.55	-3,143.04	-6,551.23	4,031.97	3,741.44	290.53	13.878		
14,000.00	7,001.00	11,351.05	7,239.41	188.23	147.60	93.55	-3,143.30	-6,565.28	4,028.87	3,738.37	290.50	13.869		
14,100.00	7,001.00	11,432.00	7,238.19	189.97	149.65	93.53	-3,145.43	-6,646.19	4,026.17	3,731.74	294.43	13.674		
14,200.00	7,001.00	11,493.96	7,237.66	191.72	151.23	93.53	-3,146.64	-6,708.13	4,024.34	3,727.13	297.22	13.540		
14,264.00	7,001.00	11,527.00	7,237.73	192.86	152.07	93.53	-3,146.60	-6,741.17	4,024.21	3,725.62	298.59	13.477		
14,300.00	7,001.00	11,540.29	7,237.79	193.50	152.40	93.53	-3,146.50	-6,754.46	4,024.36	3,725.32	299.03	13.458		
14,400.00	7,001.00	11,709.14	7,236.27	195.30	156.70	93.51	-3,147.07	-6,923.30	4,023.63	3,715.26	308.37	13.048		
14,500.00	7,001.00	11,776.07	7,235.79	197.13	158.41	93.50	-3,147.68	-6,990.22	4,022.63	3,711.15	311.48	12.915		
14,524.00	7,001.00	11,787.46	7,235.88	197.57	158.70	93.50	-3,147.69	-7,001.60	4,022.59	3,710.65	311.94	12.896		
14,600.00	7,001.00	11,837.74	7,236.75	198.98	159.99	93.52	-3,147.41	-7,051.87	4,022.91	3,708.66	314.26	12.801		
14,700.00	7,001.00	11,938.80	7,238.05	200.85	162.58	93.53	-3,146.84	-7,152.92	4,023.39	3,703.91	319.48	12.594		
14,800.00	7,001.00	12,061.80	7,237.38	202.73	165.73	93.52	-3,146.00	-7,275.92	4,023.91	3,697.85	326.06	12.341		
14,900.00	7,001.00	12,365.46	7,242.44	204.64	173.57	93.60	-3,152.79	-7,579.25	4,022.04	3,678.66	343.38	11.713		
15,000.00	7,001.00	12,386.00	7,243.36	206.57	174.11	93.62	-3,153.81	-7,599.74	4,017.83	3,673.94	343.90	11.683		
15,100.00	7,001.00	12,447.84	7,246.04	208.52	175.72	93.66	-3,155.98	-7,661.48	4,014.75	3,667.96	346.80	11.577		
15,200.00	7,001.00	12,492.13	7,247.94	210.49	176.87	93.68	-3,156.58	-7,705.73	4,013.41	3,664.80	348.61	11.513		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,300.00	7,001.00	12,576.00	7,251.14	212.48	179.04	93.73	-3,157.19	-7,789.54	4,012.79	3,659.97	352.82	11.373		
15,338.77	7,001.00	12,602.06	7,251.95	213.25	179.72	93.74	-3,157.28	-7,815.58	4,012.69	3,658.64	354.06	11.333		
15,400.00	7,001.00	12,634.78	7,252.76	214.48	180.57	93.75	-3,157.16	-7,848.30	4,012.91	3,657.43	355.48	11.289		
15,500.00	7,001.00	12,809.62	7,253.90	216.51	185.11	93.77	-3,156.93	-8,023.12	4,013.09	3,647.80	365.30	10.986		
15,600.00	7,001.00	12,912.33	7,252.47	218.55	187.79	93.75	-3,157.81	-8,125.82	4,011.98	3,641.30	370.68	10.823		
15,700.00	7,001.00	13,012.43	7,249.93	220.60	190.40	93.72	-3,158.79	-8,225.88	4,010.68	3,634.77	375.91	10.669		
15,800.00	7,001.00	13,082.38	7,249.55	222.68	192.22	93.71	-3,159.35	-8,295.83	4,009.72	3,630.41	379.30	10.571		
15,841.08	7,001.00	13,104.46	7,249.37	223.53	192.80	93.71	-3,159.36	-8,317.90	4,009.62	3,629.34	380.29	10.544		
15,900.00	7,001.00	13,148.00	7,248.74	224.76	193.93	93.70	-3,159.04	-8,361.43	4,009.86	3,627.43	382.42	10.485		
16,000.00	7,001.00	13,338.00	7,252.22	226.87	198.91	93.75	-3,161.40	-8,551.35	4,008.08	3,614.92	393.16	10.195		
16,100.00	7,001.00	13,403.29	7,254.14	228.99	200.62	93.78	-3,162.59	-8,616.60	4,006.42	3,610.11	396.30	10.109		
16,200.00	7,001.00	13,466.99	7,255.74	231.12	202.30	93.80	-3,162.83	-8,680.28	4,005.98	3,606.64	399.33	10.032		
16,221.28	7,001.00	13,484.82	7,256.18	231.58	202.76	93.81	-3,162.84	-8,698.10	4,005.97	3,605.73	400.24	10.009		
16,300.00	7,001.00	13,529.00	7,257.29	233.27	203.92	93.83	-3,162.79	-8,742.27	4,006.16	3,603.93	402.23	9.960		
16,400.00	7,001.00	13,588.30	7,258.49	235.43	205.48	93.84	-3,162.16	-8,801.55	4,007.34	3,602.41	404.93	9.896		
16,500.00	7,001.00	13,691.67	7,259.45	237.61	208.19	93.85	-3,159.98	-8,904.90	4,009.34	3,598.93	410.41	9.769		
16,600.00	7,001.00	13,945.26	7,257.44	239.79	214.86	93.83	-3,159.66	-9,158.45	4,009.30	3,584.15	425.15	9.430		
16,700.00	7,001.00	14,102.00	7,252.86	242.00	218.99	93.76	-3,164.40	-9,315.04	4,005.56	3,571.79	433.76	9.234		
16,800.00	7,001.00	14,141.64	7,251.43	244.21	220.03	93.75	-3,165.59	-9,354.63	4,002.58	3,567.11	435.47	9.191		
16,900.00	7,001.00	14,197.00	7,249.07	246.43	221.49	93.71	-3,165.30	-9,409.94	4,002.01	3,563.96	438.06	9.136		
16,933.11	7,001.00	14,197.00	7,249.07	247.17	221.49	93.71	-3,165.30	-9,409.94	4,001.88	3,564.10	437.78	9.141		
17,000.00	7,001.00	14,197.00	7,249.07	248.67	221.49	93.71	-3,165.30	-9,409.94	4,002.43	3,565.31	437.13	9.156		
17,100.00	7,001.00	14,422.39	7,240.82	250.92	227.43	93.59	-3,164.01	-9,635.12	4,002.69	3,552.51	450.18	8.891		
17,200.00	7,001.00	14,531.53	7,239.07	253.18	230.32	93.57	-3,164.91	-9,744.25	4,001.65	3,545.63	456.02	8.775		
17,300.00	7,001.00	14,627.03	7,237.65	255.45	232.84	93.55	-3,166.73	-9,839.72	3,999.51	3,538.46	461.05	8.675		
17,400.00	7,001.00	14,682.15	7,235.84	257.73	234.30	93.52	-3,167.05	-9,894.81	3,998.53	3,534.91	463.63	8.624		
17,500.00	7,001.00	14,769.00	7,232.51	260.02	236.60	93.48	-3,166.91	-9,981.60	3,998.29	3,530.16	468.13	8.541		
17,600.00	7,001.00	14,900.14	7,227.67	262.32	240.07	93.41	-3,167.73	-10,112.64	3,997.12	3,521.77	475.34	8.409		
17,671.89	7,001.00	14,936.26	7,226.04	263.98	241.03	93.39	-3,167.74	-10,148.73	3,996.80	3,519.83	476.97	8.380		
17,700.00	7,001.00	14,960.00	7,224.85	264.63	241.66	93.37	-3,167.56	-10,172.43	3,996.87	3,518.67	478.19	8.358		
17,800.00	7,001.00	14,991.80	7,222.96	266.95	242.49	93.34	-3,167.02	-10,204.18	3,997.91	3,518.69	479.22	8.343		
17,900.00	7,001.00	15,055.00	7,217.94	269.28	244.16	93.27	-3,164.70	-10,267.13	4,000.67	3,518.50	482.17	8.297		
18,000.00	7,001.00	15,259.43	7,198.04	271.61	249.53	92.98	-3,160.08	-10,470.52	4,002.37	3,508.30	494.06	8.101		
18,100.00	7,001.00	15,324.27	7,192.28	273.96	251.23	92.90	-3,159.19	-10,535.10	4,003.06	3,505.88	497.19	8.051		
18,200.00	7,001.00	15,550.01	7,174.41	276.31	257.20	92.64	-3,159.27	-10,760.11	4,002.40	3,492.24	510.16	7.845		
18,300.00	7,001.00	15,641.81	7,166.56	278.67	259.63	92.53	-3,160.47	-10,851.57	4,000.53	3,485.55	514.98	7.768		
18,400.00	7,001.00	15,669.00	7,164.22	281.04	260.35	92.50	-3,160.83	-10,878.66	3,999.33	3,483.43	515.90	7.752		
18,404.45	7,001.00	15,669.00	7,164.22	281.15	260.35	92.50	-3,160.83	-10,878.66	3,999.33	3,483.46	515.86	7.753		
18,500.00	7,001.00	15,669.00	7,164.22	283.42	260.35	92.50	-3,160.83	-10,878.66	4,000.53	3,485.61	514.92	7.769		
18,600.00	7,001.00	15,669.00	7,164.22	285.80	260.35	92.50	-3,160.83	-10,878.66	4,004.23	3,490.59	513.64	7.796		
18,700.00	7,001.00	15,669.00	7,164.22	288.19	260.35	92.50	-3,160.83	-10,878.66	4,010.43	3,498.35	512.08	7.832		
18,800.00	7,001.00	15,669.00	7,164.22	290.59	260.35	92.50	-3,160.83	-10,878.66	4,019.10	3,508.87	510.22	7.877		
18,900.00	7,001.00	15,669.00	7,164.22	293.00	260.35	92.50	-3,160.83	-10,878.66	4,030.23	3,522.14	508.10	7.932		
19,000.00	7,001.00	15,669.00	7,164.22	295.41	260.35	92.50	-3,160.83	-10,878.66	4,043.81	3,538.11	505.70	7.996		
19,100.00	7,001.00	15,669.00	7,164.22	297.83	260.35	92.50	-3,160.83	-10,878.66	4,059.81	3,556.76	503.05	8.070		
19,200.00	7,001.00	15,669.00	7,164.22	300.25	260.35	92.50	-3,160.83	-10,878.66	4,078.20	3,578.05	500.15	8.154		
19,300.00	7,001.00	15,669.00	7,164.22	302.68	260.35	92.50	-3,160.83	-10,878.66	4,098.94	3,601.93	497.01	8.247		
19,400.00	7,001.00	15,669.00	7,164.22	305.12	260.35	92.50	-3,160.83	-10,878.66	4,122.01	3,628.35	493.66	8.350		
19,500.00	7,001.00	15,669.00	7,164.22	307.56	260.35	92.50	-3,160.83	-10,878.66	4,147.36	3,657.26	490.09	8.462		
19,600.00	7,001.00	15,669.00	7,164.22	310.01	260.35	92.50	-3,160.83	-10,878.66	4,174.95	3,688.61	486.34	8.584		
19,700.00	7,001.00	15,669.00	7,164.22	312.46	260.35	92.50	-3,160.83	-10,878.66	4,204.74	3,722.34	482.41	8.716		
19,800.00	7,001.00	15,669.00	7,164.22	314.92	260.35	92.50	-3,160.83	-10,878.66	4,236.68	3,758.37	478.31	8.858		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 130-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
19,900.00	7,001.00	15,669.00	7,164.22	317.39	260.35	92.50	-3,160.83	-10,878.66	4,270.73	3,796.66	474.07	9.009	
20,000.00	7,001.00	15,669.00	7,164.22	319.85	260.35	92.50	-3,160.83	-10,878.66	4,306.83	3,837.14	469.69	9.170	
20,100.00	7,001.00	15,669.00	7,164.22	322.33	260.35	92.50	-3,160.83	-10,878.66	4,344.93	3,879.73	465.20	9.340	
20,200.00	7,001.00	15,669.00	7,164.22	324.81	260.35	92.50	-3,160.83	-10,878.66	4,384.98	3,924.38	460.60	9.520	
20,300.00	7,001.00	15,669.00	7,164.22	327.29	260.35	92.50	-3,160.83	-10,878.66	4,426.92	3,971.01	455.92	9.710	
20,400.00	7,001.00	15,669.00	7,164.22	329.78	260.35	92.50	-3,160.83	-10,878.66	4,470.71	4,019.56	451.16	9.909	
20,500.00	7,001.00	15,669.00	7,164.22	332.27	260.35	92.50	-3,160.83	-10,878.66	4,516.30	4,069.96	446.34	10.119	
20,600.00	7,001.00	15,669.00	7,164.22	334.77	260.35	92.50	-3,160.83	-10,878.66	4,563.61	4,122.14	441.47	10.337	
20,700.00	7,001.00	15,669.00	7,164.22	337.27	260.35	92.50	-3,160.83	-10,878.66	4,612.61	4,176.05	436.57	10.566	
20,800.00	7,001.00	15,669.00	7,164.22	339.77	260.35	92.50	-3,160.83	-10,878.66	4,663.24	4,231.61	431.64	10.804	
20,900.00	7,001.00	15,669.00	7,164.22	342.28	260.35	92.50	-3,160.83	-10,878.66	4,715.45	4,288.76	426.69	11.051	
21,000.00	7,001.00	15,669.00	7,164.22	344.79	260.35	92.50	-3,160.83	-10,878.66	4,769.18	4,347.44	421.74	11.308	
21,100.00	7,001.00	15,669.00	7,164.22	347.31	260.35	92.50	-3,160.83	-10,878.66	4,824.39	4,407.59	416.80	11.575	
21,200.00	7,001.00	15,669.00	7,164.22	349.83	260.35	92.50	-3,160.83	-10,878.66	4,881.02	4,469.15	411.87	11.851	
21,300.00	7,001.00	15,669.00	7,164.22	352.35	260.35	92.50	-3,160.83	-10,878.66	4,939.03	4,532.07	406.96	12.137	
21,369.95	7,001.00	15,669.00	7,164.22	354.12	260.35	92.50	-3,160.83	-10,878.66	4,980.40	4,576.86	403.54	12.342	



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design      Sec 36-T7N-R67W - ICE MAN 2W-15-4N - ORIGINAL WELLBORE - WB #1 - PATT 901													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	146.93	146.89	0.27	0.23	-167.36	-1,373.60	-308.11	1,408.92	1,408.43	0.49	2,872.688		
200.00	199.98	200.12	200.07	0.62	0.43	-12.18	-1,372.68	-308.13	1,405.18	1,404.13	1.05	1,340.506		
300.00	299.84	286.24	286.19	0.97	0.73	-12.24	-1,372.72	-308.22	1,400.07	1,398.38	1.70	824.277		
400.00	399.45	381.67	381.61	1.34	1.06	-12.32	-1,372.84	-308.90	1,391.84	1,389.44	2.40	580.747		
500.00	498.70	478.06	477.99	1.74	1.40	-12.41	-1,373.13	-310.47	1,380.57	1,377.46	3.11	444.302		
600.00	597.47	590.57	590.50	2.17	1.80	-12.58	-1,373.23	-311.87	1,365.66	1,361.78	3.88	351.657		
700.00	695.62	668.85	668.77	2.62	2.08	-12.78	-1,373.27	-312.47	1,347.29	1,342.75	4.53	297.113		
800.00	793.06	745.95	745.85	3.12	2.35	-13.03	-1,374.78	-312.95	1,327.31	1,322.13	5.19	255.848		
900.00	889.64	826.63	826.48	3.65	2.64	-13.34	-1,377.37	-313.81	1,305.35	1,299.49	5.86	222.632		
1,000.00	985.27	907.96	907.71	4.23	2.93	-13.62	-1,380.64	-316.50	1,281.31	1,274.75	6.55	195.532		
1,100.00	1,079.82	986.00	985.54	4.85	3.21	-13.87	-1,384.36	-320.66	1,255.13	1,247.89	7.24	173.283		
1,200.00	1,173.17	1,069.06	1,068.22	5.52	3.52	-14.10	-1,388.95	-327.15	1,226.89	1,218.93	7.97	154.009		
1,300.00	1,265.21	1,146.01	1,144.54	6.24	3.82	-14.25	-1,393.81	-335.65	1,196.77	1,188.09	8.68	137.827		
1,400.00	1,355.84	1,216.18	1,213.83	7.01	4.10	-14.36	-1,399.03	-345.37	1,165.06	1,155.67	9.39	124.060		
1,500.00	1,444.84	1,272.00	1,268.77	7.83	4.33	-14.48	-1,404.31	-353.74	1,132.47	1,122.41	10.06	112.588		
1,600.00	1,532.39	1,351.87	1,346.97	8.70	4.67	-14.57	-1,413.44	-367.15	1,098.74	1,087.90	10.84	101.347		
1,700.00	1,618.11	1,426.38	1,419.44	9.62	5.02	-14.63	-1,423.29	-381.38	1,063.86	1,052.24	11.62	91.543		
1,800.00	1,701.97	1,498.60	1,489.30	10.59	5.37	-14.67	-1,433.80	-396.40	1,027.46	1,015.04	12.42	82.756		
1,900.00	1,783.88	1,569.43	1,557.18	11.62	5.73	-14.65	-1,445.30	-412.99	990.02	976.80	13.22	74.886		
2,000.00	1,863.74	1,660.35	1,643.95	12.69	6.22	-14.55	-1,460.75	-435.33	950.45	936.31	14.13	67.242		
2,100.00	1,941.45	1,732.13	1,712.21	13.81	6.63	-14.53	-1,473.52	-453.47	908.71	893.72	14.99	60.632		
2,200.00	2,016.92	1,805.20	1,780.90	14.98	7.07	-14.40	-1,487.55	-474.03	865.86	849.99	15.86	54.579		
2,300.00	2,090.05	1,877.29	1,847.74	16.19	7.54	-14.11	-1,501.96	-496.84	821.65	804.90	16.75	49.058		
2,400.00	2,160.76	1,954.00	1,917.88	17.45	8.07	-13.66	-1,518.94	-522.86	776.89	759.22	17.67	43.977		
2,500.00	2,228.95	2,022.17	1,979.46	18.76	8.58	-13.17	-1,534.99	-547.31	730.98	712.42	18.56	39.393		
2,600.00	2,294.55	2,091.41	2,041.21	20.11	9.13	-12.48	-1,551.65	-573.81	683.67	664.22	19.45	35.155		
2,700.00	2,357.48	2,160.70	2,101.59	21.50	9.71	-11.51	-1,569.75	-602.59	636.38	616.07	20.32	31.323		
2,800.00	2,417.66	2,247.34	2,176.68	22.94	10.48	-10.01	-1,592.82	-639.12	587.23	565.97	21.26	27.626		
2,900.00	2,475.05	2,323.01	2,242.18	24.41	11.17	-8.51	-1,613.69	-670.75	536.25	514.13	22.12	24.245		
3,000.00	2,531.40	2,394.68	2,303.58	25.89	11.84	-6.66	-1,634.65	-701.18	486.40	463.48	22.92	21.225		
3,100.00	2,587.75	2,472.33	2,368.89	27.39	12.61	-4.12	-1,658.55	-735.74	439.46	415.77	23.69	18.548		
3,200.00	2,644.11	2,560.99	2,443.33	28.89	13.50	-0.69	-1,686.58	-774.90	394.17	369.62	24.54	16.062		
3,300.00	2,700.46	2,647.59	2,516.87	30.39	14.37	3.31	-1,713.41	-811.91	348.93	323.48	25.45	13.712		
3,400.00	2,756.81	2,722.56	2,579.43	31.89	15.14	7.67	-1,737.97	-845.13	307.95	281.54	26.41	11.658		
3,500.00	2,813.17	2,811.00	2,652.90	33.40	16.07	13.90	-1,767.95	-884.18	270.58	242.52	28.05	9.645		
3,600.00	2,869.52	2,894.26	2,721.70	34.91	16.97	21.52	-1,795.57	-922.04	237.85	207.23	30.63	7.767		
3,700.00	2,925.87	2,985.62	2,796.65	36.42	17.98	32.25	-1,824.83	-965.32	212.59	177.23	35.37	6.011		
3,800.00	2,982.22	3,068.06	2,864.72	37.93	18.89	43.52	-1,851.08	-1,003.70	196.12	154.40	41.71	4.702		
3,875.31	3,024.66	3,133.64	2,918.19	39.07	19.62	53.20	-1,871.93	-1,035.43	192.94	145.47	47.47	4.064 CC		
3,900.00	3,038.58	3,156.69	2,937.15	39.45	19.88	56.66	-1,879.16	-1,046.36	193.25	143.79	49.46	3.907 ES		
4,000.00	3,094.93	3,241.60	3,007.48	40.96	20.83	69.15	-1,905.56	-1,085.95	201.80	145.72	56.08	3.599 SF		
4,100.00	3,151.28	3,326.84	3,076.86	42.48	21.80	80.06	-1,932.57	-1,127.45	223.46	162.81	60.65	3.685		
4,200.00	3,207.63	3,419.66	3,153.43	44.00	22.83	90.17	-1,961.88	-1,170.94	252.04	188.03	64.01	3.937		
4,300.00	3,263.99	3,509.33	3,229.32	45.52	23.79	98.64	-1,989.58	-1,209.87	284.89	218.94	65.95	4.320		
4,400.00	3,320.34	3,592.63	3,299.16	47.04	24.70	104.79	-2,015.91	-1,246.82	322.59	255.63	66.96	4.818		
4,500.00	3,376.69	3,673.41	3,365.32	48.56	25.61	109.18	-2,041.90	-1,285.19	364.48	296.68	67.81	5.375		
4,600.00	3,433.05	3,763.95	3,439.97	50.08	26.64	113.29	-2,070.52	-1,327.66	408.32	339.23	69.09	5.910		
4,700.00	3,489.40	3,859.16	3,520.30	51.61	27.66	117.24	-2,100.44	-1,369.08	452.38	382.06	70.32	6.433		
4,800.00	3,545.75	3,931.69	3,581.71	53.13	28.43	119.79	-2,122.92	-1,400.46	497.99	427.34	70.65	7.049		
4,900.00	3,602.10	4,006.73	3,644.84	54.65	29.25	121.93	-2,144.74	-1,434.66	546.77	475.54	71.23	7.676		
5,000.00	3,658.46	4,090.72	3,714.66	56.18	30.19	123.77	-2,168.73	-1,474.70	597.18	524.77	72.41	8.248		
5,100.00	3,714.81	4,183.06	3,791.08	57.70	31.24	125.44	-2,196.03	-1,518.76	647.18	573.16	74.02	8.744		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	4,273.78	3,865.85	59.23	32.28	126.80	-2,223.55	-1,562.13	696.87	621.25	75.61	9.216		
5,300.00	3,827.51	4,366.38	3,942.33	60.75	33.33	128.04	-2,252.41	-1,605.65	745.92	668.65	77.27	9.653		
5,400.00	3,883.87	4,452.52	4,013.71	62.28	34.30	129.10	-2,279.44	-1,645.56	794.86	716.18	78.68	10.102		
5,500.00	3,940.22	4,533.70	4,082.47	63.80	35.18	130.20	-2,304.17	-1,680.93	844.31	764.53	79.79	10.582		
5,600.00	3,996.57	4,613.18	4,150.05	65.33	36.02	131.20	-2,327.84	-1,715.42	894.56	813.71	80.85	11.064		
5,700.00	4,052.93	4,699.29	4,222.75	66.86	36.95	132.08	-2,353.40	-1,753.83	945.29	863.06	82.22	11.497		
5,800.00	4,109.28	4,794.56	4,303.39	68.39	37.98	133.00	-2,382.04	-1,795.70	995.76	911.88	83.88	11.871		
5,900.00	4,165.63	4,891.87	4,385.00	69.91	39.04	133.77	-2,412.50	-1,839.05	1,045.34	959.70	85.64	12.206		
6,000.00	4,221.98	5,000.26	4,475.34	71.44	40.26	134.52	-2,447.91	-1,887.28	1,093.82	1,006.07	87.75	12.465		
6,100.00	4,278.34	5,095.20	4,551.95	72.97	41.38	134.87	-2,480.67	-1,932.78	1,141.05	1,051.33	89.72	12.718		
6,200.00	4,334.69	5,174.53	4,617.01	74.50	42.29	135.25	-2,507.84	-1,969.14	1,188.35	1,097.24	91.12	13.042		
6,300.00	4,391.04	5,264.69	4,692.25	76.03	43.30	135.78	-2,538.07	-2,008.55	1,236.16	1,143.44	92.71	13.333		
6,400.00	4,447.40	5,359.51	4,769.50	77.55	44.40	136.11	-2,570.69	-2,052.81	1,283.48	1,188.87	94.61	13.566		
6,500.00	4,503.75	5,451.00	4,844.40	79.08	45.45	136.45	-2,602.45	-2,094.66	1,330.47	1,234.10	96.37	13.805		
6,600.00	4,560.10	5,529.65	4,909.46	80.61	46.35	136.79	-2,629.69	-2,129.44	1,377.48	1,279.73	97.74	14.093		
6,700.00	4,616.45	5,586.59	4,956.29	82.14	47.00	136.97	-2,648.57	-2,155.77	1,426.00	1,327.40	98.60	14.463		
6,800.00	4,672.81	5,651.82	5,009.73	83.67	47.75	137.13	-2,669.07	-2,187.07	1,476.20	1,376.48	99.72	14.804		
6,900.00	4,729.16	5,722.00	5,068.35	85.20	48.54	137.37	-2,690.23	-2,219.31	1,527.44	1,426.55	100.89	15.140		
7,000.00	4,785.51	5,796.00	5,131.89	86.73	49.31	137.74	-2,711.74	-2,250.53	1,579.44	1,477.44	102.00	15.485		
7,100.00	4,841.86	5,854.99	5,183.39	88.26	49.89	138.09	-2,728.13	-2,274.17	1,632.48	1,529.85	102.63	15.907		
7,200.00	4,898.22	5,950.88	5,267.11	89.79	50.85	138.61	-2,753.91	-2,313.18	1,686.49	1,582.28	104.22	16.182		
7,300.00	4,954.57	6,032.25	5,336.67	91.32	51.72	138.92	-2,777.03	-2,348.47	1,739.32	1,633.72	105.61	16.469		
7,400.00	5,010.92	6,094.86	5,388.75	92.85	52.41	139.02	-2,794.12	-2,378.73	1,793.29	1,686.63	106.67	16.812		
7,500.00	5,067.28	6,189.78	5,468.60	94.38	53.47	139.22	-2,819.75	-2,423.16	1,847.53	1,738.90	108.62	17.008		
7,600.00	5,123.63	6,322.20	5,578.36	95.91	54.99	139.40	-2,857.88	-2,466.62	1,900.15	1,788.44	111.71	17.009		
7,700.00	5,179.98	6,405.50	5,645.04	97.44	56.00	139.37	-2,883.04	-2,529.74	1,951.67	1,838.08	113.59	17.182		
7,800.00	5,236.33	6,522.18	5,740.83	98.97	57.37	139.48	-2,918.32	-2,586.21	2,003.20	1,886.95	116.24	17.233		
7,900.00	5,292.69	6,638.63	5,837.23	100.50	58.69	139.69	-2,956.18	-2,639.37	2,052.29	1,933.63	118.67	17.295		
8,000.00	5,349.04	6,700.51	5,890.16	102.03	59.34	139.90	-2,975.89	-2,664.64	2,102.05	1,982.48	119.57	17.580		
8,100.00	5,405.39	6,775.49	5,954.62	103.56	60.12	140.15	-2,998.89	-2,695.26	2,152.85	2,032.10	120.75	17.829		
8,200.00	5,461.74	6,887.87	6,049.34	105.09	61.34	140.41	-3,034.62	-2,744.03	2,202.71	2,079.79	122.92	17.919		
8,300.00	5,518.10	6,966.56	6,114.76	106.62	62.22	140.52	-3,059.66	-2,779.88	2,252.69	2,128.28	124.42	18.106		
8,400.00	5,574.45	7,055.46	6,188.73	108.15	63.22	140.65	-3,087.93	-2,820.30	2,302.71	2,176.56	126.16	18.253		
8,500.00	5,630.80	7,141.20	6,260.83	109.68	64.16	140.81	-3,115.18	-2,857.84	2,352.73	2,224.98	127.74	18.418		
8,600.00	5,687.16	7,227.96	6,334.10	111.21	65.10	140.99	-3,142.74	-2,895.25	2,402.76	2,273.44	129.32	18.581		
8,700.00	5,743.51	7,294.19	6,389.77	112.75	65.83	141.10	-3,163.54	-2,924.48	2,453.15	2,322.68	130.47	18.803		
8,800.00	5,799.86	7,392.97	6,472.23	114.28	66.94	141.22	-3,194.17	-2,969.41	2,503.95	2,371.50	132.45	18.905		
8,900.00	5,856.21	7,458.62	6,527.11	115.81	67.67	141.30	-3,214.81	-2,998.95	2,554.41	2,420.79	133.62	19.117		
9,000.00	5,912.57	7,515.00	6,574.62	117.34	68.29	141.38	-3,231.70	-3,024.17	2,606.07	2,471.52	134.55	19.369		
9,100.00	5,968.92	7,567.18	6,618.91	118.87	68.85	141.46	-3,246.73	-3,047.30	2,658.73	2,523.39	135.34	19.644		
9,200.00	6,025.27	7,646.65	6,686.73	120.40	69.70	141.59	-3,269.08	-3,082.19	2,712.09	2,575.31	136.79	19.827		
9,300.00	6,081.63	7,733.02	6,759.75	121.93	70.63	141.70	-3,293.79	-3,121.13	2,765.03	2,626.59	138.44	19.973		
9,400.00	6,137.98	7,801.00	6,818.05	123.46	71.35	141.81	-3,312.53	-3,150.65	2,818.81	2,679.22	139.59	20.193		
9,500.00	6,194.33	7,801.00	6,818.05	125.00	71.35	141.81	-3,312.53	-3,150.65	2,873.75	2,734.68	139.07	20.664		
9,600.00	6,250.68	7,838.83	6,850.41	126.53	71.77	141.86	-3,322.04	-3,167.75	2,930.17	2,790.66	139.51	21.003		
9,700.00	6,307.04	7,860.84	6,868.82	128.06	72.02	141.86	-3,326.98	-3,178.75	2,988.41	2,848.88	139.53	21.418		
9,800.00	6,363.39	7,896.00	6,897.50	129.59	72.41	141.82	-3,333.94	-3,197.86	3,048.35	2,908.39	139.96	21.780		
9,900.00	6,419.74	7,896.00	6,897.50	131.12	72.41	141.82	-3,333.94	-3,197.86	3,109.62	2,970.37	139.25	22.331		
10,000.00	6,476.09	7,930.52	6,924.65	132.65	72.87	141.73	-3,339.81	-3,218.36	3,172.29	3,032.51	139.78	22.694		
10,100.00	6,532.45	7,955.26	6,943.42	134.18	73.19	141.65	-3,343.50	-3,234.04	3,236.27	3,096.30	139.97	23.121		
10,200.00	6,588.80	7,992.00	6,970.15	135.72	73.67	141.47	-3,348.20	-3,258.78	3,301.57	3,160.91	140.66	23.472		
10,300.00	6,645.15	8,016.03	6,986.87	137.25	74.03	141.34	-3,350.91	-3,275.83	3,367.84	3,226.92	140.92	23.900		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	8,342.94	7,140.67	138.78	79.86	137.91	-3,394.92	-3,556.86	3,432.01	3,275.21	156.80	21.887		
10,500.00	6,757.86	8,374.00	7,148.10	140.31	80.48	137.47	-3,399.72	-3,586.63	3,494.51	3,336.72	157.79	22.146		
10,600.00	6,813.28	8,374.00	7,148.10	141.87	80.48	128.50	-3,399.72	-3,586.63	3,557.08	3,400.11	156.97	22.661		
10,700.00	6,864.12	8,424.06	7,157.74	143.49	81.50	116.91	-3,406.53	-3,635.28	3,613.08	3,454.37	158.71	22.765		
10,800.00	6,908.67	8,469.00	7,163.94	145.14	82.42	107.92	-3,411.09	-3,679.54	3,661.98	3,502.02	159.96	22.893		
10,900.00	6,945.58	8,498.14	7,167.13	146.73	83.02	101.32	-3,413.63	-3,708.40	3,701.37	3,541.22	160.15	23.112		
11,000.00	6,973.71	8,564.00	7,173.76	148.22	84.37	96.64	-3,419.85	-3,773.62	3,729.19	3,566.84	162.35	22.970		
11,100.00	6,992.22	8,612.24	7,177.78	149.55	85.36	93.91	-3,423.87	-3,821.53	3,745.51	3,582.04	163.47	22.913		
11,200.00	7,000.54	8,660.00	7,180.72	150.69	86.35	92.90	-3,426.30	-3,869.13	3,750.80	3,586.26	164.54	22.796		
11,300.00	7,001.00	8,680.59	7,181.75	151.65	86.77	92.93	-3,426.97	-3,889.68	3,747.51	3,583.51	164.01	22.850		
11,400.00	7,001.00	8,755.00	7,185.13	152.64	88.29	92.99	-3,428.75	-3,963.99	3,745.10	3,578.39	166.71	22.465		
11,500.00	7,001.00	8,810.58	7,186.92	153.65	89.44	93.02	-3,429.53	-4,019.53	3,743.56	3,575.26	168.31	22.242		
11,600.00	7,001.00	8,954.99	7,186.98	154.69	92.44	93.02	-3,431.27	-4,163.93	3,742.35	3,567.01	175.34	21.343		
11,700.00	7,001.00	9,079.64	7,186.58	155.76	95.11	93.01	-3,434.57	-4,288.53	3,739.49	3,558.24	181.25	20.631		
11,800.00	7,001.00	9,163.57	7,185.86	156.85	96.92	93.01	-3,436.72	-4,372.43	3,736.72	3,552.00	184.72	20.229		
11,900.00	7,001.00	9,246.25	7,184.11	157.98	98.72	92.98	-3,438.40	-4,455.08	3,734.41	3,546.27	188.14	19.849		
12,000.00	7,001.00	9,331.67	7,182.47	159.14	100.60	92.96	-3,439.76	-4,540.46	3,732.55	3,540.78	191.77	19.464		
12,100.00	7,001.00	9,520.00	7,183.00	160.32	104.84	92.97	-3,445.83	-4,728.68	3,728.75	3,526.87	201.88	18.470		
12,200.00	7,001.00	9,586.14	7,182.49	161.54	106.34	92.96	-3,448.52	-4,794.75	3,724.71	3,520.30	204.41	18.222		
12,300.00	7,001.00	9,643.16	7,179.41	162.78	107.64	92.92	-3,449.62	-4,851.68	3,722.24	3,515.88	206.37	18.037		
12,400.00	7,001.00	9,983.38	7,170.79	164.06	115.56	92.80	-3,465.30	-5,191.16	3,718.12	3,492.16	225.96	16.454		
12,500.00	7,001.00	10,038.43	7,171.47	165.36	116.87	92.81	-3,470.16	-5,245.98	3,709.68	3,481.70	227.98	16.272		
12,600.00	7,001.00	10,093.00	7,171.87	166.69	118.17	92.82	-3,472.72	-5,300.48	3,704.04	3,474.08	229.97	16.107		
12,700.00	7,001.00	10,152.69	7,172.36	168.05	119.60	92.83	-3,475.60	-5,360.09	3,698.88	3,466.62	232.27	15.925		
12,800.00	7,001.00	10,232.12	7,173.02	169.44	121.50	92.84	-3,479.87	-5,439.40	3,693.56	3,457.74	235.82	15.663		
12,900.00	7,001.00	10,283.00	7,173.06	170.86	122.72	92.84	-3,481.11	-5,490.26	3,690.41	3,452.85	237.56	15.535		
13,000.00	7,001.00	10,407.58	7,173.46	172.30	125.71	92.85	-3,484.80	-5,614.78	3,687.37	3,443.35	244.02	15.111		
13,100.00	7,001.00	10,475.00	7,172.12	173.78	127.34	92.83	-3,486.34	-5,682.16	3,684.59	3,437.75	246.84	14.927		
13,200.00	7,001.00	10,521.76	7,170.42	175.28	128.47	92.81	-3,486.82	-5,728.89	3,682.82	3,434.50	248.32	14.831		
13,300.00	7,001.00	10,571.00	7,168.55	176.80	129.65	92.78	-3,487.35	-5,778.09	3,681.76	3,431.82	249.94	14.731		
13,334.45	7,001.00	10,601.76	7,167.30	177.34	130.39	92.76	-3,487.45	-5,808.83	3,681.55	3,430.15	251.40	14.644		
13,400.00	7,001.00	10,624.91	7,166.29	178.36	130.95	92.74	-3,487.21	-5,831.95	3,681.98	3,430.14	251.84	14.620		
13,500.00	7,001.00	10,666.00	7,164.35	179.94	131.93	92.71	-3,486.12	-5,872.98	3,684.10	3,431.24	252.87	14.569		
13,600.00	7,001.00	10,810.11	7,157.22	181.55	135.40	92.60	-3,482.89	-6,016.88	3,685.78	3,424.99	260.79	14.133		
13,700.00	7,001.00	10,889.64	7,153.97	183.18	137.33	92.55	-3,480.95	-6,096.31	3,687.83	3,423.41	264.42	13.947		
13,800.00	7,001.00	11,006.86	7,152.95	184.84	140.19	92.53	-3,478.40	-6,213.50	3,689.81	3,419.20	270.61	13.635		
13,900.00	7,001.00	11,104.88	7,152.04	186.52	142.60	92.52	-3,476.57	-6,311.50	3,691.46	3,415.94	275.53	13.398		
14,000.00	7,001.00	11,219.76	7,150.41	188.23	145.43	92.49	-3,474.32	-6,426.33	3,693.22	3,411.63	281.59	13.116		
14,100.00	7,001.00	11,320.94	7,150.97	189.97	147.94	92.50	-3,472.87	-6,527.51	3,694.51	3,407.76	286.76	12.884		
14,200.00	7,001.00	11,335.00	7,151.03	191.72	148.29	92.50	-3,472.66	-6,541.56	3,696.86	3,410.82	286.04	12.924		
14,300.00	7,001.00	11,431.00	7,150.71	193.50	150.67	92.49	-3,468.91	-6,637.48	3,700.58	3,409.70	290.87	12.722		
14,400.00	7,001.00	11,574.88	7,150.30	195.30	154.24	92.48	-3,464.21	-6,781.27	3,703.63	3,404.65	298.98	12.387		
14,500.00	7,001.00	11,908.00	7,151.61	197.13	162.68	92.50	-3,468.03	-7,114.21	3,700.60	3,381.20	319.40	11.586		
14,600.00	7,001.00	12,004.00	7,151.44	198.98	165.13	92.50	-3,471.40	-7,210.15	3,696.92	3,372.63	324.29	11.400		
14,700.00	7,001.00	12,071.88	7,151.20	200.85	166.87	92.50	-3,473.44	-7,277.99	3,693.75	3,366.36	327.39	11.283		
14,800.00	7,001.00	12,173.08	7,150.14	202.73	169.46	92.49	-3,475.82	-7,379.17	3,691.19	3,358.57	332.62	11.097		
14,900.00	7,001.00	12,289.00	7,147.72	204.64	172.43	92.45	-3,479.37	-7,495.00	3,687.83	3,349.03	338.80	10.885		
15,000.00	7,001.00	12,359.43	7,146.89	206.57	174.24	92.44	-3,481.46	-7,565.39	3,684.76	3,342.68	342.08	10.772		
15,100.00	7,001.00	12,497.62	7,147.81	208.52	177.80	92.46	-3,484.76	-7,703.54	3,682.38	3,332.67	349.71	10.530		
15,200.00	7,001.00	12,520.62	7,148.31	210.49	178.39	92.47	-3,485.08	-7,726.53	3,680.21	3,330.27	349.95	10.516		
15,300.00	7,001.00	12,575.00	7,150.38	212.48	179.79	92.50	-3,485.13	-7,780.87	3,679.83	3,327.68	352.15	10.450		
15,304.45	7,001.00	12,575.00	7,150.38	212.57	179.79	92.50	-3,485.13	-7,780.87	3,679.83	3,327.74	352.09	10.452		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec 36-T7N-R67W - ICE MAN 2W-15-4N - ORIGINAL WELLBORE - WB #1 - PATT 901		Offset Site Error: 0.00 usft	
Survey Program: 130-MWD OWSG													Offset Well Error: 0.00 usft			
Reference		Offset		Semi Major Axis		Distance								Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
15,400.00	7,001.00	12,618.37	7,152.70	214.48	180.91	92.53	-3,484.61	-7,824.18	3,680.77	3,327.20	353.57	10.410				
15,500.00	7,001.00	12,699.68	7,157.14	216.51	183.00	92.60	-3,483.27	-7,905.35	3,682.49	3,324.96	357.53	10.300				
15,600.00	7,001.00	12,792.43	7,162.50	218.55	185.38	92.68	-3,481.39	-7,997.92	3,684.62	3,322.36	362.26	10.171				
15,700.00	7,001.00	12,908.37	7,164.15	220.60	188.37	92.71	-3,479.02	-8,113.82	3,686.56	3,317.98	368.59	10.002				
15,800.00	7,001.00	13,023.93	7,163.09	222.68	191.35	92.69	-3,477.03	-8,229.35	3,688.07	3,313.19	374.87	9.838				
15,900.00	7,001.00	13,095.77	7,161.76	224.76	193.20	92.67	-3,475.78	-8,301.17	3,689.62	3,311.41	378.21	9.756				
16,000.00	7,001.00	13,308.38	7,159.84	226.87	198.72	92.64	-3,474.40	-8,513.70	3,689.95	3,298.99	390.96	9.438				
16,100.00	7,001.00	13,394.37	7,162.05	228.99	200.96	92.67	-3,474.94	-8,599.65	3,689.26	3,293.96	395.30	9.333				
16,200.00	7,001.00	13,679.87	7,165.12	231.12	208.43	92.73	-3,482.38	-8,884.93	3,687.28	3,275.02	412.27	8.944				
16,300.00	7,001.00	13,785.23	7,162.68	233.27	211.20	92.69	-3,488.37	-8,990.09	3,681.31	3,263.47	417.84	8.810				
16,400.00	7,001.00	13,936.76	7,159.08	235.43	215.18	92.64	-3,498.22	-9,141.26	3,674.39	3,248.23	426.16	8.622				
16,500.00	7,001.00	14,005.00	7,158.11	237.61	216.97	92.63	-3,502.17	-9,209.37	3,668.15	3,238.62	429.53	8.540				
16,600.00	7,001.00	14,005.00	7,158.11	239.79	216.97	92.63	-3,502.17	-9,209.37	3,663.18	3,234.51	428.67	8.545				
16,700.00	7,001.00	14,068.28	7,157.32	242.00	218.64	92.62	-3,504.38	-9,272.61	3,659.69	3,228.08	431.62	8.479				
16,800.00	7,001.00	14,100.00	7,156.78	244.21	219.47	92.61	-3,504.95	-9,304.32	3,657.91	3,225.44	432.47	8.458				
16,879.65	7,001.00	14,152.73	7,155.86	245.98	220.85	92.60	-3,505.21	-9,357.04	3,657.42	3,222.52	434.89	8.410				
16,900.00	7,001.00	14,162.75	7,155.70	246.43	221.12	92.60	-3,505.18	-9,367.06	3,657.44	3,222.16	435.28	8.402				
17,000.00	7,001.00	14,310.12	7,153.43	248.67	224.98	92.56	-3,504.46	-9,514.40	3,657.98	3,214.27	443.71	8.244				
17,078.94	7,001.00	14,352.06	7,152.35	250.44	226.08	92.54	-3,504.38	-9,556.33	3,657.76	3,212.31	445.45	8.211				
17,100.00	7,001.00	14,367.29	7,151.88	250.92	226.48	92.54	-3,504.32	-9,571.56	3,657.78	3,211.61	446.17	8.198				
17,200.00	7,001.00	14,520.17	7,146.95	253.18	230.50	92.46	-3,504.82	-9,724.34	3,657.11	3,202.16	454.96	8.038				
17,300.00	7,001.00	14,653.15	7,141.69	255.45	234.00	92.38	-3,506.73	-9,857.21	3,655.33	3,192.95	462.38	7.905				
17,400.00	7,001.00	14,746.49	7,137.74	257.73	236.46	92.32	-3,508.77	-9,950.44	3,652.84	3,185.59	467.25	7.818				
17,500.00	7,001.00	14,906.19	7,129.84	260.02	240.67	92.20	-3,512.98	-10,109.88	3,649.73	3,173.41	476.32	7.662				
17,600.00	7,001.00	14,986.06	7,124.79	262.32	242.78	92.12	-3,515.25	-10,189.56	3,646.46	3,166.11	480.35	7.591				
17,700.00	7,001.00	15,115.02	7,113.01	264.63	246.17	91.94	-3,518.85	-10,317.92	3,643.22	3,155.79	487.42	7.474				
17,800.00	7,001.00	15,245.00	7,101.08	266.95	249.59	91.75	-3,524.66	-10,447.22	3,638.07	3,143.54	494.53	7.357				
17,900.00	7,001.00	15,297.98	7,096.49	269.28	250.99	91.68	-3,526.99	-10,499.95	3,633.62	3,136.71	496.91	7.312				
18,000.00	7,001.00	15,340.00	7,092.60	271.61	252.09	91.62	-3,527.73	-10,541.78	3,631.20	3,132.69	498.51	7.284				
18,100.00	7,001.00	15,480.47	7,080.88	273.96	255.79	91.44	-3,530.59	-10,681.72	3,628.73	3,122.35	506.38	7.166				
18,200.00	7,001.00	15,567.20	7,073.17	276.31	258.08	91.31	-3,532.51	-10,768.09	3,626.12	3,115.30	510.82	7.099				
18,300.00	7,001.00	15,668.26	7,063.76	278.67	260.74	91.17	-3,534.68	-10,868.69	3,623.60	3,107.43	516.17	7.020				
18,395.96	7,001.00	15,673.00	7,063.31	280.95	260.87	91.16	-3,534.78	-10,873.40	3,622.33	3,107.03	515.30	7.030				
18,400.00	7,001.00	15,673.00	7,063.31	281.04	260.87	91.16	-3,534.78	-10,873.40	3,622.33	3,107.09	515.24	7.030				
18,500.00	7,001.00	15,673.00	7,063.31	283.42	260.87	91.16	-3,534.78	-10,873.40	3,623.82	3,110.16	513.66	7.055				
18,600.00	7,001.00	15,673.00	7,063.31	285.80	260.87	91.16	-3,534.78	-10,873.40	3,628.07	3,116.35	511.72	7.090				
18,700.00	7,001.00	15,673.00	7,063.31	288.19	260.87	91.16	-3,534.78	-10,873.40	3,635.07	3,125.64	509.43	7.136				
18,800.00	7,001.00	15,673.00	7,063.31	290.59	260.87	91.16	-3,534.78	-10,873.40	3,644.79	3,137.99	506.80	7.192				
18,900.00	7,001.00	15,673.00	7,063.31	293.00	260.87	91.16	-3,534.78	-10,873.40	3,657.23	3,153.38	503.85	7.259				
19,000.00	7,001.00	15,673.00	7,063.31	295.41	260.87	91.16	-3,534.78	-10,873.40	3,672.35	3,171.77	500.58	7.336				
19,100.00	7,001.00	15,673.00	7,063.31	297.83	260.87	91.16	-3,534.78	-10,873.40	3,690.12	3,193.11	497.01	7.425				
19,200.00	7,001.00	15,673.00	7,063.31	300.25	260.87	91.16	-3,534.78	-10,873.40	3,710.49	3,217.34	493.15	7.524				
19,300.00	7,001.00	15,673.00	7,063.31	302.68	260.87	91.16	-3,534.78	-10,873.40	3,733.44	3,244.40	489.04	7.634				
19,400.00	7,001.00	15,673.00	7,063.31	305.12	260.87	91.16	-3,534.78	-10,873.40	3,758.91	3,274.23	484.68	7.755				
19,500.00	7,001.00	15,673.00	7,063.31	307.56	260.87	91.16	-3,534.78	-10,873.40	3,786.84	3,306.74	480.10	7.888				
19,600.00	7,001.00	15,673.00	7,063.31	310.01	260.87	91.16	-3,534.78	-10,873.40	3,817.20	3,341.88	475.31	8.031				
19,700.00	7,001.00	15,673.00	7,063.31	312.46	260.87	91.16	-3,534.78	-10,873.40	3,849.91	3,379.56	470.35	8.185				
19,800.00	7,001.00	15,673.00	7,063.31	314.92	260.87	91.16	-3,534.78	-10,873.40	3,884.92	3,419.70	465.22	8.351				
19,900.00	7,001.00	15,673.00	7,063.31	317.39	260.87	91.16	-3,534.78	-10,873.40	3,922.17	3,462.22	459.95	8.527				
20,000.00	7,001.00	15,673.00	7,063.31	319.85	260.87	91.16	-3,534.78	-10,873.40	3,961.59	3,507.03	454.56	8.715				
20,100.00	7,001.00	15,673.00	7,063.31	322.33	260.87	91.16	-3,534.78	-10,873.40	4,003.13	3,554.05	449.07	8.914				
20,200.00	7,001.00	15,673.00	7,063.31	324.81	260.87	91.16	-3,534.78	-10,873.40	4,046.71	3,603.20	443.50	9.124				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 36-T7N-R67W - ICE MAN 2W-15-4N - ORIGINAL WELLBORE - WB #1 - PATT 901												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 130-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,300.00	7,001.00	15,673.00	7,063.31	327.29	260.87	91.16	-3,534.78	-10,873.40	4,092.27	3,654.40	437.87	9.346	
20,400.00	7,001.00	15,673.00	7,063.31	329.78	260.87	91.16	-3,534.78	-10,873.40	4,139.74	3,707.55	432.19	9.579	
20,500.00	7,001.00	15,673.00	7,063.31	332.27	260.87	91.16	-3,534.78	-10,873.40	4,189.06	3,762.59	426.48	9.822	
20,600.00	7,001.00	15,673.00	7,063.31	334.77	260.87	91.16	-3,534.78	-10,873.40	4,240.17	3,819.42	420.75	10.078	
20,700.00	7,001.00	15,673.00	7,063.31	337.27	260.87	91.16	-3,534.78	-10,873.40	4,293.00	3,877.98	415.02	10.344	
20,800.00	7,001.00	15,673.00	7,063.31	339.77	260.87	91.16	-3,534.78	-10,873.40	4,347.49	3,938.19	409.31	10.622	
20,900.00	7,001.00	15,673.00	7,063.31	342.28	260.87	91.16	-3,534.78	-10,873.40	4,403.58	3,999.96	403.61	10.910	
21,000.00	7,001.00	15,673.00	7,063.31	344.79	260.87	91.16	-3,534.78	-10,873.40	4,461.20	4,063.25	397.95	11.210	
21,100.00	7,001.00	15,673.00	7,063.31	347.31	260.87	91.16	-3,534.78	-10,873.40	4,520.30	4,127.96	392.33	11.522	
21,200.00	7,001.00	15,673.00	7,063.31	349.83	260.87	91.16	-3,534.78	-10,873.40	4,580.82	4,194.05	386.77	11.844	
21,300.00	7,001.00	15,673.00	7,063.31	352.35	260.87	91.16	-3,534.78	-10,873.40	4,642.71	4,261.44	381.26	12.177	
21,369.95	7,001.00	15,673.00	7,063.31	354.12	260.87	91.16	-3,534.78	-10,873.40	4,686.78	4,309.33	377.45	12.417	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	104.58	104.57	0.27	0.15	-168.32	-1,397.43	-288.90	1,427.06	1,426.65	0.42	3,428.551		
200.00	199.98	201.69	201.67	0.62	0.44	-13.20	-1,396.58	-287.49	1,424.22	1,423.16	1.06	1,346.360		
300.00	299.84	287.88	287.85	0.97	0.74	-13.28	-1,396.22	-287.22	1,418.67	1,416.96	1.71	828.663		
400.00	399.45	388.19	388.16	1.34	1.08	-13.35	-1,396.27	-288.32	1,410.45	1,408.03	2.42	582.763		
500.00	498.70	487.88	487.85	1.74	1.43	-13.47	-1,395.92	-289.63	1,398.51	1,395.37	3.14	445.799		
600.00	597.47	573.43	573.38	2.17	1.73	-13.64	-1,396.06	-290.52	1,383.66	1,379.85	3.81	363.206		
700.00	695.62	653.20	653.13	2.62	2.01	-13.80	-1,396.96	-292.46	1,366.68	1,362.21	4.47	305.880		
800.00	793.06	733.82	733.66	3.12	2.30	-13.96	-1,398.81	-295.59	1,347.75	1,342.61	5.14	262.305		
900.00	889.64	815.96	815.66	3.65	2.60	-14.14	-1,401.47	-299.55	1,326.61	1,320.78	5.82	227.777		
1,000.00	985.27	891.00	890.48	4.23	2.87	-14.32	-1,404.75	-304.30	1,303.54	1,297.05	6.50	200.696		
1,100.00	1,079.82	957.01	956.16	4.85	3.12	-14.49	-1,408.81	-309.49	1,279.19	1,272.04	7.15	179.001		
1,200.00	1,173.17	1,027.29	1,025.89	5.52	3.39	-14.67	-1,414.68	-316.08	1,253.89	1,246.06	7.83	160.193		
1,300.00	1,265.21	1,103.23	1,100.96	6.24	3.69	-14.84	-1,422.10	-324.70	1,227.07	1,218.52	8.55	143.594		
1,400.00	1,355.84	1,176.00	1,172.73	7.01	3.99	-15.02	-1,430.11	-333.70	1,198.46	1,189.19	9.27	129.317		
1,500.00	1,444.84	1,249.64	1,245.02	7.83	4.31	-15.18	-1,439.32	-344.27	1,168.42	1,158.40	10.02	116.661		
1,600.00	1,532.39	1,323.25	1,316.75	8.70	4.65	-15.29	-1,449.73	-357.10	1,137.21	1,126.43	10.78	105.466		
1,700.00	1,618.11	1,394.75	1,385.99	9.62	4.99	-15.37	-1,460.75	-371.07	1,104.50	1,092.93	11.56	95.508		
1,800.00	1,701.97	1,462.00	1,450.52	10.59	5.34	-15.40	-1,472.44	-385.96	1,070.92	1,058.58	12.35	86.740		
1,900.00	1,783.88	1,535.39	1,520.33	11.62	5.74	-15.39	-1,486.46	-403.75	1,036.28	1,023.09	13.18	78.609		
2,000.00	1,863.74	1,616.10	1,596.48	12.69	6.22	-15.31	-1,502.90	-424.83	1,000.09	986.02	14.07	71.062		
2,100.00	1,941.45	1,695.45	1,671.16	13.81	6.70	-15.26	-1,519.52	-445.85	961.50	946.52	14.98	64.191		
2,200.00	2,016.92	1,762.00	1,733.26	14.98	7.13	-15.26	-1,534.82	-464.25	921.96	906.12	15.84	58.210		
2,300.00	2,090.05	1,834.79	1,800.32	16.19	7.63	-15.16	-1,552.81	-486.09	881.53	864.77	16.75	52.616		
2,400.00	2,160.76	1,907.53	1,866.35	17.45	8.17	-14.94	-1,571.62	-510.12	839.92	822.24	17.68	47.503		
2,500.00	2,228.95	1,983.02	1,933.94	18.76	8.76	-14.59	-1,592.19	-536.72	797.18	778.55	18.63	42.784		
2,600.00	2,294.55	2,061.27	2,003.22	20.11	9.40	-14.10	-1,614.04	-565.79	752.73	733.13	19.60	38.400		
2,700.00	2,357.48	2,131.13	2,064.14	21.50	10.01	-13.55	-1,634.48	-593.18	707.24	686.72	20.53	34.456		
2,800.00	2,417.66	2,200.01	2,122.97	22.94	10.66	-12.80	-1,655.70	-622.04	661.27	639.84	21.43	30.851		
2,900.00	2,475.05	2,283.06	2,192.21	24.41	11.47	-11.44	-1,682.12	-659.54	614.70	592.32	22.38	27.470		
3,000.00	2,531.40	2,367.91	2,263.52	25.89	12.33	-9.69	-1,708.67	-697.06	566.68	543.38	23.29	24.328		
3,100.00	2,587.75	2,441.85	2,324.96	27.39	13.08	-7.98	-1,733.55	-729.81	521.25	497.15	24.10	21.625		
3,200.00	2,644.11	2,540.39	2,407.61	28.89	14.10	-5.44	-1,766.40	-772.23	475.57	450.55	25.02	19.009		
3,300.00	2,700.46	2,610.10	2,465.59	30.39	14.82	-3.34	-1,790.60	-802.41	432.03	406.31	25.72	16.794		
3,400.00	2,756.81	2,709.85	2,548.21	31.89	15.88	0.15	-1,826.47	-845.26	390.42	363.78	26.64	14.654		
3,500.00	2,813.17	2,784.61	2,610.34	33.40	16.68	3.22	-1,853.60	-876.76	349.81	322.38	27.43	12.752		
3,600.00	2,869.52	2,869.83	2,679.57	34.91	17.61	7.46	-1,886.50	-914.00	313.72	285.22	28.51	11.006		
3,700.00	2,925.87	2,964.06	2,756.39	36.42	18.65	13.13	-1,922.95	-954.63	279.53	249.32	30.21	9.253		
3,800.00	2,982.22	3,054.68	2,831.12	37.93	19.65	19.81	-1,957.47	-992.49	246.84	214.08	32.76	7.535		
3,900.00	3,038.58	3,147.23	2,907.40	39.45	20.65	29.05	-1,990.63	-1,033.08	218.88	181.71	37.18	5.888		
4,000.00	3,094.93	3,236.56	2,982.51	40.96	21.61	40.11	-2,021.09	-1,070.62	195.54	151.71	43.82	4.462		
4,100.00	3,151.28	3,321.52	3,053.34	42.48	22.53	52.48	-2,049.56	-1,107.94	184.07	131.86	52.20	3.526		
4,146.69	3,177.59	3,363.87	3,088.76	43.19	22.99	58.98	-2,063.60	-1,126.41	182.81	126.45	56.36	3.243 CC		
4,200.00	3,207.63	3,409.45	3,127.04	44.00	23.49	65.99	-2,078.61	-1,146.08	184.66	124.11	60.55	3.050 ES		
4,300.00	3,263.99	3,493.07	3,196.48	45.52	24.40	77.99	-2,106.28	-1,183.56	199.13	132.88	66.24	3.006 SF		
4,400.00	3,320.34	3,582.58	3,271.78	47.04	25.37	89.43	-2,134.64	-1,222.75	223.53	153.69	69.84	3.201		
4,500.00	3,376.69	3,665.15	3,341.30	48.56	26.25	98.07	-2,160.42	-1,259.08	256.10	184.88	71.22	3.596		
4,600.00	3,433.05	3,753.96	3,416.04	50.08	27.21	105.42	-2,188.09	-1,298.24	293.98	221.78	72.20	4.072		
4,700.00	3,489.40	3,844.75	3,493.37	51.61	28.16	111.61	-2,216.34	-1,336.52	334.49	261.63	72.86	4.591		
4,800.00	3,545.75	3,932.81	3,567.59	53.13	29.11	116.15	-2,245.18	-1,374.13	376.52	303.10	73.42	5.129		
4,900.00	3,602.10	4,019.25	3,639.27	54.65	30.08	119.43	-2,274.28	-1,412.69	420.10	345.96	74.15	5.666		
5,000.00	3,658.46	4,110.92	3,713.42	56.18	31.15	121.82	-2,306.21	-1,456.10	464.52	389.05	75.47	6.155		
5,100.00	3,714.81	4,203.16	3,787.07	57.70	32.26	123.63	-2,339.65	-1,500.43	508.41	431.42	77.00	6.603		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	4,298.00	3,862.30	59.23	33.41	125.11	-2,374.67	-1,546.34	552.14	473.41	78.73	7.013		
5,300.00	3,827.51	4,398.16	3,941.28	60.75	34.64	126.40	-2,413.17	-1,594.41	594.66	513.94	80.72	7.367		
5,400.00	3,883.87	4,491.81	4,015.35	62.28	35.77	127.52	-2,450.17	-1,638.19	636.08	553.69	82.39	7.720		
5,500.00	3,940.22	4,575.17	4,083.06	63.80	36.73	128.69	-2,482.26	-1,674.68	677.99	594.49	83.50	8.120		
5,600.00	3,996.57	4,652.03	4,147.75	65.33	37.56	130.00	-2,510.06	-1,705.51	721.52	637.37	84.16	8.574		
5,700.00	4,052.93	4,728.42	4,212.90	66.86	38.35	131.26	-2,536.23	-1,735.61	766.98	682.23	84.75	9.050		
5,800.00	4,109.28	4,835.09	4,302.97	68.39	39.49	132.71	-2,573.74	-1,778.70	812.14	725.77	86.37	9.403		
5,900.00	4,165.63	4,929.71	4,380.36	69.91	40.57	133.53	-2,608.84	-1,820.30	856.30	768.34	87.96	9.735		
6,000.00	4,221.98	5,020.44	4,454.33	71.44	41.62	134.22	-2,643.01	-1,860.19	900.05	810.55	89.49	10.057		
6,100.00	4,278.34	5,093.03	4,513.21	72.97	42.47	134.66	-2,669.78	-1,893.13	944.77	854.21	90.56	10.432		
6,200.00	4,334.69	5,172.72	4,577.77	74.50	43.40	135.05	-2,698.21	-1,930.20	990.80	898.88	91.92	10.779		
6,300.00	4,391.04	5,268.22	4,657.30	76.03	44.45	135.74	-2,731.64	-1,971.14	1,037.15	943.63	93.51	11.091		
6,400.00	4,447.40	5,344.89	4,722.53	77.55	45.26	136.44	-2,758.47	-2,001.19	1,083.26	988.87	94.39	11.477		
6,500.00	4,503.75	5,410.23	4,778.36	79.08	45.95	136.98	-2,780.23	-2,027.23	1,131.09	1,036.10	94.99	11.907		
6,600.00	4,560.10	5,486.00	4,841.99	80.61	46.77	137.39	-2,804.11	-2,060.68	1,180.90	1,084.79	96.10	12.288		
6,700.00	4,616.45	5,548.31	4,893.88	82.14	47.46	137.63	-2,822.98	-2,089.57	1,231.89	1,134.98	96.91	12.711		
6,800.00	4,672.81	5,658.05	4,984.99	83.67	48.72	137.99	-2,856.58	-2,140.66	1,282.91	1,183.61	99.31	12.919		
6,900.00	4,729.16	5,744.60	5,055.26	85.20	49.73	138.14	-2,884.50	-2,182.76	1,332.46	1,231.38	101.08	13.182		
7,000.00	4,785.51	5,840.96	5,135.55	86.73	50.81	138.48	-2,915.29	-2,226.21	1,382.17	1,279.22	102.94	13.426		
7,100.00	4,841.86	5,921.72	5,203.76	88.26	51.67	138.84	-2,941.46	-2,260.64	1,431.36	1,327.16	104.21	13.736		
7,200.00	4,898.22	5,988.00	5,260.88	89.79	52.36	139.22	-2,962.22	-2,287.07	1,481.47	1,376.50	104.96	14.114		
7,300.00	4,954.57	6,052.22	5,317.02	91.32	52.98	139.63	-2,981.42	-2,311.63	1,532.82	1,427.25	105.58	14.519		
7,400.00	5,010.92	6,213.66	5,457.72	92.85	54.58	140.56	-3,030.97	-2,373.29	1,584.11	1,475.57	108.54	14.595		
7,500.00	5,067.28	6,338.33	5,563.25	94.38	55.90	141.08	-3,074.98	-2,422.94	1,630.59	1,519.84	110.75	14.723		
7,600.00	5,123.63	6,419.84	5,630.83	95.91	56.79	141.29	-3,104.31	-2,457.83	1,676.73	1,564.59	112.13	14.953		
7,700.00	5,179.98	6,489.42	5,689.64	97.44	57.54	141.54	-3,128.79	-2,485.81	1,723.61	1,610.47	113.13	15.235		
7,800.00	5,236.33	6,561.00	5,750.56	98.97	58.29	141.79	-3,152.97	-2,514.59	1,771.74	1,657.59	114.16	15.520		
7,900.00	5,292.69	6,606.88	5,789.75	100.50	58.77	141.94	-3,167.78	-2,533.28	1,821.20	1,706.62	114.58	15.895		
8,000.00	5,349.04	6,663.46	5,838.34	102.03	59.36	142.12	-3,185.16	-2,556.49	1,872.24	1,757.00	115.24	16.246		
8,100.00	5,405.39	6,757.54	5,918.74	103.56	60.34	142.37	-3,213.65	-2,596.16	1,923.73	1,806.81	116.92	16.454		
8,200.00	5,461.74	6,901.66	6,038.38	105.09	61.97	142.50	-3,259.00	-2,662.45	1,974.40	1,854.21	120.19	16.427		
8,300.00	5,518.10	6,998.20	6,117.99	106.62	63.06	142.61	-3,291.96	-2,705.95	2,022.30	1,900.19	122.11	16.561		
8,400.00	5,574.45	7,068.67	6,178.32	108.15	63.79	142.82	-3,315.36	-2,733.85	2,071.12	1,948.00	123.12	16.822		
8,500.00	5,630.80	7,272.85	6,354.63	109.68	65.82	143.62	-3,387.49	-2,807.00	2,118.26	1,991.78	126.48	16.747		
8,600.00	5,687.16	7,324.00	6,397.28	111.21	66.37	143.73	-3,406.91	-2,827.49	2,162.97	2,035.77	127.20	17.004		
8,700.00	5,743.51	7,382.94	6,446.34	112.75	67.02	143.82	-3,428.43	-2,852.06	2,209.02	2,080.90	128.12	17.242		
8,800.00	5,799.86	7,420.00	6,477.26	114.28	67.43	143.87	-3,441.18	-2,868.04	2,256.99	2,128.45	128.54	17.559		
8,900.00	5,856.21	7,489.13	6,535.13	115.81	68.20	143.95	-3,463.93	-2,898.21	2,306.20	2,176.48	129.72	17.778		
9,000.00	5,912.57	7,640.77	6,659.94	117.34	69.94	144.00	-3,514.63	-2,967.75	2,354.94	2,221.83	133.10	17.693		
9,100.00	5,968.92	7,706.00	6,712.34	118.87	70.73	143.97	-3,537.22	-2,999.36	2,402.43	2,268.01	134.42	17.872		
9,200.00	6,025.27	7,761.49	6,757.76	120.40	71.36	143.97	-3,555.90	-3,025.18	2,450.96	2,315.58	135.38	18.104		
9,300.00	6,081.63	7,810.05	6,798.91	121.93	71.90	144.04	-3,571.43	-3,045.75	2,501.00	2,364.95	136.05	18.383		
9,400.00	6,137.98	7,892.76	6,869.27	123.46	72.78	144.16	-3,597.33	-3,080.66	2,551.71	2,414.22	137.49	18.559		
9,500.00	6,194.33	7,952.90	6,919.75	125.00	73.45	144.20	-3,615.82	-3,107.62	2,602.89	2,464.39	138.50	18.793		
9,600.00	6,250.68	7,993.00	6,952.92	126.53	73.90	144.20	-3,627.76	-3,126.72	2,655.05	2,516.02	139.03	19.097		
9,700.00	6,307.04	8,057.67	7,005.00	128.06	74.69	144.11	-3,646.09	-3,160.37	2,708.12	2,567.70	140.43	19.285		
9,800.00	6,363.39	8,116.45	7,050.07	129.59	75.47	143.92	-3,661.62	-3,194.72	2,762.34	2,620.49	141.86	19.473		
9,900.00	6,419.74	8,279.00	7,156.44	131.12	77.96	142.79	-3,702.75	-3,310.16	2,816.86	2,668.74	148.12	19.018		
10,000.00	6,476.09	8,347.14	7,193.99	132.65	79.15	142.14	-3,720.21	-3,364.23	2,869.52	2,718.73	150.79	19.030		
10,100.00	6,532.45	8,415.13	7,226.26	134.18	80.38	141.37	-3,736.49	-3,421.80	2,922.95	2,769.30	153.66	19.023		
10,200.00	6,588.80	8,470.00	7,249.04	135.72	81.40	140.69	-3,749.01	-3,470.11	2,977.13	2,821.19	155.94	19.092		
10,300.00	6,645.15	8,501.62	7,260.77	137.25	82.01	140.28	-3,755.71	-3,498.70	3,032.69	2,875.69	157.00	19.316		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	8,526.09	7,269.04	138.78	82.48	139.94	-3,760.41	-3,521.24	3,089.96	2,932.32	157.64	19.601		
10,500.00	6,757.86	8,565.00	7,280.75	140.31	83.22	139.38	-3,766.98	-3,557.76	3,148.99	2,989.92	159.07	19.796		
10,600.00	6,813.28	8,586.92	7,286.48	141.87	83.65	130.47	-3,770.35	-3,578.65	3,207.85	3,048.41	159.44	20.120		
10,700.00	6,864.12	8,661.00	7,300.42	143.49	85.11	118.97	-3,781.26	-3,650.54	3,260.49	3,097.88	162.61	20.051		
10,800.00	6,908.67	8,661.00	7,300.42	145.14	85.11	110.56	-3,781.26	-3,650.54	3,305.69	3,144.66	161.03	20.528		
10,900.00	6,945.58	8,720.44	7,308.28	146.73	86.28	103.86	-3,788.66	-3,708.98	3,341.49	3,178.63	162.85	20.519		
11,000.00	6,973.71	8,756.00	7,313.03	148.22	86.99	99.34	-3,792.08	-3,744.06	3,368.09	3,205.05	163.03	20.659		
11,100.00	6,992.22	8,811.01	7,319.15	149.55	88.07	96.62	-3,796.42	-3,798.55	3,384.01	3,219.68	164.33	20.593		
11,200.00	7,000.54	8,851.00	7,322.00	150.69	88.85	95.62	-3,799.10	-3,838.34	3,388.42	3,223.79	164.63	20.582		
11,300.00	7,001.00	8,898.97	7,324.43	151.65	89.79	95.67	-3,801.44	-3,886.19	3,384.75	3,219.31	165.45	20.458		
11,400.00	7,001.00	8,947.00	7,326.49	152.64	90.73	95.71	-3,802.47	-3,934.17	3,382.59	3,216.32	166.27	20.344		
11,500.00	7,001.00	8,995.97	7,328.14	153.65	91.68	95.74	-3,802.73	-3,983.10	3,381.95	3,214.79	167.16	20.232		
11,600.00	7,001.00	9,115.78	7,329.28	154.69	94.04	95.76	-3,803.18	-4,102.91	3,381.51	3,208.79	172.72	19.578		
11,700.00	7,001.00	9,327.34	7,325.52	155.76	98.35	95.70	-3,808.54	-4,314.34	3,378.12	3,193.74	184.38	18.322		
11,800.00	7,001.00	9,374.16	7,324.27	156.85	99.32	95.69	-3,809.88	-4,361.13	3,374.85	3,189.58	185.28	18.215		
11,900.00	7,001.00	9,424.00	7,323.07	157.98	100.36	95.67	-3,810.48	-4,410.95	3,373.19	3,186.83	186.37	18.100		
11,933.06	7,001.00	9,424.00	7,323.07	158.36	100.36	95.67	-3,810.48	-4,410.95	3,373.03	3,187.41	185.63	18.171		
12,000.00	7,001.00	9,456.67	7,322.57	159.14	101.04	95.66	-3,810.33	-4,443.61	3,373.26	3,186.95	186.31	18.106		
12,100.00	7,001.00	9,520.00	7,322.94	160.32	102.35	95.66	-3,808.54	-4,506.91	3,375.53	3,187.22	188.32	17.925		
12,200.00	7,001.00	9,549.54	7,323.56	161.54	102.96	95.67	-3,807.29	-4,536.42	3,379.01	3,190.99	188.02	17.971		
12,300.00	7,001.00	9,877.19	7,331.59	162.78	110.03	95.80	-3,805.56	-4,863.87	3,379.13	3,170.91	208.22	16.228		
12,400.00	7,001.00	9,972.26	7,334.29	164.06	112.16	95.85	-3,808.49	-4,958.85	3,376.20	3,163.64	212.57	15.883		
12,500.00	7,001.00	10,027.33	7,335.70	165.36	113.40	95.88	-3,809.54	-5,013.89	3,374.44	3,160.23	214.21	15.753		
12,600.00	7,001.00	10,093.00	7,336.17	166.69	114.87	95.89	-3,809.58	-5,079.56	3,374.15	3,157.57	216.58	15.579		
12,700.00	7,001.00	10,230.05	7,334.94	168.05	117.97	95.87	-3,809.64	-5,216.60	3,373.96	3,150.08	223.88	15.070		
12,800.00	7,001.00	10,570.26	7,339.16	169.44	125.96	95.97	-3,827.65	-5,556.18	3,367.22	3,122.40	244.82	13.754		
12,900.00	7,001.00	10,613.76	7,339.12	170.86	126.99	95.98	-3,830.94	-5,599.56	3,359.68	3,113.75	245.93	13.661		
13,000.00	7,001.00	10,667.00	7,339.80	172.30	128.26	95.99	-3,833.72	-5,652.72	3,354.13	3,106.47	247.65	13.544		
13,100.00	7,001.00	10,667.00	7,339.80	173.78	128.26	95.99	-3,833.72	-5,652.72	3,350.41	3,104.70	245.70	13.636		
13,200.00	7,001.00	10,734.56	7,340.74	175.28	129.86	96.01	-3,835.45	-5,720.25	3,348.11	3,099.76	248.34	13.482		
13,270.75	7,001.00	10,763.00	7,340.85	176.35	130.54	96.02	-3,835.62	-5,748.69	3,347.63	3,098.79	248.85	13.452		
13,300.00	7,001.00	10,763.00	7,340.85	176.80	130.54	96.02	-3,835.62	-5,748.69	3,347.76	3,099.54	248.22	13.487		
13,400.00	7,001.00	10,806.61	7,341.24	178.36	131.56	96.02	-3,835.07	-5,792.29	3,349.25	3,100.14	249.12	13.445		
13,500.00	7,001.00	10,858.00	7,342.54	179.94	132.76	96.04	-3,832.97	-5,843.62	3,352.98	3,102.44	250.54	13.383		
13,600.00	7,001.00	10,951.60	7,346.05	181.55	134.96	96.09	-3,828.50	-5,937.05	3,357.91	3,102.87	255.04	13.166		
13,700.00	7,001.00	11,095.80	7,352.33	183.18	138.38	96.19	-3,824.98	-6,081.06	3,360.29	3,097.07	263.22	12.766		
13,800.00	7,001.00	11,155.05	7,354.68	184.84	139.80	96.23	-3,822.98	-6,140.23	3,363.85	3,098.59	265.26	12.681		
13,900.00	7,001.00	11,339.15	7,355.25	186.52	144.21	96.23	-3,816.77	-6,324.20	3,367.40	3,091.06	276.34	12.186		
14,000.00	7,001.00	11,396.54	7,353.86	188.23	145.59	96.20	-3,815.20	-6,381.55	3,369.66	3,091.37	278.30	12.108		
14,100.00	7,001.00	11,597.50	7,347.93	189.97	150.49	96.10	-3,812.06	-6,582.36	3,370.45	3,079.91	290.53	11.601		
14,200.00	7,001.00	11,697.50	7,348.03	191.72	152.95	96.10	-3,811.93	-6,682.36	3,370.42	3,074.83	295.59	11.402		
14,300.00	7,001.00	11,828.79	7,348.42	193.50	156.21	96.11	-3,812.48	-6,813.63	3,369.89	3,067.04	302.85	11.127		
14,400.00	7,001.00	11,935.42	7,349.26	195.30	158.87	96.12	-3,813.95	-6,920.24	3,368.42	3,060.03	308.39	10.922		
14,500.00	7,001.00	12,005.00	7,349.68	197.13	160.61	96.13	-3,814.27	-6,989.82	3,367.79	3,056.43	311.36	10.816		
14,600.00	7,001.00	12,299.41	7,352.99	198.98	168.02	96.20	-3,821.29	-7,283.98	3,366.97	3,037.30	329.67	10.213		
14,700.00	7,001.00	12,386.00	7,354.15	200.85	170.23	96.23	-3,826.33	-7,370.42	3,361.15	3,027.25	333.89	10.067		
14,800.00	7,001.00	12,516.72	7,354.94	202.73	173.57	96.26	-3,835.25	-7,500.83	3,354.05	3,013.03	341.02	9.835		
14,900.00	7,001.00	12,576.00	7,356.89	204.64	175.09	96.30	-3,838.73	-7,559.97	3,348.25	3,004.79	343.46	9.749		
15,000.00	7,001.00	12,606.28	7,358.20	206.57	175.86	96.33	-3,840.04	-7,590.19	3,343.97	3,000.07	343.90	9.724		
15,100.00	7,001.00	12,671.00	7,360.42	208.52	177.51	96.37	-3,841.48	-7,654.85	3,341.68	2,995.07	346.61	9.641		
15,200.00	7,001.00	12,702.70	7,361.15	210.49	178.31	96.38	-3,841.65	-7,686.54	3,340.67	2,993.69	346.98	9.628		
15,230.54	7,001.00	12,724.64	7,361.47	211.10	178.87	96.38	-3,841.68	-7,708.48	3,340.63	2,992.69	347.94	9.601		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec 36-T7N-R67W - ICE MAN 2W-15-5C - ORIGINAL WELLBORE - WB #1 - PATT 901		Offset Site Error:	0.00 usft
Survey Program:		130-MWD OWSG											Offset Well Error:	0.00 usft		
Reference		Offset		Semi Major Axis		Distance								Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
15,300.00	7,001.00	12,831.06	7,361.26	212.48	181.58	96.38	-3,841.58	-7,814.89	3,340.73	2,986.59	354.14	9.433				
15,400.00	7,001.00	12,957.00	7,358.48	214.48	184.79	96.34	-3,843.40	-7,940.79	3,338.80	2,977.67	361.13	9.245				
15,500.00	7,001.00	13,004.23	7,356.73	216.51	186.00	96.31	-3,843.69	-7,987.99	3,337.66	2,975.05	362.61	9.205				
15,518.05	7,001.00	13,012.25	7,356.45	216.87	186.20	96.30	-3,843.66	-7,996.00	3,337.63	2,974.81	362.83	9.199				
15,600.00	7,001.00	13,102.36	7,356.29	218.55	188.50	96.30	-3,843.31	-8,086.04	3,337.82	2,970.16	367.66	9.079				
15,700.00	7,001.00	13,214.49	7,360.87	220.60	191.38	96.38	-3,844.62	-8,198.03	3,336.89	2,963.21	373.68	8.930				
15,800.00	7,001.00	13,338.00	7,363.39	222.68	194.56	96.43	-3,846.34	-8,321.50	3,335.48	2,954.96	380.52	8.766				
15,900.00	7,001.00	13,398.29	7,364.03	224.76	196.11	96.44	-3,847.32	-8,381.77	3,334.21	2,951.30	382.91	8.707				
15,906.08	7,001.00	13,400.55	7,364.04	224.89	196.17	96.44	-3,847.31	-8,384.03	3,334.21	2,951.25	382.96	8.706				
16,000.00	7,001.00	13,440.00	7,363.90	226.87	197.19	96.44	-3,846.85	-8,423.48	3,335.03	2,951.11	383.92	8.687				
16,100.00	7,001.00	13,529.00	7,362.08	228.99	199.47	96.40	-3,845.11	-8,512.44	3,336.61	2,948.27	388.34	8.592				
16,200.00	7,001.00	13,624.00	7,360.69	231.12	201.91	96.38	-3,842.86	-8,607.40	3,338.64	2,945.44	393.20	8.491				
16,300.00	7,001.00	13,713.06	7,360.26	233.27	204.20	96.36	-3,840.40	-8,696.42	3,341.14	2,943.50	397.63	8.403				
16,400.00	7,001.00	13,788.99	7,359.99	235.43	206.15	96.36	-3,838.13	-8,772.32	3,343.91	2,942.82	401.09	8.337				
16,500.00	7,001.00	13,881.60	7,360.88	237.61	208.53	96.37	-3,834.94	-8,864.87	3,347.28	2,941.50	405.78	8.249				
16,600.00	7,001.00	13,960.47	7,360.13	239.79	210.56	96.35	-3,831.89	-8,943.67	3,350.87	2,941.43	409.44	8.184				
16,700.00	7,001.00	14,076.40	7,356.79	242.00	213.54	96.28	-3,826.48	-9,059.43	3,355.09	2,939.18	415.91	8.067				
16,800.00	7,001.00	14,224.52	7,356.80	244.21	217.38	96.27	-3,822.12	-9,207.48	3,357.83	2,933.10	424.74	7.906				
16,900.00	7,001.00	14,350.55	7,356.56	246.43	220.65	96.26	-3,819.89	-9,333.48	3,359.37	2,927.47	431.89	7.778				
17,000.00	7,001.00	14,521.93	7,356.06	248.67	225.12	96.26	-3,819.08	-9,504.85	3,359.65	2,917.42	442.23	7.597				
17,100.00	7,001.00	14,610.07	7,358.15	250.92	227.43	96.29	-3,819.91	-9,592.95	3,358.84	2,912.19	446.65	7.520				
17,141.15	7,001.00	14,636.18	7,358.61	251.85	228.12	96.30	-3,819.97	-9,619.06	3,358.75	2,911.00	447.75	7.501				
17,200.00	7,001.00	14,674.16	7,358.96	253.18	229.11	96.31	-3,819.83	-9,657.05	3,358.94	2,909.57	449.37	7.475				
17,300.00	7,001.00	14,796.82	7,356.37	255.45	232.32	96.26	-3,819.17	-9,779.66	3,359.04	2,902.78	456.27	7.362				
17,312.25	7,001.00	14,807.33	7,355.92	255.73	232.59	96.25	-3,819.10	-9,790.16	3,359.04	2,902.25	456.79	7.354				
17,400.00	7,001.00	14,913.73	7,349.98	257.73	235.37	96.15	-3,818.27	-9,896.39	3,359.11	2,896.34	462.76	7.259				
17,500.00	7,001.00	15,024.29	7,342.65	260.02	238.26	96.03	-3,818.44	-10,006.70	3,358.05	2,889.24	468.81	7.163				
17,600.00	7,001.00	15,300.99	7,336.10	262.32	245.55	95.93	-3,827.66	-10,283.11	3,353.90	2,868.09	485.81	6.904				
17,700.00	7,001.00	15,396.39	7,332.35	264.63	248.07	95.88	-3,833.05	-10,378.29	3,347.71	2,856.89	490.82	6.821				
17,800.00	7,001.00	15,480.19	7,327.02	266.95	250.27	95.80	-3,837.18	-10,461.81	3,341.99	2,846.89	495.10	6.750				
17,900.00	7,001.00	15,555.82	7,322.95	269.28	252.27	95.73	-3,840.64	-10,537.25	3,336.76	2,837.91	498.84	6.689				
18,000.00	7,001.00	15,627.00	7,318.14	271.61	254.14	95.65	-3,842.94	-10,608.23	3,332.62	2,830.34	502.28	6.635				
18,100.00	7,001.00	15,713.78	7,312.29	273.96	256.43	95.56	-3,845.20	-10,694.78	3,329.15	2,822.43	506.73	6.570				
18,200.00	7,001.00	15,819.11	7,305.13	276.31	259.20	95.44	-3,848.13	-10,799.82	3,325.56	2,813.16	512.41	6.490				
18,300.00	7,001.00	15,895.00	7,298.68	278.67	261.20	95.33	-3,850.18	-10,875.41	3,322.00	2,805.87	516.13	6.436				
18,397.45	7,001.00	15,895.00	7,298.68	280.98	261.20	95.33	-3,850.18	-10,875.41	3,320.57	2,806.03	514.54	6.454				
18,400.00	7,001.00	15,895.00	7,298.68	281.04	261.20	95.33	-3,850.18	-10,875.41	3,320.57	2,806.08	514.49	6.454				
18,500.00	7,001.00	15,895.00	7,298.68	283.42	261.20	95.33	-3,850.18	-10,875.41	3,322.15	2,809.72	512.43	6.483				
18,600.00	7,001.00	15,895.00	7,298.68	285.80	261.20	95.33	-3,850.18	-10,875.41	3,326.74	2,816.80	509.94	6.524				
18,700.00	7,001.00	15,895.00	7,298.68	288.19	261.20	95.33	-3,850.18	-10,875.41	3,334.32	2,827.28	507.04	6.576				
18,800.00	7,001.00	15,895.00	7,298.68	290.59	261.20	95.33	-3,850.18	-10,875.41	3,344.88	2,841.13	503.75	6.640				
18,900.00	7,001.00	15,895.00	7,298.68	293.00	261.20	95.33	-3,850.18	-10,875.41	3,358.38	2,858.31	500.07	6.716				
19,000.00	7,001.00	15,895.00	7,298.68	295.41	261.20	95.33	-3,850.18	-10,875.41	3,374.79	2,878.75	496.04	6.803				
19,100.00	7,001.00	15,895.00	7,298.68	297.83	261.20	95.33	-3,850.18	-10,875.41	3,394.07	2,902.41	491.67	6.903				
19,200.00	7,001.00	15,895.00	7,298.68	300.25	261.20	95.33	-3,850.18	-10,875.41	3,416.17	2,929.19	486.98	7.015				
19,300.00	7,001.00	15,895.00	7,298.68	302.68	261.20	95.33	-3,850.18	-10,875.41	3,441.04	2,959.04	482.00	7.139				
19,400.00	7,001.00	15,895.00	7,298.68	305.12	261.20	95.33	-3,850.18	-10,875.41	3,468.61	2,991.84	476.77	7.275				
19,500.00	7,001.00	15,895.00	7,298.68	307.56	261.20	95.33	-3,850.18	-10,875.41	3,498.82	3,027.53	471.29	7.424				
19,600.00	7,001.00	15,895.00	7,298.68	310.01	261.20	95.33	-3,850.18	-10,875.41	3,531.61	3,066.00	465.61	7.585				
19,700.00	7,001.00	15,895.00	7,298.68	312.46	261.20	95.33	-3,850.18	-10,875.41	3,566.90	3,107.15	459.75	7.758				
19,800.00	7,001.00	15,895.00	7,298.68	314.92	261.20	95.33	-3,850.18	-10,875.41	3,604.62	3,150.88	453.74	7.944				
19,900.00	7,001.00	15,895.00	7,298.68	317.39	261.20	95.33	-3,850.18	-10,875.41	3,644.70	3,197.10	447.60	8.143				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 130-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,000.00	7,001.00	15,895.00	7,298.68	319.85	261.20	95.33	-3,850.18	-10,875.41	3,687.05	3,245.69	441.36	8.354	
20,100.00	7,001.00	15,895.00	7,298.68	322.33	261.20	95.33	-3,850.18	-10,875.41	3,731.60	3,296.56	435.04	8.578	
20,200.00	7,001.00	15,895.00	7,298.68	324.81	261.20	95.33	-3,850.18	-10,875.41	3,778.27	3,349.61	428.66	8.814	
20,300.00	7,001.00	15,895.00	7,298.68	327.29	261.20	95.33	-3,850.18	-10,875.41	3,826.99	3,404.73	422.26	9.063	
20,400.00	7,001.00	15,895.00	7,298.68	329.78	261.20	95.33	-3,850.18	-10,875.41	3,877.68	3,461.84	415.84	9.325	
20,500.00	7,001.00	15,895.00	7,298.68	332.27	261.20	95.33	-3,850.18	-10,875.41	3,930.25	3,520.83	409.42	9.600	
20,600.00	7,001.00	15,895.00	7,298.68	334.77	261.20	95.33	-3,850.18	-10,875.41	3,984.64	3,581.62	403.03	9.887	
20,700.00	7,001.00	15,895.00	7,298.68	337.27	261.20	95.33	-3,850.18	-10,875.41	4,040.78	3,644.11	396.67	10.187	
20,800.00	7,001.00	15,895.00	7,298.68	339.77	261.20	95.33	-3,850.18	-10,875.41	4,098.59	3,708.23	390.36	10.499	
20,900.00	7,001.00	15,895.00	7,298.68	342.28	261.20	95.33	-3,850.18	-10,875.41	4,157.99	3,773.88	384.11	10.825	
21,000.00	7,001.00	15,895.00	7,298.68	344.79	261.20	95.33	-3,850.18	-10,875.41	4,218.94	3,841.00	377.94	11.163	
21,100.00	7,001.00	15,895.00	7,298.68	347.31	261.20	95.33	-3,850.18	-10,875.41	4,281.35	3,909.50	371.85	11.514	
21,200.00	7,001.00	15,895.00	7,298.68	349.83	261.20	95.33	-3,850.18	-10,875.41	4,345.16	3,979.31	365.85	11.877	
21,300.00	7,001.00	15,895.00	7,298.68	352.35	261.20	95.33	-3,850.18	-10,875.41	4,410.32	4,050.38	359.95	12.253	
21,369.95	7,001.00	15,895.00	7,298.68	354.12	261.20	95.33	-3,850.18	-10,875.41	4,456.67	4,100.80	355.88	12.523	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	100.52	100.52	0.27	0.14	-169.19	-1,418.63	-270.80	1,444.30	1,443.89	0.41	3,523.456		
200.00	199.98	207.71	207.69	0.62	0.46	-14.08	-1,417.61	-269.43	1,441.43	1,440.35	1.08	1,334.464		
300.00	299.84	303.33	303.30	0.97	0.80	-14.20	-1,416.63	-268.06	1,435.08	1,433.30	1.78	806.318		
400.00	399.45	381.27	381.24	1.34	1.07	-14.34	-1,416.43	-267.25	1,426.22	1,423.81	2.41	591.808		
500.00	498.70	464.44	464.40	1.74	1.36	-14.49	-1,417.32	-267.77	1,415.55	1,412.49	3.06	462.775		
600.00	597.47	550.66	550.60	2.17	1.65	-14.68	-1,418.90	-268.49	1,402.34	1,398.61	3.73	376.450		
700.00	695.62	628.11	628.00	2.62	1.92	-14.86	-1,421.05	-270.13	1,386.96	1,382.59	4.37	317.333		
800.00	793.06	700.00	699.76	3.12	2.17	-15.03	-1,424.31	-272.94	1,370.22	1,365.21	5.01	273.740		
900.00	889.64	772.95	772.43	3.65	2.44	-15.18	-1,428.73	-277.48	1,352.02	1,346.37	5.66	238.997		
1,000.00	985.27	845.67	844.67	4.23	2.71	-15.30	-1,434.01	-283.82	1,332.18	1,325.86	6.32	210.753		
1,100.00	1,079.82	923.24	921.51	4.85	3.01	-15.41	-1,440.93	-291.95	1,310.91	1,303.89	7.02	186.782		
1,200.00	1,173.17	1,005.38	1,002.72	5.52	3.34	-15.54	-1,448.88	-301.37	1,287.33	1,279.58	7.75	166.079		
1,300.00	1,265.21	1,082.00	1,078.02	6.24	3.66	-15.61	-1,457.55	-312.48	1,262.46	1,253.98	8.48	148.855		
1,400.00	1,355.84	1,138.27	1,132.96	7.01	3.91	-15.68	-1,465.01	-322.05	1,236.54	1,227.38	9.15	135.106		
1,500.00	1,444.84	1,208.62	1,201.31	7.83	4.24	-15.72	-1,475.71	-334.87	1,209.69	1,199.79	9.90	122.204		
1,600.00	1,532.39	1,272.00	1,262.61	8.70	4.55	-15.79	-1,486.30	-347.00	1,181.47	1,170.84	10.63	111.125		
1,700.00	1,618.11	1,353.66	1,341.09	9.62	4.98	-15.84	-1,501.31	-363.83	1,151.81	1,140.34	11.47	100.391		
1,800.00	1,701.97	1,424.15	1,408.19	10.59	5.38	-15.85	-1,515.52	-380.05	1,121.06	1,108.78	12.29	91.221		
1,900.00	1,783.88	1,506.97	1,486.19	11.62	5.88	-15.77	-1,533.30	-401.48	1,088.97	1,075.78	13.19	82.579		
2,000.00	1,863.74	1,589.80	1,564.05	12.69	6.40	-15.71	-1,551.26	-423.31	1,054.11	1,040.00	14.11	74.713		
2,100.00	1,941.45	1,667.00	1,636.07	13.81	6.90	-15.68	-1,569.52	-444.27	1,018.05	1,003.03	15.02	67.779		
2,200.00	2,016.92	1,732.89	1,696.88	14.98	7.37	-15.65	-1,586.13	-463.43	980.77	964.86	15.90	61.676		
2,300.00	2,090.05	1,802.59	1,760.33	16.19	7.89	-15.51	-1,604.42	-485.74	942.26	925.44	16.82	56.026		
2,400.00	2,160.76	1,858.00	1,810.01	17.45	8.32	-15.39	-1,619.91	-504.76	903.22	885.56	17.66	51.138		
2,500.00	2,228.95	1,932.12	1,875.41	18.76	8.94	-15.10	-1,642.39	-531.41	863.73	845.10	18.63	46.361		
2,600.00	2,294.55	1,999.23	1,933.62	20.11	9.54	-14.83	-1,664.69	-556.27	824.15	804.59	19.56	42.131		
2,700.00	2,357.48	2,069.13	1,993.38	21.50	10.18	-14.53	-1,689.55	-582.64	784.07	763.56	20.51	38.223		
2,800.00	2,417.66	2,143.00	2,055.51	22.94	10.90	-14.15	-1,717.27	-611.43	743.30	721.81	21.49	34.592		
2,900.00	2,475.05	2,214.56	2,114.45	24.41	11.64	-13.62	-1,745.13	-640.92	701.78	679.33	22.44	31.269		
3,000.00	2,531.40	2,290.05	2,175.17	25.89	12.45	-12.63	-1,775.34	-674.07	661.44	638.06	23.38	28.293		
3,100.00	2,587.75	2,377.58	2,244.51	27.39	13.43	-11.26	-1,811.41	-713.49	623.05	598.69	24.35	25.586		
3,200.00	2,644.11	2,467.20	2,316.17	28.89	14.44	-9.83	-1,848.38	-752.59	584.46	559.14	25.32	23.087		
3,300.00	2,700.46	2,550.95	2,381.87	30.39	15.40	-8.14	-1,883.52	-790.82	547.90	521.74	26.16	20.944		
3,400.00	2,756.81	2,632.25	2,462.04	31.89	16.58	-5.95	-1,925.91	-835.97	511.26	484.15	27.11	18.862		
3,500.00	2,813.17	2,713.70	2,543.84	33.40	17.72	-3.64	-1,967.74	-878.98	473.50	445.46	28.03	16.890		
3,600.00	2,869.52	2,799.98	2,622.91	34.91	18.79	-1.22	-2,006.41	-918.00	434.29	405.35	28.93	15.009		
3,700.00	2,925.87	2,883.14	2,694.52	36.42	19.78	1.99	-2,039.94	-956.94	396.06	366.27	29.79	13.297		
3,800.00	2,982.22	2,966.53	2,770.34	37.93	20.84	6.25	-2,074.66	-998.99	359.08	328.20	30.88	11.628		
3,900.00	3,038.58	3,050.27	2,847.55	39.45	21.89	11.29	-2,108.85	-1,039.70	322.42	289.99	32.43	9.941		
4,000.00	3,094.93	3,133.54	2,916.79	40.96	22.83	16.83	-2,139.70	-1,076.50	288.75	254.13	34.63	8.339		
4,100.00	3,151.28	3,211.85	2,983.35	42.48	23.78	23.42	-2,170.41	-1,113.95	260.88	222.86	38.02	6.862		
4,200.00	3,207.63	3,288.50	3,059.76	44.00	24.89	32.31	-2,205.85	-1,157.10	238.47	194.86	43.61	5.468		
4,300.00	3,263.99	3,364.22	3,140.19	45.52	25.98	42.84	-2,242.06	-1,199.15	220.23	168.97	51.26	4.296		
4,400.00	3,320.34	3,439.44	3,220.05	47.04	26.90	52.59	-2,272.04	-1,234.18	210.45	151.08	59.37	3.545		
4,450.52	3,348.81	3,613.73	3,246.59	47.81	27.43	58.61	-2,289.73	-1,255.54	209.69	145.81	63.89	3.282 CC		
4,500.00	3,376.69	3,662.40	3,287.16	48.56	27.97	64.84	-2,307.04	-1,276.08	210.44	142.25	68.19	3.086 ES		
4,600.00	3,433.05	3,752.13	3,362.36	50.08	28.95	75.97	-2,339.42	-1,312.78	218.28	143.39	74.89	2.915 SF		
4,700.00	3,489.40	3,836.77	3,432.29	51.61	29.89	85.14	-2,371.35	-1,348.21	235.41	156.43	78.98	2.981		
4,800.00	3,545.75	3,927.68	3,507.38	53.13	30.89	93.73	-2,404.77	-1,387.05	260.42	178.74	81.69	3.188		
4,900.00	3,602.10	4,010.48	3,577.06	54.65	31.79	100.73	-2,433.91	-1,420.98	290.43	207.75	82.69	3.513		
5,000.00	3,658.46	4,091.40	3,644.73	56.18	32.67	106.32	-2,460.95	-1,456.15	327.14	244.16	82.99	3.942		
5,100.00	3,714.81	4,177.72	3,717.30	57.70	33.62	111.30	-2,488.86	-1,493.63	367.50	284.11	83.40	4.407		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	4,269.87	3,792.46	59.23	34.68	115.00	-2,520.84	-1,536.29	409.28	324.85	84.43	4.848		
5,300.00	3,827.51	4,364.14	3,867.87	60.75	35.81	117.77	-2,555.46	-1,581.02	450.96	365.15	85.80	5.256		
5,400.00	3,883.87	4,457.28	3,942.12	62.28	36.94	120.01	-2,590.54	-1,624.94	492.41	405.23	87.18	5.648		
5,500.00	3,940.22	4,548.55	4,015.10	63.80	38.03	121.91	-2,625.23	-1,667.39	533.87	445.40	88.47	6.034		
5,600.00	3,996.57	4,639.83	4,090.07	65.33	39.07	123.93	-2,658.92	-1,707.07	575.83	486.30	89.53	6.432		
5,700.00	4,052.93	4,755.92	4,186.68	66.86	40.35	126.49	-2,703.92	-1,753.07	615.55	524.37	91.18	6.751		
5,800.00	4,109.28	4,851.62	4,264.26	68.39	41.45	128.04	-2,743.80	-1,792.39	653.61	561.20	92.42	7.072		
5,900.00	4,165.63	4,940.09	4,333.71	69.91	42.51	128.94	-2,781.36	-1,832.30	692.16	598.34	93.81	7.378		
6,000.00	4,221.98	5,034.33	4,409.25	71.44	43.62	130.04	-2,820.77	-1,872.53	730.97	635.74	95.22	7.676		
6,100.00	4,278.34	5,128.54	4,486.40	72.97	44.70	131.31	-2,860.27	-1,909.46	769.19	672.80	96.39	7.980		
6,200.00	4,334.69	5,206.42	4,547.33	74.50	45.64	131.82	-2,893.06	-1,945.13	808.63	711.05	97.58	8.287		
6,300.00	4,391.04	5,298.40	4,617.87	76.03	46.83	132.15	-2,931.51	-1,989.90	848.86	749.34	99.52	8.530		
6,400.00	4,447.40	5,417.34	4,708.58	77.55	48.36	132.56	-2,983.31	-2,046.76	887.20	784.88	102.33	8.670		
6,500.00	4,503.75	5,510.00	4,779.44	79.08	49.55	132.91	-3,024.56	-2,089.93	924.54	820.34	104.21	8.872		
6,600.00	4,560.10	5,598.97	4,848.45	80.61	50.66	133.33	-3,063.83	-2,130.06	962.09	856.24	105.85	9.089		
6,700.00	4,616.45	5,691.88	4,920.46	82.14	51.82	133.72	-3,104.70	-2,172.19	999.85	892.21	107.64	9.289		
6,800.00	4,672.81	5,785.70	4,992.67	83.67	53.01	134.04	-3,146.17	-2,215.43	1,037.55	928.02	109.53	9.473		
6,900.00	4,729.16	5,869.30	5,058.21	85.20	54.03	134.42	-3,182.69	-2,252.29	1,075.54	964.57	110.97	9.692		
7,000.00	4,785.51	5,945.42	5,119.44	86.73	54.92	134.89	-3,214.91	-2,284.02	1,114.62	1,002.58	112.04	9.949		
7,100.00	4,841.86	6,016.08	5,176.72	88.26	55.74	135.30	-3,243.79	-2,313.64	1,155.23	1,042.29	112.94	10.229		
7,200.00	4,898.22	6,083.00	5,231.12	89.79	56.52	135.65	-3,269.97	-2,342.51	1,197.71	1,083.94	113.77	10.528		
7,300.00	4,954.57	6,213.80	5,334.97	91.32	58.10	136.09	-3,322.87	-2,401.84	1,239.01	1,122.34	116.67	10.620		
7,400.00	5,010.92	6,293.99	5,399.51	92.85	59.05	136.44	-3,355.85	-2,436.13	1,279.64	1,161.70	117.95	10.849		
7,500.00	5,067.28	6,370.00	5,461.15	94.38	59.94	136.76	-3,385.79	-2,469.02	1,321.93	1,202.83	119.10	11.099		
7,600.00	5,123.63	6,424.01	5,504.98	95.91	60.57	136.95	-3,406.17	-2,493.12	1,365.82	1,246.14	119.67	11.413		
7,700.00	5,179.98	6,486.13	5,555.63	97.44	61.29	137.16	-3,428.77	-2,521.09	1,411.31	1,290.85	120.46	11.716		
7,800.00	5,236.33	6,539.49	5,599.57	98.97	61.90	137.34	-3,447.03	-2,545.23	1,458.83	1,337.89	120.94	12.063		
7,900.00	5,292.69	6,692.38	5,722.60	100.50	63.73	137.60	-3,500.57	-2,618.39	1,505.96	1,381.11	124.86	12.062		
8,000.00	5,349.04	6,788.50	5,800.21	102.03	64.87	137.84	-3,536.63	-2,662.13	1,550.43	1,423.66	126.77	12.231		
8,100.00	5,405.39	6,873.35	5,869.82	103.56	65.85	138.12	-3,568.39	-2,698.80	1,594.87	1,466.67	128.20	12.441		
8,200.00	5,461.74	6,964.38	5,944.33	105.09	66.90	138.39	-3,602.04	-2,738.82	1,639.83	1,509.99	129.84	12.629		
8,300.00	5,518.10	7,106.83	6,058.48	106.62	68.61	138.67	-3,658.14	-2,802.92	1,682.27	1,549.25	133.02	12.647		
8,400.00	5,574.45	7,197.13	6,129.28	108.15	69.73	138.75	-3,694.75	-2,845.37	1,723.95	1,589.05	134.90	12.779		
8,500.00	5,630.80	7,274.12	6,191.18	109.68	70.63	138.92	-3,725.57	-2,879.21	1,766.01	1,629.78	136.23	12.963		
8,600.00	5,687.16	7,368.34	6,270.09	111.21	71.66	139.33	-3,762.22	-2,915.33	1,808.86	1,671.24	137.63	13.143		
8,700.00	5,743.51	7,474.82	6,359.46	112.75	72.79	139.83	-3,804.92	-2,954.42	1,850.45	1,711.28	139.17	13.297		
8,800.00	5,799.86	7,540.56	6,413.94	114.28	73.50	140.06	-3,831.20	-2,980.14	1,892.50	1,752.49	140.01	13.517		
8,900.00	5,856.21	7,589.02	6,454.46	115.81	74.03	140.23	-3,849.68	-2,999.25	1,936.33	1,795.89	140.44	13.788		
9,000.00	5,912.57	7,691.86	6,541.27	117.34	75.12	140.61	-3,887.63	-3,039.25	1,981.43	1,839.37	142.06	13.948		
9,100.00	5,968.92	7,763.97	6,601.72	118.87	75.91	140.85	-3,914.75	-3,067.70	2,025.88	1,882.83	143.05	14.162		
9,200.00	6,025.27	7,845.03	6,668.52	120.40	76.83	141.00	-3,944.47	-3,102.70	2,071.32	1,926.88	144.44	14.340		
9,300.00	6,081.63	7,940.23	6,745.15	121.93	77.98	141.07	-3,979.75	-3,146.77	2,116.44	1,970.00	146.44	14.453		
9,400.00	6,137.98	7,993.00	6,785.40	123.46	78.66	140.99	-3,999.21	-3,174.79	2,161.93	2,014.47	147.47	14.660		
9,500.00	6,194.33	8,062.57	6,834.65	125.00	79.68	140.67	-4,023.77	-3,217.27	2,208.44	2,058.95	149.49	14.774		
9,600.00	6,250.68	8,116.88	6,869.50	126.53	80.53	140.27	-4,041.56	-3,254.92	2,256.60	2,105.44	151.16	14.928		
9,700.00	6,307.04	8,184.00	6,909.36	128.06	81.63	139.66	-4,062.37	-3,304.72	2,306.03	2,152.39	153.64	15.009		
9,800.00	6,363.39	8,219.51	6,929.07	129.59	82.24	139.29	-4,072.75	-3,332.37	2,356.80	2,202.20	154.60	15.244		
9,900.00	6,419.74	8,279.00	6,959.93	131.12	83.27	138.61	-4,088.79	-3,380.63	2,409.48	2,252.56	156.91	15.356		
10,000.00	6,476.09	8,307.10	6,973.52	132.65	83.77	138.27	-4,095.86	-3,404.18	2,463.49	2,306.01	157.48	15.643		
10,100.00	6,532.45	8,360.96	6,997.76	134.18	84.74	137.56	-4,108.91	-3,450.46	2,518.89	2,359.31	159.58	15.785		
10,200.00	6,588.80	8,375.00	7,003.68	135.72	85.00	137.37	-4,112.20	-3,462.76	2,575.89	2,416.67	159.22	16.178		
10,300.00	6,645.15	8,420.58	7,022.06	137.25	85.83	136.73	-4,122.10	-3,503.28	2,634.33	2,473.50	160.83	16.380		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	8,470.00	7,040.69	138.78	86.75	136.01	-4,131.23	-3,548.12	2,695.08	2,532.41	162.67	16.567		
10,500.00	6,757.86	8,470.00	7,040.69	140.31	86.75	136.01	-4,131.23	-3,548.12	2,756.93	2,595.64	161.29	17.093		
10,600.00	6,813.28	8,470.00	7,040.69	141.87	86.75	127.13	-4,131.23	-3,548.12	2,819.35	2,659.60	159.75	17.649		
10,700.00	6,864.12	8,470.00	7,040.69	143.49	86.75	116.05	-4,131.23	-3,548.12	2,876.58	2,718.81	157.77	18.233		
10,800.00	6,908.67	8,511.60	7,054.30	145.14	87.49	107.09	-4,136.85	-3,587.01	2,925.28	2,767.04	158.24	18.486		
10,900.00	6,945.58	8,565.00	7,067.23	146.73	88.46	100.38	-4,140.04	-3,638.68	2,967.39	2,808.11	159.28	18.629		
11,000.00	6,973.71	8,565.00	7,067.23	148.22	88.46	95.81	-4,140.04	-3,638.68	2,997.75	2,841.33	156.42	19.165		
11,100.00	6,992.22	8,565.00	7,067.23	149.55	88.46	92.92	-4,140.04	-3,638.68	3,018.40	2,865.02	153.38	19.680		
11,200.00	7,000.54	8,565.00	7,067.23	150.69	88.46	91.59	-4,140.04	-3,638.68	3,028.93	2,878.69	150.24	20.160		
11,300.00	7,001.00	8,619.92	7,075.90	151.65	89.40	91.64	-4,139.78	-3,692.89	3,030.89	2,879.81	151.07	20.062		
11,400.00	7,001.00	8,661.00	7,079.86	152.64	90.12	91.72	-4,138.05	-3,733.74	3,034.91	2,884.00	150.91	20.111		
11,500.00	7,001.00	8,793.33	7,081.30	153.65	92.41	91.74	-4,131.60	-3,865.84	3,039.81	2,882.41	157.40	19.313		
11,600.00	7,001.00	8,963.79	7,076.50	154.69	95.50	91.65	-4,127.09	-4,036.17	3,042.11	2,875.36	166.75	18.244		
11,700.00	7,001.00	9,321.71	7,070.75	155.76	102.60	91.55	-4,136.44	-4,393.64	3,039.35	2,849.42	189.93	16.003		
11,800.00	7,001.00	9,390.16	7,071.22	156.85	104.04	91.56	-4,141.26	-4,461.91	3,032.35	2,840.23	192.12	15.784		
11,900.00	7,001.00	9,425.00	7,071.06	157.98	104.77	91.55	-4,143.08	-4,496.71	3,027.23	2,835.39	191.84	15.780		
12,000.00	7,001.00	9,488.25	7,070.11	159.14	106.09	91.54	-4,145.30	-4,559.90	3,023.67	2,830.02	193.65	15.614		
12,100.00	7,001.00	9,545.51	7,068.60	160.32	107.29	91.51	-4,146.23	-4,617.14	3,021.75	2,826.75	195.00	15.496		
12,200.00	7,001.00	9,616.00	7,066.43	161.54	108.76	91.47	-4,146.61	-4,687.59	3,020.97	2,823.62	197.35	15.308		
12,300.00	7,001.00	9,711.00	7,062.96	162.78	110.77	91.40	-4,147.24	-4,782.53	3,020.08	2,818.49	201.59	14.982		
12,400.00	7,001.00	9,807.00	7,059.38	164.06	112.81	91.34	-4,147.04	-4,878.46	3,020.04	2,814.10	205.93	14.665		
12,404.45	7,001.00	9,807.00	7,059.38	164.11	112.81	91.34	-4,147.04	-4,878.46	3,020.04	2,814.24	205.80	14.675		
12,500.00	7,001.00	9,919.80	7,055.98	165.36	115.24	91.27	-4,146.27	-4,991.21	3,020.57	2,808.96	211.61	14.274		
12,600.00	7,001.00	10,064.44	7,051.90	166.69	118.42	91.19	-4,147.42	-5,135.78	3,019.62	2,799.86	219.76	13.741		
12,700.00	7,001.00	10,155.50	7,049.23	168.05	120.45	91.14	-4,149.04	-5,226.79	3,017.63	2,793.78	223.85	13.481		
12,800.00	7,001.00	10,277.84	7,047.67	169.44	123.21	91.11	-4,150.86	-5,349.10	3,016.02	2,785.64	230.38	13.092		
12,900.00	7,001.00	10,380.00	7,046.91	170.86	125.54	91.10	-4,153.85	-5,451.21	3,012.90	2,777.51	235.39	12.799		
13,000.00	7,001.00	10,450.45	7,046.66	172.30	127.16	91.10	-4,155.60	-5,521.63	3,010.45	2,772.45	238.00	12.649		
13,100.00	7,001.00	10,603.37	7,047.92	173.78	130.70	91.12	-4,158.31	-5,674.52	3,008.75	2,761.77	246.98	12.182		
13,200.00	7,001.00	10,718.17	7,048.22	175.28	133.40	91.13	-4,162.13	-5,789.26	3,005.25	2,752.21	253.04	11.876		
13,300.00	7,001.00	10,820.60	7,047.86	176.80	135.82	91.12	-4,165.81	-5,891.61	3,001.49	2,743.31	258.18	11.626		
13,400.00	7,001.00	10,888.96	7,047.07	178.36	137.44	91.11	-4,168.09	-5,959.93	2,998.05	2,737.32	260.72	11.499		
13,500.00	7,001.00	10,954.00	7,047.30	179.94	138.98	91.11	-4,169.03	-6,024.97	2,996.26	2,733.25	263.01	11.392		
13,574.03	7,001.00	10,981.55	7,047.68	181.13	139.63	91.12	-4,169.06	-6,052.51	2,995.84	2,732.76	263.08	11.388		
13,600.00	7,001.00	10,998.73	7,047.95	181.55	140.04	91.13	-4,169.01	-6,069.69	2,995.88	2,732.19	263.69	11.361		
13,700.00	7,001.00	11,066.64	7,049.22	183.18	141.65	91.15	-4,168.33	-6,137.58	2,996.73	2,730.56	266.17	11.259		
13,800.00	7,001.00	11,145.00	7,050.09	184.84	143.50	91.17	-4,166.79	-6,215.92	2,998.53	2,729.05	269.48	11.127		
13,900.00	7,001.00	11,219.20	7,050.35	186.52	145.25	91.17	-4,164.73	-6,290.09	3,001.12	2,728.66	272.46	11.015		
14,000.00	7,001.00	11,359.56	7,053.56	188.23	148.60	91.23	-4,161.32	-6,430.36	3,003.46	2,722.66	280.80	10.696		
14,100.00	7,001.00	11,457.73	7,057.10	189.97	150.96	91.30	-4,159.55	-6,528.45	3,005.17	2,719.42	285.75	10.517		
14,200.00	7,001.00	11,553.71	7,062.47	191.72	153.28	91.40	-4,158.09	-6,624.26	3,006.67	2,716.12	290.55	10.348		
14,300.00	7,001.00	11,623.00	7,067.14	193.50	154.96	91.49	-4,156.38	-6,693.37	3,009.10	2,715.89	293.21	10.263		
14,400.00	7,001.00	11,832.56	7,080.30	195.30	160.08	91.74	-4,153.47	-6,902.47	3,010.93	2,703.85	307.08	9.805		
14,500.00	7,001.00	11,909.86	7,083.67	197.13	161.99	91.80	-4,153.77	-6,979.69	3,010.51	2,700.07	310.44	9.697		
14,600.00	7,001.00	12,018.73	7,088.75	198.98	164.68	91.90	-4,153.93	-7,088.44	3,010.35	2,694.05	316.30	9.517		
14,691.22	7,001.00	12,100.00	7,091.14	200.68	166.70	91.94	-4,154.35	-7,169.68	3,009.86	2,689.64	320.22	9.399		
14,700.00	7,001.00	12,100.00	7,091.14	200.85	166.70	91.94	-4,154.35	-7,169.68	3,009.87	2,689.89	319.99	9.406		
14,800.00	7,001.00	12,169.74	7,091.92	202.73	168.43	91.96	-4,154.10	-7,239.41	3,010.28	2,687.53	322.75	9.327		
14,900.00	7,001.00	12,233.33	7,092.25	204.64	170.01	91.96	-4,152.70	-7,302.98	3,012.27	2,687.27	325.00	9.269		
15,000.00	7,001.00	12,318.41	7,092.79	206.57	172.11	91.97	-4,150.10	-7,388.02	3,015.16	2,686.19	328.97	9.165		
15,100.00	7,001.00	12,553.64	7,096.74	208.52	178.00	92.05	-4,147.26	-7,623.17	3,016.72	2,671.85	344.87	8.747		
15,200.00	7,001.00	12,628.04	7,098.21	210.49	179.88	92.08	-4,148.24	-7,697.55	3,015.40	2,667.32	348.09	8.663		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec 36-T7N-R67W - ICE MAN 2W-15-6N - ORIGINAL WELLBORE - WB #1 - PATT 901		Offset Site Error:		0.00 usft	
Survey Program:		130-MWD OWSG											Offset Well Error:		0.00 usft			
Reference		Offset		Semi Major Axis		Distance								Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor						
15,300.00	7,001.00	12,733.71	7,096.85	212.48	182.55	92.05	-4,148.57	-7,803.20	3,014.90	2,661.18	353.72	8.523						
15,400.00	7,001.00	12,871.30	7,093.66	214.48	186.04	91.99	-4,150.72	-7,940.73	3,012.95	2,651.15	361.80	8.328						
15,500.00	7,001.00	12,957.00	7,092.60	216.51	188.22	91.97	-4,152.06	-8,026.41	3,011.17	2,645.25	365.91	8.229						
15,600.00	7,001.00	13,103.50	7,092.25	218.55	191.96	91.97	-4,155.55	-8,172.87	3,008.53	2,633.87	374.66	8.030						
15,700.00	7,001.00	13,189.95	7,091.54	220.60	194.18	91.96	-4,158.04	-8,259.28	3,005.48	2,626.62	378.86	7.933						
15,800.00	7,001.00	13,338.00	7,095.18	222.68	197.98	92.03	-4,162.67	-8,407.20	3,002.41	2,614.72	387.69	7.744						
15,900.00	7,001.00	13,391.54	7,096.91	224.76	199.36	92.06	-4,164.80	-8,460.66	2,998.61	2,609.15	389.46	7.699						
16,000.00	7,001.00	13,434.00	7,097.63	226.87	200.45	92.08	-4,165.49	-8,503.11	2,996.86	2,606.57	390.29	7.679						
16,100.00	7,001.00	13,536.75	7,097.35	228.99	203.09	92.07	-4,166.10	-8,605.85	2,996.09	2,600.34	395.75	7.571						
16,200.00	7,001.00	13,663.84	7,095.14	231.12	206.36	92.03	-4,167.66	-8,732.91	2,994.61	2,591.53	403.09	7.429						
16,300.00	7,001.00	13,817.55	7,091.14	233.27	210.33	91.96	-4,171.05	-8,886.53	2,992.29	2,579.90	412.39	7.256						
16,400.00	7,001.00	13,955.07	7,087.24	235.43	213.90	91.89	-4,176.60	-9,023.88	2,987.97	2,567.58	420.39	7.108						
16,500.00	7,001.00	14,089.68	7,083.58	237.61	217.40	91.82	-4,183.87	-9,158.25	2,982.25	2,554.12	428.13	6.966						
16,600.00	7,001.00	14,145.65	7,082.12	239.79	218.86	91.79	-4,186.96	-9,214.11	2,976.69	2,546.48	430.21	6.919						
16,700.00	7,001.00	14,197.00	7,080.67	242.00	220.19	91.77	-4,188.49	-9,265.42	2,973.22	2,541.35	431.86	6.885						
16,800.00	7,001.00	14,257.78	7,078.75	244.21	221.77	91.73	-4,189.39	-9,326.16	2,971.26	2,537.12	434.14	6.844						
16,900.00	7,001.00	14,348.99	7,075.48	246.43	224.13	91.67	-4,190.45	-9,417.31	2,969.83	2,531.10	438.73	6.769						
17,000.00	7,001.00	14,413.98	7,073.08	248.67	225.82	91.62	-4,190.93	-9,482.24	2,968.92	2,527.65	441.27	6.728						
17,006.82	7,001.00	14,417.08	7,072.98	248.82	225.90	91.62	-4,190.93	-9,485.34	2,968.92	2,527.58	441.34	6.727						
17,100.00	7,001.00	14,482.00	7,071.52	250.92	227.58	91.59	-4,189.93	-9,550.24	2,969.90	2,525.90	444.01	6.689						
17,200.00	7,001.00	14,622.63	7,069.84	253.18	231.23	91.56	-4,189.05	-9,690.85	2,970.39	2,517.85	452.54	6.564						
17,263.68	7,001.00	14,674.00	7,068.50	254.62	232.57	91.53	-4,189.03	-9,742.20	2,970.27	2,515.33	454.94	6.529						
17,300.00	7,001.00	14,696.21	7,067.78	255.45	233.15	91.52	-4,188.91	-9,764.40	2,970.36	2,514.62	455.74	6.518						
17,400.00	7,001.00	14,769.00	7,065.48	257.73	235.04	91.47	-4,187.88	-9,837.14	2,971.47	2,512.63	458.85	6.476						
17,500.00	7,001.00	14,920.89	7,059.54	260.02	238.99	91.36	-4,185.99	-9,988.88	2,972.69	2,504.41	468.28	6.348						
17,600.00	7,001.00	15,055.00	7,049.47	262.32	242.48	91.17	-4,187.31	-10,122.58	2,971.24	2,495.06	476.17	6.240						
17,700.00	7,001.00	15,178.79	7,037.20	264.63	245.69	90.93	-4,189.25	-10,245.74	2,969.30	2,486.10	483.20	6.145						
17,800.00	7,001.00	15,246.00	7,030.99	266.95	247.44	90.81	-4,190.37	-10,312.66	2,967.42	2,481.47	485.95	6.106						
17,900.00	7,001.00	15,319.97	7,025.45	269.28	249.37	90.70	-4,190.89	-10,386.41	2,966.51	2,477.32	489.19	6.064						
17,928.88	7,001.00	15,341.00	7,024.16	269.95	249.92	90.68	-4,190.85	-10,407.41	2,966.49	2,476.39	490.10	6.053						
18,000.00	7,001.00	15,373.48	7,022.24	271.61	250.77	90.64	-4,190.55	-10,439.83	2,966.98	2,476.21	490.77	6.046						
18,100.00	7,001.00	15,437.00	7,018.29	273.96	252.42	90.57	-4,188.85	-10,503.20	2,969.23	2,476.16	493.07	6.022						
18,200.00	7,001.00	15,564.81	7,010.08	276.31	255.75	90.41	-4,185.42	-10,630.70	2,971.80	2,471.17	500.63	5.936						
18,300.00	7,001.00	15,751.22	6,996.57	278.67	260.63	90.15	-4,184.60	-10,816.60	2,972.11	2,459.40	512.71	5.797						
18,391.73	7,001.00	15,805.00	6,992.74	280.85	262.04	90.07	-4,185.19	-10,870.24	2,971.18	2,456.57	514.61	5.774						
18,400.00	7,001.00	15,805.00	6,992.74	281.04	262.04	90.07	-4,185.19	-10,870.24	2,971.19	2,456.80	514.39	5.776						
18,500.00	7,001.00	15,805.00	6,992.74	283.42	262.04	90.07	-4,185.19	-10,870.24	2,973.15	2,461.65	511.50	5.813						
18,600.00	7,001.00	15,805.00	6,992.74	285.80	262.04	90.07	-4,185.19	-10,870.24	2,978.47	2,470.39	508.09	5.862						
18,700.00	7,001.00	15,805.00	6,992.74	288.19	262.04	90.07	-4,185.19	-10,870.24	2,987.13	2,482.97	504.16	5.925						
18,800.00	7,001.00	15,805.00	6,992.74	290.59	262.04	90.07	-4,185.19	-10,870.24	2,999.10	2,499.34	499.76	6.001						
18,900.00	7,001.00	15,805.00	6,992.74	293.00	262.04	90.07	-4,185.19	-10,870.24	3,014.34	2,519.44	494.90	6.091						
19,000.00	7,001.00	15,805.00	6,992.74	295.41	262.04	90.07	-4,185.19	-10,870.24	3,032.81	2,543.19	489.62	6.194						
19,100.00	7,001.00	15,805.00	6,992.74	297.83	262.04	90.07	-4,185.19	-10,870.24	3,054.43	2,570.49	483.94	6.312						
19,200.00	7,001.00	15,805.00	6,992.74	300.25	262.04	90.07	-4,185.19	-10,870.24	3,079.16	2,601.24	477.91	6.443						
19,300.00	7,001.00	15,805.00	6,992.74	302.68	262.04	90.07	-4,185.19	-10,870.24	3,106.91	2,635.34	471.57	6.588						
19,400.00	7,001.00	15,805.00	6,992.74	305.12	262.04	90.07	-4,185.19	-10,870.24	3,137.60	2,672.65	464.95	6.748						
19,500.00	7,001.00	15,805.00	6,992.74	307.56	262.04	90.07	-4,185.19	-10,870.24	3,171.15	2,713.05	458.10	6.922						
19,600.00	7,001.00	15,805.00	6,992.74	310.01	262.04	90.07	-4,185.19	-10,870.24	3,207.47	2,756.42	451.05	7.111						
19,700.00	7,001.00	15,805.00	6,992.74	312.46	262.04	90.07	-4,185.19	-10,870.24	3,246.46	2,802.63	443.83	7.315						
19,800.00	7,001.00	15,805.00	6,992.74	314.92	262.04	90.07	-4,185.19	-10,870.24	3,288.03	2,851.53	436.50	7.533						
19,900.00	7,001.00	15,805.00	6,992.74	317.39	262.04	90.07	-4,185.19	-10,870.24	3,332.09	2,903.02	429.07	7.766						
20,000.00	7,001.00	15,805.00	6,992.74	319.85	262.04	90.07	-4,185.19	-10,870.24	3,378.53	2,956.94	421.59	8.014						

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 36-T7N-R67W - ICE MAN 2W-15-6N - ORIGINAL WELLBORE - WB #1 - PATT 901												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 130-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,100.00	7,001.00	15,805.00	6,992.74	322.33	262.04	90.07	-4,185.19	-10,870.24	3,427.26	3,013.18	414.08	8.277	
20,200.00	7,001.00	15,805.00	6,992.74	324.81	262.04	90.07	-4,185.19	-10,870.24	3,478.18	3,071.61	406.57	8.555	
20,300.00	7,001.00	15,805.00	6,992.74	327.29	262.04	90.07	-4,185.19	-10,870.24	3,531.21	3,132.11	399.09	8.848	
20,400.00	7,001.00	15,805.00	6,992.74	329.78	262.04	90.07	-4,185.19	-10,870.24	3,586.23	3,194.57	391.66	9.157	
20,500.00	7,001.00	15,805.00	6,992.74	332.27	262.04	90.07	-4,185.19	-10,870.24	3,643.17	3,258.88	384.29	9.480	
20,600.00	7,001.00	15,805.00	6,992.74	334.77	262.04	90.07	-4,185.19	-10,870.24	3,701.94	3,324.92	377.02	9.819	
20,700.00	7,001.00	15,805.00	6,992.74	337.27	262.04	90.07	-4,185.19	-10,870.24	3,762.45	3,392.61	369.84	10.173	
20,800.00	7,001.00	15,805.00	6,992.74	339.77	262.04	90.07	-4,185.19	-10,870.24	3,824.62	3,461.84	362.78	10.543	
20,900.00	7,001.00	15,805.00	6,992.74	342.28	262.04	90.07	-4,185.19	-10,870.24	3,888.36	3,532.52	355.84	10.927	
21,000.00	7,001.00	15,805.00	6,992.74	344.79	262.04	90.07	-4,185.19	-10,870.24	3,953.60	3,604.56	349.04	11.327	
21,100.00	7,001.00	15,805.00	6,992.74	347.31	262.04	90.07	-4,185.19	-10,870.24	4,020.28	3,677.90	342.38	11.742	
21,200.00	7,001.00	15,805.00	6,992.74	349.83	262.04	90.07	-4,185.19	-10,870.24	4,088.31	3,752.44	335.87	12.172	
21,300.00	7,001.00	15,805.00	6,992.74	352.35	262.04	90.07	-4,185.19	-10,870.24	4,157.64	3,828.12	329.52	12.617	
21,369.95	7,001.00	15,805.00	6,992.74	354.12	262.04	90.07	-4,185.19	-10,870.24	4,206.87	3,881.71	325.16	12.938	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	101.79	101.79	0.27	0.14	-170.04	-1,439.68	-252.79	1,461.77	1,461.35	0.41	3,552.628		
200.00	199.98	209.44	209.43	0.62	0.47	-14.90	-1,438.48	-252.21	1,458.88	1,457.80	1.09	1,343.496		
300.00	299.84	290.28	290.27	0.97	0.75	-14.98	-1,437.81	-251.84	1,452.95	1,451.23	1.72	844.865		
400.00	399.45	371.73	371.71	1.34	1.02	-15.08	-1,438.26	-252.14	1,445.13	1,442.77	2.36	612.470		
500.00	498.70	460.95	460.92	1.74	1.33	-15.22	-1,439.52	-253.28	1,434.95	1,431.91	3.03	472.821		
600.00	597.47	541.40	541.33	2.17	1.62	-15.36	-1,441.06	-254.88	1,422.10	1,418.41	3.69	385.489		
700.00	695.62	605.00	604.85	2.62	1.84	-15.49	-1,443.45	-257.17	1,407.98	1,403.69	4.29	328.209		
800.00	793.06	681.60	681.22	3.12	2.12	-15.64	-1,447.73	-261.05	1,392.54	1,387.59	4.95	281.313		
900.00	889.64	756.75	756.03	3.65	2.40	-15.79	-1,453.08	-265.90	1,375.50	1,369.88	5.62	244.892		
1,000.00	985.27	827.94	826.71	4.23	2.68	-15.93	-1,459.18	-271.78	1,356.87	1,350.58	6.28	215.999		
1,100.00	1,079.82	891.00	889.08	4.85	2.93	-16.05	-1,465.74	-278.34	1,337.13	1,330.21	6.93	192.995		
1,200.00	1,173.17	976.05	972.82	5.52	3.29	-16.14	-1,475.74	-289.30	1,315.81	1,308.13	7.68	171.245		
1,300.00	1,265.21	1,060.05	1,055.17	6.24	3.66	-16.19	-1,486.31	-302.09	1,292.38	1,283.92	8.46	152.808		
1,400.00	1,355.84	1,138.49	1,131.79	7.01	4.02	-16.25	-1,496.86	-315.15	1,266.81	1,257.58	9.23	137.270		
1,500.00	1,444.84	1,205.10	1,196.58	7.83	4.35	-16.34	-1,506.82	-326.97	1,239.70	1,229.74	9.97	124.354		
1,600.00	1,532.39	1,272.00	1,261.12	8.70	4.69	-16.42	-1,518.82	-339.86	1,212.28	1,201.55	10.73	112.979		
1,700.00	1,618.11	1,322.26	1,309.12	9.62	4.98	-16.52	-1,529.18	-350.55	1,184.50	1,173.06	11.44	103.542		
1,800.00	1,701.97	1,386.43	1,369.68	10.59	5.35	-16.54	-1,543.87	-365.82	1,156.44	1,144.21	12.23	94.555		
1,900.00	1,783.88	1,462.00	1,440.41	11.62	5.82	-16.54	-1,562.46	-384.87	1,127.22	1,114.11	13.10	86.024		
2,000.00	1,863.74	1,530.04	1,503.43	12.69	6.28	-16.54	-1,580.31	-403.26	1,096.80	1,082.84	13.97	78.538		
2,100.00	1,941.45	1,607.92	1,574.61	13.81	6.84	-16.45	-1,602.11	-426.14	1,065.42	1,050.52	14.90	71.504		
2,200.00	2,016.92	1,691.15	1,650.53	14.98	7.46	-16.39	-1,625.84	-450.65	1,031.51	1,015.62	15.89	64.912		
2,300.00	2,090.05	1,762.00	1,714.25	16.19	8.00	-16.34	-1,647.38	-472.90	996.66	979.83	16.83	59.231		
2,400.00	2,160.76	1,817.15	1,762.94	17.45	8.47	-16.30	-1,665.43	-491.47	961.49	943.80	17.69	54.344		
2,500.00	2,228.95	1,885.00	1,821.66	18.76	9.07	-16.15	-1,689.26	-515.71	926.27	907.63	18.64	49.684		
2,600.00	2,294.55	1,964.17	1,889.07	20.11	9.81	-15.84	-1,717.83	-545.81	889.70	870.02	19.68	45.213		
2,700.00	2,357.48	2,039.27	1,951.85	21.50	10.56	-15.44	-1,745.53	-576.32	851.73	831.03	20.69	41.165		
2,800.00	2,417.66	2,109.58	2,009.37	22.94	11.30	-14.95	-1,772.27	-606.65	812.81	791.14	21.67	37.512		
2,900.00	2,475.05	2,196.74	2,079.41	24.41	12.24	-14.14	-1,806.60	-645.54	772.89	750.15	22.74	33.986		
3,000.00	2,531.40	2,282.24	2,148.78	25.89	13.18	-13.19	-1,840.39	-682.36	731.65	707.86	23.79	30.749		
3,100.00	2,587.75	2,366.66	2,216.03	27.39	14.13	-12.03	-1,874.50	-720.31	692.22	667.44	24.78	27.934		
3,200.00	2,644.11	2,473.32	2,302.51	28.89	15.31	-10.62	-1,917.40	-765.64	651.90	626.01	25.89	25.179		
3,300.00	2,700.46	2,558.68	2,373.05	30.39	16.24	-9.59	-1,951.56	-799.47	610.44	583.59	26.86	22.730		
3,400.00	2,756.81	2,630.53	2,430.94	31.89	17.04	-8.49	-1,981.71	-829.49	571.98	544.31	27.67	20.670		
3,500.00	2,813.17	2,730.77	2,511.52	33.40	18.17	-6.85	-2,024.62	-870.87	534.54	505.90	28.64	18.666		
3,600.00	2,869.52	2,829.74	2,592.80	34.91	19.26	-5.29	-2,066.44	-908.80	495.40	465.81	29.59	16.743		
3,700.00	2,925.87	2,906.00	2,654.31	36.42	20.12	-3.57	-2,098.37	-940.58	457.98	427.66	30.32	15.105		
3,800.00	2,982.22	2,993.30	2,723.20	37.93	21.16	-0.97	-2,135.23	-979.53	423.24	392.16	31.09	13.614		
3,900.00	3,038.58	3,091.59	2,801.15	39.45	22.32	2.27	-2,177.14	-1,022.28	389.23	357.20	32.03	12.151		
4,000.00	3,094.93	3,197.59	2,887.32	40.96	23.52	6.08	-2,221.53	-1,065.16	353.69	320.45	33.24	10.640		
4,100.00	3,151.28	3,280.26	2,954.90	42.48	24.44	9.60	-2,256.02	-1,097.98	318.75	284.20	34.55	9.225		
4,200.00	3,207.63	3,377.39	3,034.10	44.00	25.53	14.61	-2,296.86	-1,136.61	285.84	249.21	36.64	7.802		
4,300.00	3,263.99	3,457.39	3,099.06	45.52	26.44	19.70	-2,330.60	-1,168.87	255.82	216.39	39.43	6.489		
4,400.00	3,320.34	3,554.61	3,176.77	47.04	27.57	27.47	-2,371.81	-1,210.27	231.30	186.98	44.32	5.218		
4,500.00	3,376.69	3,657.83	3,262.17	48.56	28.70	37.46	-2,413.80	-1,250.20	206.88	155.35	51.53	4.015		
4,600.00	3,433.05	3,741.63	3,332.64	50.08	29.60	47.58	-2,446.35	-1,281.75	187.37	126.85	60.52	3.096		
4,696.01	3,487.15	3,820.83	3,397.90	51.55	30.48	58.44	-2,476.82	-1,314.68	180.97	111.06	69.91	2.589 CC		
4,700.00	3,489.40	3,824.15	3,400.61	51.61	30.52	58.90	-2,478.10	-1,316.12	180.98	110.70	70.28	2.575		
4,800.00	3,545.75	3,914.31	3,473.81	53.13	31.55	71.17	-2,512.80	-1,355.70	187.37	108.57	78.80	2.378 ES, SF		
4,900.00	3,602.10	4,007.57	3,551.22	54.65	32.59	83.34	-2,547.29	-1,394.62	201.95	117.21	84.75	2.383		
5,000.00	3,658.46	4,100.65	3,627.84	56.18	33.63	93.31	-2,583.97	-1,432.65	223.12	135.24	87.88	2.539		
5,100.00	3,714.81	4,190.26	3,700.83	57.70	34.65	100.95	-2,620.65	-1,469.49	249.28	160.04	89.24	2.793		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,771.16	4,278.96	3,772.14	59.23	35.69	106.80	-2,657.05	-1,507.67	280.27	190.35	89.92	3.117		
5,300.00	3,827.51	4,372.62	3,847.00	60.75	36.80	111.66	-2,695.97	-1,548.33	313.49	222.78	90.71	3.456		
5,400.00	3,883.87	4,468.69	3,923.57	62.28	37.94	115.66	-2,736.84	-1,589.50	347.30	255.75	91.55	3.793		
5,500.00	3,940.22	4,564.48	3,999.74	63.80	39.07	118.96	-2,778.62	-1,629.86	381.08	288.70	92.37	4.125		
5,600.00	3,996.57	4,657.00	4,074.80	65.33	40.13	122.02	-2,818.41	-1,666.49	415.42	322.61	92.81	4.476		
5,700.00	4,052.93	4,748.20	4,149.33	66.86	41.16	124.74	-2,857.42	-1,701.73	450.60	357.44	93.16	4.837		
5,800.00	4,109.28	4,833.95	4,219.09	68.39	42.13	126.84	-2,893.93	-1,735.68	487.03	393.53	93.50	5.209		
5,900.00	4,165.63	4,913.00	4,283.02	69.91	43.05	128.35	-2,926.25	-1,769.09	526.16	432.30	93.85	5.606		
6,000.00	4,221.98	4,995.30	4,348.28	71.44	44.05	129.38	-2,959.06	-1,807.01	567.37	472.60	94.77	5.987		
6,100.00	4,278.34	5,085.13	4,418.51	72.97	45.16	130.16	-2,994.86	-1,850.06	609.13	512.83	96.30	6.326		
6,200.00	4,334.69	5,222.24	4,524.86	74.50	46.87	131.26	-3,053.84	-1,913.27	647.62	547.94	99.68	6.497		
6,300.00	4,391.04	5,312.87	4,595.92	76.03	47.97	132.16	-3,095.16	-1,951.41	683.04	582.11	100.94	6.767		
6,400.00	4,447.40	5,390.00	4,658.88	77.55	48.84	133.24	-3,128.91	-1,980.48	719.71	618.32	101.39	7.099		
6,500.00	4,503.75	5,476.40	4,730.31	79.08	49.79	134.42	-3,165.48	-2,012.47	757.94	655.91	102.03	7.429		
6,600.00	4,560.10	5,559.93	4,798.74	80.61	50.73	135.31	-3,200.26	-2,045.43	797.42	694.59	102.83	7.755		
6,700.00	4,616.45	5,665.85	4,884.19	82.14	51.97	136.13	-3,244.51	-2,089.68	837.29	732.72	104.57	8.007		
6,800.00	4,672.81	5,772.34	4,968.42	83.67	53.24	136.77	-3,291.70	-2,134.58	874.64	768.21	106.44	8.218		
6,900.00	4,729.16	5,862.08	5,039.91	85.20	54.30	137.34	-3,331.69	-2,171.25	911.75	804.01	107.73	8.463		
7,000.00	4,785.51	5,939.36	5,101.45	86.73	55.22	137.77	-3,365.59	-2,203.42	949.72	840.97	108.75	8.733		
7,100.00	4,841.86	6,011.17	5,158.91	88.26	56.07	138.11	-3,395.79	-2,234.13	989.61	879.95	109.65	9.025		
7,200.00	4,898.22	6,083.62	5,217.29	89.79	56.93	138.43	-3,425.01	-2,265.53	1,031.27	920.68	110.58	9.326		
7,300.00	4,954.57	6,192.28	5,304.61	91.32	58.21	138.84	-3,468.95	-2,312.99	1,072.87	960.15	112.72	9.518		
7,400.00	5,010.92	6,274.00	5,369.16	92.85	59.21	139.02	-3,502.59	-2,350.13	1,113.92	999.75	114.17	9.757		
7,500.00	5,067.28	6,348.54	5,428.75	94.38	60.09	139.23	-3,532.48	-2,383.46	1,156.02	1,040.71	115.31	10.025		
7,600.00	5,123.63	6,444.88	5,507.86	95.91	61.20	139.66	-3,569.90	-2,423.73	1,199.20	1,082.29	116.91	10.258		
7,700.00	5,179.98	6,518.74	5,568.26	97.44	62.04	139.95	-3,598.83	-2,454.89	1,242.17	1,124.29	117.88	10.538		
7,800.00	5,236.33	6,635.25	5,664.29	98.97	63.35	140.42	-3,643.38	-2,503.52	1,286.26	1,166.21	120.05	10.714		
7,900.00	5,292.69	6,737.42	5,747.97	100.50	64.51	140.84	-3,685.14	-2,544.66	1,327.46	1,205.73	121.73	10.905		
8,000.00	5,349.04	6,829.46	5,822.71	102.03	65.57	141.14	-3,722.86	-2,582.90	1,368.68	1,245.42	123.26	11.104		
8,100.00	5,405.39	6,932.61	5,905.93	103.56	66.78	141.41	-3,765.55	-2,626.38	1,409.54	1,284.40	125.14	11.263		
8,200.00	5,461.74	7,019.86	5,975.79	105.09	67.82	141.59	-3,802.01	-2,663.84	1,450.03	1,323.35	126.69	11.446		
8,300.00	5,518.10	7,099.03	6,038.93	106.62	68.76	141.72	-3,834.68	-2,698.67	1,491.05	1,362.98	128.07	11.643		
8,400.00	5,574.45	7,160.26	6,088.34	108.15	69.48	141.84	-3,869.35	-2,725.11	1,533.16	1,404.28	128.88	11.896		
8,500.00	5,630.80	7,229.00	6,145.46	109.68	70.25	142.04	-3,884.93	-2,753.54	1,577.88	1,448.11	129.77	12.159		
8,600.00	5,687.16	7,433.33	6,315.52	111.21	72.46	142.88	-3,968.38	-2,829.87	1,619.51	1,486.05	133.46	12.134		
8,700.00	5,743.51	7,530.65	6,394.45	112.75	73.57	143.19	-4,011.57	-2,866.97	1,657.46	1,522.51	134.95	12.282		
8,800.00	5,799.86	7,611.00	6,458.59	114.28	74.51	143.35	-4,047.09	-2,899.84	1,695.59	1,559.32	136.27	12.443		
8,900.00	5,856.21	7,730.23	6,552.67	115.81	75.95	143.51	-4,100.41	-2,950.05	1,733.16	1,594.58	138.58	12.506		
9,000.00	5,912.57	7,802.00	6,609.13	117.34	76.82	143.60	-4,132.90	-2,980.17	1,770.32	1,630.51	139.81	12.662		
9,100.00	5,968.92	7,868.22	6,661.47	118.87	77.62	143.67	-4,162.10	-3,008.32	1,808.74	1,667.83	140.91	12.836		
9,200.00	6,025.27	7,932.46	6,712.60	120.40	78.40	143.72	-4,189.08	-3,036.34	1,849.06	1,707.08	141.98	13.023		
9,300.00	6,081.63	8,008.75	6,773.01	121.93	79.32	143.75	-4,220.47	-3,070.76	1,890.26	1,746.83	143.43	13.179		
9,400.00	6,137.98	8,088.00	6,835.96	123.46	80.29	143.76	-4,252.38	-3,106.82	1,932.29	1,787.32	144.97	13.329		
9,500.00	6,194.33	8,156.56	6,890.73	125.00	81.11	143.78	-4,279.46	-3,137.92	1,975.07	1,828.88	146.19	13.510		
9,600.00	6,250.68	8,214.73	6,937.29	126.53	81.82	143.79	-4,301.95	-3,164.56	2,018.79	1,871.66	147.13	13.722		
9,700.00	6,307.04	8,279.00	6,988.37	128.06	82.60	143.74	-4,325.29	-3,195.80	2,064.39	1,916.07	148.33	13.918		
9,800.00	6,363.39	8,326.05	7,024.02	129.59	83.25	143.60	-4,341.46	-3,221.85	2,111.30	1,962.05	149.25	14.146		
9,900.00	6,419.74	8,395.58	7,070.39	131.12	84.26	143.08	-4,364.01	-3,268.37	2,159.12	2,007.58	151.54	14.248		
10,000.00	6,476.09	8,470.00	7,113.22	132.65	85.46	142.27	-4,386.33	-3,324.94	2,207.94	2,053.35	154.59	14.282		
10,100.00	6,532.45	8,558.90	7,155.92	134.18	87.01	141.06	-4,411.46	-3,398.69	2,257.31	2,098.39	158.92	14.204		
10,200.00	6,588.80	8,565.00	7,158.50	135.72	87.11	140.97	-4,413.15	-3,403.95	2,308.07	2,149.89	158.18	14.591		
10,300.00	6,645.15	8,620.28	7,179.97	137.25	88.11	140.09	-4,427.14	-3,452.91	2,360.28	2,199.67	160.62	14.695		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,701.51	8,661.00	7,193.46	138.78	88.85	139.38	-4,435.71	-3,490.35	2,415.30	2,253.22	162.08	14.902		
10,500.00	6,757.86	8,706.49	7,206.59	140.31	89.68	138.56	-4,444.55	-3,533.00	2,472.07	2,308.17	163.90	15.083		
10,600.00	6,813.28	8,756.00	7,219.02	141.87	90.60	129.42	-4,454.41	-3,579.89	2,527.96	2,362.13	165.84	15.244		
10,700.00	6,864.12	8,756.00	7,219.02	143.49	90.60	119.01	-4,454.41	-3,579.89	2,579.04	2,415.33	163.71	15.754		
10,800.00	6,908.67	8,804.38	7,229.12	145.14	91.48	110.27	-4,462.63	-3,626.47	2,622.11	2,457.48	164.63	15.927		
10,900.00	6,945.58	8,852.00	7,236.90	146.73	92.35	103.73	-4,467.73	-3,673.16	2,658.45	2,493.29	165.16	16.097		
11,000.00	6,973.71	8,852.00	7,236.90	148.22	92.35	99.35	-4,467.73	-3,673.16	2,684.84	2,523.00	161.84	16.590		
11,100.00	6,992.22	8,852.00	7,236.90	149.55	92.35	96.57	-4,467.73	-3,673.16	2,702.55	2,544.28	158.28	17.075		
11,200.00	7,000.54	8,915.31	7,242.12	150.69	93.45	95.38	-4,470.81	-3,736.13	2,709.12	2,549.66	159.46	16.989		
11,300.00	7,001.00	8,961.59	7,241.53	151.65	94.25	95.33	-4,471.01	-3,782.40	2,708.76	2,549.44	159.31	17.003		
11,400.00	7,001.00	9,206.42	7,244.25	152.64	98.62	95.40	-4,476.89	-4,027.10	2,706.81	2,532.08	174.73	15.491		
11,500.00	7,001.00	9,329.00	7,246.85	153.65	100.96	95.47	-4,484.78	-4,149.39	2,700.33	2,519.57	180.76	14.939		
11,600.00	7,001.00	9,376.43	7,247.70	154.69	101.86	95.49	-4,487.49	-4,196.73	2,694.83	2,513.90	180.93	14.894		
11,700.00	7,001.00	9,425.00	7,246.97	155.76	102.80	95.48	-4,488.82	-4,245.27	2,691.60	2,510.45	181.15	14.858		
11,800.00	7,001.00	9,520.00	7,243.82	156.85	104.62	95.42	-4,490.94	-4,340.19	2,688.91	2,503.81	185.10	14.527		
11,900.00	7,001.00	9,586.40	7,242.44	157.98	105.91	95.39	-4,492.28	-4,406.57	2,686.78	2,499.99	186.79	14.384		
11,957.15	7,001.00	9,616.00	7,242.39	158.64	106.48	95.39	-4,492.36	-4,436.16	2,686.51	2,499.44	187.07	14.361		
12,000.00	7,001.00	9,654.11	7,242.63	159.14	107.23	95.40	-4,492.25	-4,474.27	2,686.58	2,497.98	188.60	14.245		
12,100.00	7,001.00	9,756.24	7,244.07	160.32	109.24	95.43	-4,492.05	-4,576.39	2,686.74	2,493.46	193.28	13.901		
12,200.00	7,001.00	9,861.27	7,246.33	161.54	111.34	95.47	-4,492.09	-4,681.39	2,686.75	2,488.49	198.26	13.552		
12,259.98	7,001.00	9,918.87	7,246.69	162.28	112.51	95.48	-4,492.10	-4,738.99	2,686.68	2,485.86	200.82	13.379		
12,300.00	7,001.00	9,950.33	7,246.88	162.78	113.15	95.49	-4,492.01	-4,770.46	2,686.74	2,484.80	201.95	13.304		
12,400.00	7,001.00	10,030.50	7,247.69	164.06	114.79	95.50	-4,491.39	-4,850.62	2,687.45	2,482.53	204.92	13.115		
12,500.00	7,001.00	10,198.29	7,248.10	165.36	118.28	95.51	-4,490.29	-5,018.39	2,688.44	2,473.20	215.24	12.490		
12,568.46	7,001.00	10,227.38	7,248.37	166.27	118.89	95.52	-4,490.37	-5,047.47	2,688.05	2,472.87	215.18	12.492		
12,600.00	7,001.00	10,244.52	7,248.39	166.69	119.25	95.52	-4,490.30	-5,064.62	2,688.13	2,472.68	215.46	12.476		
12,700.00	7,001.00	10,309.89	7,247.45	168.05	120.64	95.49	-4,489.18	-5,129.97	2,689.46	2,472.21	217.26	12.379		
12,800.00	7,001.00	10,418.41	7,245.71	169.44	122.94	95.45	-4,486.83	-5,238.44	2,691.32	2,468.59	222.73	12.083		
12,900.00	7,001.00	10,589.39	7,243.08	170.86	126.66	95.40	-4,486.07	-5,409.40	2,691.40	2,457.90	233.50	11.526		
13,000.00	7,001.00	10,669.96	7,241.75	172.30	128.44	95.37	-4,486.40	-5,489.95	2,690.67	2,453.98	236.69	11.368		
13,100.00	7,001.00	10,843.89	7,237.92	173.78	132.35	95.29	-4,489.56	-5,663.81	2,688.21	2,440.50	247.71	10.852		
13,200.00	7,001.00	10,954.00	7,234.60	175.28	134.87	95.23	-4,493.06	-5,773.81	2,684.57	2,431.16	253.41	10.594		
13,300.00	7,001.00	10,998.97	7,233.37	176.80	135.89	95.21	-4,493.95	-5,818.75	2,682.12	2,428.39	253.72	10.571		
13,390.76	7,001.00	11,050.00	7,233.06	178.21	137.06	95.20	-4,494.07	-5,869.78	2,681.59	2,426.77	254.82	10.523		
13,400.00	7,001.00	11,050.00	7,233.06	178.36	137.06	95.20	-4,494.07	-5,869.78	2,681.61	2,427.12	254.49	10.537		
13,500.00	7,001.00	11,179.74	7,233.72	179.94	140.04	95.21	-4,493.77	-5,999.51	2,681.81	2,419.85	261.97	10.237		
13,600.00	7,001.00	11,325.13	7,234.77	181.55	143.43	95.24	-4,496.46	-6,144.87	2,679.72	2,408.97	270.76	9.897		
13,700.00	7,001.00	11,437.05	7,233.29	183.18	146.07	95.22	-4,499.14	-6,256.75	2,677.05	2,400.32	276.73	9.674		
13,800.00	7,001.00	11,527.00	7,230.09	184.84	148.20	95.15	-4,501.63	-6,346.61	2,673.87	2,392.99	280.88	9.520		
13,900.00	7,001.00	11,575.90	7,228.17	186.52	149.35	95.11	-4,502.40	-6,395.46	2,672.04	2,390.48	281.56	9.490		
13,926.58	7,001.00	11,586.06	7,227.85	186.98	149.59	95.11	-4,502.39	-6,405.61	2,671.96	2,390.47	281.49	9.492		
14,000.00	7,001.00	11,623.00	7,226.88	188.23	150.46	95.09	-4,501.82	-6,442.54	2,672.62	2,390.61	282.01	9.477		
14,100.00	7,001.00	11,661.83	7,226.40	189.97	151.37	95.07	-4,500.57	-6,481.35	2,675.30	2,393.63	281.67	9.498		
14,200.00	7,001.00	11,718.00	7,227.00	191.72	152.68	95.08	-4,497.90	-6,537.44	2,679.88	2,397.09	282.79	9.476		
14,300.00	7,001.00	11,793.05	7,228.68	193.50	154.43	95.11	-4,493.44	-6,612.34	2,685.78	2,400.17	285.61	9.404		
14,400.00	7,001.00	11,871.57	7,230.03	195.30	156.26	95.13	-4,488.25	-6,690.68	2,692.36	2,403.62	288.74	9.325		
14,500.00	7,001.00	12,169.10	7,230.71	197.13	163.33	95.12	-4,476.02	-6,987.79	2,697.53	2,386.24	311.29	8.666		
14,600.00	7,001.00	12,282.61	7,229.87	198.98	166.10	95.10	-4,476.24	-7,101.28	2,697.13	2,379.59	317.54	8.494		
14,700.00	7,001.00	12,387.05	7,227.39	200.85	168.66	95.05	-4,476.82	-7,205.69	2,696.20	2,373.18	323.02	8.347		
14,800.00	7,001.00	12,517.45	7,223.19	202.73	171.87	94.97	-4,478.38	-7,336.02	2,694.54	2,363.84	330.70	8.148		
14,900.00	7,001.00	12,630.77	7,223.63	204.64	174.68	94.98	-4,480.91	-7,449.30	2,692.19	2,355.25	336.94	7.990		
15,000.00	7,001.00	12,702.98	7,223.71	206.57	176.48	94.99	-4,482.59	-7,521.50	2,689.81	2,350.05	339.77	7.917		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 130-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,100.00	7,001.00	12,812.13	7,225.03	208.52	179.20	95.02	-4,483.65	-7,630.61	2,688.85	2,343.17	345.68	7.778		
15,200.00	7,001.00	12,998.84	7,228.11	210.49	183.89	95.09	-4,489.89	-7,817.16	2,685.66	2,327.74	357.92	7.503		
15,300.00	7,001.00	13,088.60	7,230.22	212.48	186.16	95.15	-4,495.08	-7,906.72	2,680.02	2,317.76	362.26	7.398		
15,400.00	7,001.00	13,147.00	7,231.07	214.48	187.63	95.17	-4,496.19	-7,965.10	2,677.24	2,313.20	364.04	7.354		
15,486.07	7,001.00	13,147.00	7,231.07	216.22	187.63	95.17	-4,496.19	-7,965.10	2,675.86	2,314.60	361.26	7.407		
15,500.00	7,001.00	13,147.00	7,231.07	216.51	187.63	95.17	-4,496.19	-7,965.10	2,675.90	2,315.11	360.78	7.417		
15,600.00	7,001.00	13,277.58	7,230.68	218.55	190.91	95.16	-4,496.70	-8,095.67	2,675.15	2,306.55	368.60	7.258		
15,636.76	7,001.00	13,297.70	7,230.34	219.30	191.42	95.15	-4,496.70	-8,115.78	2,675.04	2,305.95	369.09	7.248		
15,700.00	7,001.00	13,338.00	7,229.38	220.60	192.43	95.13	-4,496.29	-8,156.07	2,675.39	2,304.99	370.39	7.223		
15,800.00	7,001.00	13,476.53	7,228.34	222.68	195.92	95.11	-4,496.18	-8,294.59	2,675.13	2,296.20	378.92	7.060		
15,900.00	7,001.00	13,561.91	7,227.73	224.76	198.08	95.10	-4,496.19	-8,379.96	2,674.87	2,291.99	382.88	6.986		
15,915.31	7,001.00	13,576.28	7,227.63	225.09	198.45	95.10	-4,496.16	-8,394.33	2,674.87	2,291.27	383.60	6.973		
16,000.00	7,001.00	13,661.03	7,227.33	226.87	200.59	95.09	-4,495.95	-8,479.08	2,674.92	2,286.89	388.03	6.894		
16,100.00	7,001.00	13,778.63	7,226.26	228.99	203.58	95.07	-4,495.97	-8,596.68	2,674.67	2,279.91	394.76	6.775		
16,154.01	7,001.00	13,815.00	7,225.67	230.14	204.51	95.06	-4,496.15	-8,633.04	2,674.32	2,278.24	396.08	6.752		
16,200.00	7,001.00	13,815.00	7,225.67	231.12	204.51	95.06	-4,496.15	-8,633.04	2,674.72	2,280.24	394.47	6.780		
16,300.00	7,001.00	13,877.28	7,225.28	233.27	206.08	95.05	-4,495.33	-8,695.31	2,676.31	2,279.96	396.35	6.752		
16,400.00	7,001.00	13,920.45	7,225.85	235.43	207.17	95.05	-4,493.37	-8,738.43	2,680.61	2,284.22	396.40	6.762		
16,500.00	7,001.00	14,041.80	7,226.85	237.61	210.23	95.07	-4,487.50	-8,859.63	2,685.32	2,281.69	403.62	6.653		
16,600.00	7,001.00	14,392.62	7,232.20	239.79	219.23	95.19	-4,490.26	-9,210.07	2,683.02	2,252.81	430.21	6.236		
16,700.00	7,001.00	14,518.30	7,236.05	242.00	222.50	95.28	-4,497.54	-9,335.47	2,677.29	2,239.86	437.43	6.120		
16,800.00	7,001.00	14,606.63	7,237.02	244.21	224.79	95.31	-4,502.38	-9,423.67	2,671.76	2,229.99	441.77	6.048		
16,900.00	7,001.00	14,722.91	7,237.62	246.43	227.82	95.34	-4,508.82	-9,539.77	2,666.14	2,217.87	448.27	5.948		
17,000.00	7,001.00	14,821.71	7,238.48	248.67	230.39	95.37	-4,514.91	-9,638.37	2,659.92	2,206.49	453.43	5.866		
17,100.00	7,001.00	14,864.00	7,238.79	250.92	231.50	95.38	-4,517.34	-9,680.60	2,654.63	2,200.49	454.14	5.845		
17,200.00	7,001.00	14,960.00	7,237.57	253.18	233.99	95.36	-4,520.67	-9,776.52	2,650.89	2,191.80	459.09	5.774		
17,300.00	7,001.00	15,005.45	7,235.90	255.45	235.17	95.33	-4,521.23	-9,821.93	2,648.66	2,188.79	459.87	5.760		
17,400.00	7,001.00	15,082.68	7,232.27	257.73	237.17	95.25	-4,521.80	-9,899.07	2,647.36	2,184.12	463.24	5.715		
17,454.68	7,001.00	15,117.37	7,231.16	258.98	238.07	95.23	-4,521.77	-9,933.74	2,647.15	2,182.74	464.41	5.700		
17,500.00	7,001.00	15,151.00	7,230.61	260.02	238.94	95.21	-4,521.54	-9,967.37	2,647.30	2,181.51	465.79	5.683		
17,600.00	7,001.00	15,286.80	7,228.24	262.32	242.46	95.16	-4,521.09	-10,103.15	2,647.40	2,173.22	474.18	5.583		
17,700.00	7,001.00	15,375.90	7,225.90	264.63	244.78	95.11	-4,521.89	-10,192.21	2,646.17	2,167.62	478.55	5.530		
17,726.13	7,001.00	15,388.89	7,225.74	265.23	245.11	95.11	-4,521.88	-10,205.20	2,646.11	2,167.31	478.80	5.527		
17,800.00	7,001.00	15,437.00	7,225.80	266.95	246.37	95.11	-4,521.36	-10,253.31	2,646.68	2,166.22	480.46	5.509		
17,900.00	7,001.00	15,585.55	7,227.83	269.28	250.24	95.16	-4,521.08	-10,401.83	2,646.87	2,156.91	489.95	5.402		
18,000.00	7,001.00	15,669.11	7,227.89	271.61	252.42	95.16	-4,521.64	-10,485.39	2,646.09	2,152.25	493.85	5.358		
18,100.00	7,001.00	15,818.00	7,225.23	273.96	256.30	95.10	-4,521.80	-10,634.25	2,646.02	2,142.72	503.30	5.257		
18,200.00	7,001.00	15,914.00	7,223.24	276.31	258.82	95.06	-4,523.47	-10,730.22	2,643.93	2,135.65	508.28	5.202		
18,300.00	7,001.00	15,999.56	7,220.89	278.67	261.06	95.01	-4,524.39	-10,815.73	2,642.44	2,130.05	512.39	5.157		
18,382.07	7,001.00	16,045.00	7,219.41	280.62	262.25	94.98	-4,524.81	-10,861.15	2,641.56	2,127.92	513.63	5.143		
18,400.00	7,001.00	16,045.00	7,219.41	281.04	262.25	94.98	-4,524.81	-10,861.15	2,641.62	2,128.60	513.02	5.149		
18,500.00	7,001.00	16,045.00	7,219.41	283.42	262.25	94.98	-4,524.81	-10,861.15	2,644.19	2,134.98	509.21	5.193		
18,600.00	7,001.00	16,045.00	7,219.41	285.80	262.25	94.98	-4,524.81	-10,861.15	2,650.53	2,145.78	504.75	5.251		
18,700.00	7,001.00	16,045.00	7,219.41	288.19	262.25	94.98	-4,524.81	-10,861.15	2,660.62	2,160.96	499.66	5.325		
18,800.00	7,001.00	16,045.00	7,219.41	290.59	262.25	94.98	-4,524.81	-10,861.15	2,674.41	2,180.42	493.99	5.414		
18,900.00	7,001.00	16,045.00	7,219.41	293.00	262.25	94.98	-4,524.81	-10,861.15	2,691.85	2,204.07	487.78	5.519		
19,000.00	7,001.00	16,045.00	7,219.41	295.41	262.25	94.98	-4,524.81	-10,861.15	2,712.87	2,231.79	481.08	5.639		
19,100.00	7,001.00	16,045.00	7,219.41	297.83	262.25	94.98	-4,524.81	-10,861.15	2,737.38	2,263.44	473.94	5.776		
19,200.00	7,001.00	16,045.00	7,219.41	300.25	262.25	94.98	-4,524.81	-10,861.15	2,765.29	2,298.88	466.41	5.929		
19,300.00	7,001.00	16,045.00	7,219.41	302.68	262.25	94.98	-4,524.81	-10,861.15	2,796.50	2,337.94	458.56	6.098		
19,400.00	7,001.00	16,045.00	7,219.41	305.12	262.25	94.98	-4,524.81	-10,861.15	2,830.90	2,380.46	450.43	6.285		
19,500.00	7,001.00	16,045.00	7,219.41	307.56	262.25	94.98	-4,524.81	-10,861.15	2,868.37	2,426.28	442.10	6.488		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 36-T7N-R67W - ICE MAN 2W-15-7N - ORIGINAL WELLBORE - WB #1 - PATT 901												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 130-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
19,600.00	7,001.00	16,045.00	7,219.41	310.01	262.25	94.98	-4,524.81	-10,861.15	2,908.81	2,475.21	433.60	6.709	
19,700.00	7,001.00	16,045.00	7,219.41	312.46	262.25	94.98	-4,524.81	-10,861.15	2,952.07	2,527.09	424.99	6.946	
19,800.00	7,001.00	16,045.00	7,219.41	314.92	262.25	94.98	-4,524.81	-10,861.15	2,998.05	2,581.74	416.31	7.201	
19,900.00	7,001.00	16,045.00	7,219.41	317.39	262.25	94.98	-4,524.81	-10,861.15	3,046.62	2,639.00	407.62	7.474	
20,000.00	7,001.00	16,045.00	7,219.41	319.85	262.25	94.98	-4,524.81	-10,861.15	3,097.66	2,698.72	398.94	7.765	
20,100.00	7,001.00	16,045.00	7,219.41	322.33	262.25	94.98	-4,524.81	-10,861.15	3,151.04	2,760.72	390.32	8.073	
20,200.00	7,001.00	16,045.00	7,219.41	324.81	262.25	94.98	-4,524.81	-10,861.15	3,206.66	2,824.88	381.78	8.399	
20,300.00	7,001.00	16,045.00	7,219.41	327.29	262.25	94.98	-4,524.81	-10,861.15	3,264.39	2,891.03	373.36	8.743	
20,400.00	7,001.00	16,045.00	7,219.41	329.78	262.25	94.98	-4,524.81	-10,861.15	3,324.13	2,959.06	365.07	9.106	
20,500.00	7,001.00	16,045.00	7,219.41	332.27	262.25	94.98	-4,524.81	-10,861.15	3,385.77	3,028.83	356.93	9.486	
20,600.00	7,001.00	16,045.00	7,219.41	334.77	262.25	94.98	-4,524.81	-10,861.15	3,449.20	3,100.24	348.97	9.884	
20,700.00	7,001.00	16,045.00	7,219.41	337.27	262.25	94.98	-4,524.81	-10,861.15	3,514.34	3,173.15	341.18	10.300	
20,800.00	7,001.00	16,045.00	7,219.41	339.77	262.25	94.98	-4,524.81	-10,861.15	3,581.08	3,247.49	333.60	10.735	
20,900.00	7,001.00	16,045.00	7,219.41	342.28	262.25	94.98	-4,524.81	-10,861.15	3,649.35	3,323.14	326.21	11.187	
21,000.00	7,001.00	16,045.00	7,219.41	344.79	262.25	94.98	-4,524.81	-10,861.15	3,719.05	3,400.02	319.03	11.657	
21,100.00	7,001.00	16,045.00	7,219.41	347.31	262.25	94.98	-4,524.81	-10,861.15	3,790.11	3,478.05	312.06	12.145	
21,200.00	7,001.00	16,045.00	7,219.41	349.83	262.25	94.98	-4,524.81	-10,861.15	3,862.45	3,557.14	305.31	12.651	
21,300.00	7,001.00	16,045.00	7,219.41	352.35	262.25	94.98	-4,524.81	-10,861.15	3,936.00	3,637.24	298.76	13.174	
21,369.95	7,001.00	16,045.00	7,219.41	354.12	262.25	94.98	-4,524.81	-10,861.15	3,988.13	3,693.82	294.31	13.551	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	1.00	0.00	0.00	-106.60	-19.31	-64.77	67.59					
100.00	100.00	101.00	101.00	0.27	0.27	-106.60	-19.31	-64.77	67.59	67.04	0.54	124.859		
200.00	199.98	200.98	200.98	0.62	0.63	49.74	-19.31	-64.77	66.44	65.20	1.25	53.300		
300.00	299.84	300.84	300.84	0.97	0.99	53.41	-19.31	-64.77	63.19	61.23	1.96	32.249		
400.00	399.45	400.00	400.00	1.34	1.34	60.32	-19.31	-64.77	58.41	55.72	2.69	21.748		
500.00	498.70	498.91	498.89	1.74	1.68	70.06	-20.78	-65.64	54.14	50.72	3.42	15.832		
600.00	597.47	597.72	597.56	2.17	2.02	81.15	-25.18	-68.24	52.00	47.82	4.18	12.436		
637.84	634.69	635.20	634.93	2.34	2.15	85.54	-27.61	-69.68	51.82	47.33	4.49	11.546 CC		
700.00	695.62	696.88	696.35	2.62	2.37	92.74	-32.54	-72.59	52.31	47.31	4.99	10.479 ES		
800.00	793.06	796.39	795.13	3.12	2.74	103.69	-42.88	-78.70	55.06	49.22	5.84	9.429		
900.00	889.64	896.26	893.78	3.65	3.13	113.19	-56.22	-86.59	59.95	53.24	6.71	8.937		
1,000.00	985.27	996.49	992.19	4.23	3.56	120.94	-72.57	-96.26	66.55	58.95	7.59	8.765		
1,100.00	1,079.82	1,097.09	1,090.23	4.85	4.02	127.03	-91.96	-107.72	74.42	65.92	8.49	8.762		
1,200.00	1,173.17	1,198.04	1,187.76	5.52	4.53	131.75	-114.38	-120.97	83.22	73.80	9.41	8.839		
1,300.00	1,265.21	1,299.36	1,284.66	6.24	5.08	135.38	-139.84	-136.02	92.70	82.33	10.37	8.943		
1,400.00	1,355.84	1,401.05	1,380.80	7.01	5.67	138.16	-168.34	-152.87	102.68	91.33	11.35	9.046		
1,500.00	1,444.94	1,503.10	1,476.04	7.83	6.33	140.29	-199.88	-171.52	113.04	100.66	12.38	9.132		
1,600.00	1,532.39	1,605.51	1,570.25	8.70	7.03	141.90	-234.45	-191.95	123.68	110.23	13.45	9.195		
1,700.00	1,618.11	1,708.30	1,663.29	9.62	7.80	143.11	-272.03	-214.17	134.55	119.97	14.58	9.230		
1,800.00	1,701.97	1,811.44	1,755.03	10.59	8.62	144.01	-312.61	-238.16	145.58	129.82	15.76	9.237		
1,900.00	1,783.88	1,914.95	1,845.32	11.62	9.50	144.65	-356.17	-263.91	156.74	139.73	17.00	9.218		
2,000.00	1,863.74	2,018.82	1,934.04	12.69	10.45	145.07	-402.67	-291.40	168.00	149.68	18.31	9.174		
2,100.00	1,941.45	2,123.05	2,021.03	13.81	11.45	145.33	-452.08	-320.61	179.33	159.64	19.69	9.107		
2,200.00	2,016.92	2,227.64	2,106.16	14.98	12.52	145.44	-504.37	-351.52	190.72	169.57	21.15	9.019		
2,300.00	2,090.05	2,332.58	2,189.30	16.19	13.65	145.44	-559.49	-384.10	202.14	179.46	22.68	8.913		
2,400.00	2,160.76	2,437.87	2,270.30	17.45	14.84	145.33	-617.39	-418.33	213.58	189.29	24.29	8.792		
2,500.00	2,228.95	2,543.51	2,349.03	18.76	16.10	145.13	-678.01	-454.17	225.03	199.03	25.99	8.657		
2,600.00	2,294.55	2,649.48	2,425.35	20.11	17.41	144.86	-741.30	-491.58	236.47	208.69	27.78	8.511		
2,700.00	2,357.48	2,755.79	2,499.12	21.50	18.78	144.53	-807.19	-530.53	247.89	218.23	29.66	8.357		
2,800.00	2,417.66	2,860.64	2,569.12	22.94	20.18	144.15	-874.37	-570.25	259.36	227.73	31.63	8.200		
2,900.00	2,475.05	2,959.73	2,634.48	24.41	21.53	144.10	-938.49	-608.15	272.78	239.24	33.54	8.133		
3,000.00	2,531.40	3,058.68	2,699.74	25.89	22.89	144.32	-1,002.51	-646.00	287.23	251.82	35.41	8.112		
3,100.00	2,587.75	3,157.62	2,765.00	27.39	24.25	144.52	-1,066.54	-683.85	301.67	264.39	37.28	8.091		
3,200.00	2,644.11	3,256.57	2,830.25	28.89	25.62	144.70	-1,130.56	-721.70	316.12	276.95	39.16	8.072		
3,300.00	2,700.46	3,355.51	2,895.51	30.39	26.99	144.86	-1,194.59	-759.54	330.57	289.52	41.05	8.053		
3,400.00	2,756.81	3,454.46	2,960.77	31.89	28.37	145.01	-1,258.61	-797.39	345.02	302.08	42.94	8.034		
3,500.00	2,813.17	3,553.41	3,026.03	33.40	29.75	145.15	-1,322.63	-835.24	359.48	314.64	44.84	8.017		
3,600.00	2,869.52	3,652.35	3,091.29	34.91	31.13	145.28	-1,386.66	-873.09	373.94	327.20	46.74	8.001		
3,700.00	2,925.87	3,751.30	3,156.55	36.42	32.52	145.40	-1,450.68	-910.94	388.39	339.75	48.64	7.985		
3,800.00	2,982.22	3,850.25	3,221.81	37.93	33.90	145.51	-1,514.71	-948.79	402.85	352.31	50.55	7.970		
3,900.00	3,038.58	3,949.19	3,287.07	39.45	35.29	145.61	-1,578.73	-986.63	417.32	364.86	52.45	7.956		
4,000.00	3,094.93	4,048.14	3,352.33	40.96	36.68	145.71	-1,642.76	-1,024.48	431.78	377.42	54.36	7.942		
4,100.00	3,151.28	4,147.08	3,417.58	42.48	38.07	145.80	-1,706.78	-1,062.33	446.24	389.97	56.28	7.930		
4,200.00	3,207.63	4,246.03	3,482.84	44.00	39.47	145.88	-1,770.80	-1,100.18	460.71	402.52	58.19	7.917		
4,300.00	3,263.99	4,344.98	3,548.10	45.52	40.86	145.96	-1,834.83	-1,138.03	475.18	415.07	60.11	7.906		
4,400.00	3,320.34	4,443.92	3,613.36	47.04	42.26	146.03	-1,898.85	-1,175.88	489.64	427.62	62.02	7.895		
4,500.00	3,376.69	4,542.87	3,678.62	48.56	43.66	146.10	-1,962.88	-1,213.73	504.11	440.17	63.94	7.884		
4,600.00	3,433.05	4,641.81	3,743.88	50.08	45.05	146.17	-2,026.90	-1,251.57	518.58	452.72	65.86	7.874		
4,700.00	3,489.40	4,740.76	3,809.14	51.61	46.45	146.23	-2,090.92	-1,289.42	533.05	465.27	67.78	7.865		
4,800.00	3,545.75	4,839.71	3,874.40	53.13	47.85	146.29	-2,154.95	-1,327.27	547.52	477.82	69.70	7.855		
4,900.00	3,602.10	4,938.65	3,939.66	54.65	49.25	146.35	-2,218.97	-1,365.12	561.99	490.37	71.62	7.847		
5,000.00	3,658.46	5,037.60	4,004.91	56.18	50.65	146.40	-2,283.00	-1,402.97	576.46	502.91	73.54	7.838		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	3,714.81	5,136.54	4,070.17	57.70	52.06	146.45	-2,347.02	-1,440.82	590.93	515.46	75.47	7.830		
5,200.00	3,771.16	5,235.49	4,135.43	59.23	53.46	146.50	-2,411.05	-1,478.66	605.40	528.01	77.39	7.823		
5,300.00	3,827.51	5,334.44	4,200.69	60.75	54.86	146.54	-2,475.07	-1,516.51	619.87	540.56	79.32	7.815		
5,400.00	3,883.87	5,433.38	4,265.95	62.28	56.26	146.59	-2,539.09	-1,554.36	634.34	553.10	81.24	7.808		
5,500.00	3,940.22	5,532.33	4,331.21	63.80	57.67	146.63	-2,603.12	-1,592.21	648.82	565.65	83.17	7.801		
5,600.00	3,996.57	5,631.27	4,396.47	65.33	59.07	146.67	-2,667.14	-1,630.06	663.29	578.20	85.09	7.795		
5,700.00	4,052.93	5,730.22	4,461.73	66.86	60.47	146.71	-2,731.17	-1,667.91	677.76	590.74	87.02	7.789		
5,800.00	4,109.28	5,829.17	4,526.99	68.39	61.88	146.74	-2,795.19	-1,705.75	692.24	603.29	88.95	7.782		
5,900.00	4,165.63	5,928.11	4,592.24	69.91	63.28	146.78	-2,859.22	-1,743.60	706.71	615.84	90.88	7.777		
6,000.00	4,221.98	6,027.06	4,657.50	71.44	64.69	146.81	-2,923.24	-1,781.45	721.18	628.38	92.80	7.771		
6,100.00	4,278.34	6,126.01	4,722.76	72.97	66.09	146.85	-2,987.26	-1,819.30	735.66	640.93	94.73	7.766		
6,200.00	4,334.69	6,224.95	4,788.02	74.50	67.50	146.88	-3,051.29	-1,857.15	750.13	653.47	96.66	7.760		
6,300.00	4,391.04	6,323.90	4,853.28	76.03	68.91	146.91	-3,115.31	-1,895.00	764.61	666.02	98.59	7.755		
6,400.00	4,447.40	6,422.84	4,918.54	77.55	70.31	146.94	-3,179.34	-1,932.85	779.08	678.56	100.52	7.751		
6,500.00	4,503.75	6,521.79	4,983.80	79.08	71.72	146.96	-3,243.36	-1,970.69	793.56	691.11	102.45	7.746		
6,600.00	4,560.10	6,620.74	5,049.06	80.61	73.13	146.99	-3,307.38	-2,008.54	808.03	703.66	104.38	7.741		
6,700.00	4,616.45	6,719.68	5,114.32	82.14	74.53	147.02	-3,371.41	-2,046.39	822.51	716.20	106.31	7.737		
6,800.00	4,672.81	6,818.63	5,179.57	83.67	75.94	147.04	-3,435.43	-2,084.24	836.99	728.75	108.24	7.733		
6,900.00	4,729.16	6,917.57	5,244.83	85.20	77.35	147.07	-3,499.46	-2,122.09	851.46	741.29	110.17	7.729		
7,000.00	4,785.51	7,016.52	5,310.09	86.73	78.75	147.09	-3,563.48	-2,159.94	865.94	753.84	112.10	7.725		
7,100.00	4,841.86	7,115.47	5,375.35	88.26	80.16	147.11	-3,627.51	-2,197.78	880.41	766.38	114.03	7.721		
7,200.00	4,898.22	7,214.41	5,440.61	89.79	81.57	147.13	-3,691.53	-2,235.63	894.89	778.93	115.96	7.717		
7,300.00	4,954.57	7,313.36	5,505.87	91.32	82.98	147.15	-3,755.55	-2,273.48	909.37	791.47	117.89	7.713		
7,400.00	5,010.92	7,412.30	5,571.13	92.85	84.39	147.18	-3,819.58	-2,311.33	923.84	804.02	119.83	7.710		
7,500.00	5,067.28	7,511.25	5,636.39	94.38	85.79	147.19	-3,883.60	-2,349.18	938.32	816.56	121.76	7.706		
7,600.00	5,123.63	7,610.20	5,701.65	95.91	87.20	147.21	-3,947.63	-2,387.03	952.79	829.11	123.69	7.703		
7,700.00	5,179.98	7,709.14	5,766.90	97.44	88.61	147.23	-4,011.65	-2,424.88	967.27	841.65	125.62	7.700		
7,800.00	5,236.33	7,808.09	5,832.16	98.97	90.02	147.25	-4,075.68	-2,462.72	981.75	854.19	127.55	7.697		
7,900.00	5,292.69	7,907.03	5,897.42	100.50	91.43	147.27	-4,139.70	-2,500.57	996.23	866.74	129.49	7.694		
8,000.00	5,349.04	8,005.98	5,962.68	102.03	92.84	147.29	-4,203.72	-2,538.42	1,010.70	879.28	131.42	7.691		
8,100.00	5,405.39	8,104.93	6,027.94	103.56	94.24	147.30	-4,267.75	-2,576.27	1,025.18	891.83	133.35	7.688		
8,200.00	5,461.74	8,203.87	6,093.20	105.09	95.65	147.32	-4,331.77	-2,614.12	1,039.66	904.37	135.28	7.685		
8,300.00	5,518.10	8,302.82	6,158.46	106.62	97.06	147.33	-4,395.80	-2,651.97	1,054.13	916.92	137.22	7.682		
8,400.00	5,574.45	8,401.77	6,223.72	108.15	98.47	147.35	-4,459.82	-2,689.81	1,068.61	929.46	139.15	7.680		
8,500.00	5,630.80	8,500.71	6,288.98	109.68	99.88	147.36	-4,523.84	-2,727.66	1,083.09	942.01	141.08	7.677		
8,600.00	5,687.16	8,599.66	6,354.23	111.21	101.29	147.38	-4,587.87	-2,765.51	1,097.57	954.55	143.02	7.674		
8,700.00	5,743.51	8,698.60	6,419.49	112.75	102.70	147.39	-4,651.89	-2,803.36	1,112.04	967.10	144.95	7.672		
8,800.00	5,799.86	8,797.55	6,484.75	114.28	104.11	147.41	-4,715.92	-2,841.21	1,126.52	979.64	146.88	7.670		
8,900.00	5,856.21	8,896.50	6,550.01	115.81	105.52	147.42	-4,779.94	-2,879.06	1,141.00	992.18	148.82	7.667		
9,000.00	5,912.57	8,995.44	6,615.27	117.34	106.93	147.43	-4,843.97	-2,916.91	1,155.48	1,004.73	150.75	7.665		
9,100.00	5,968.92	9,094.39	6,680.53	118.87	108.34	147.45	-4,907.99	-2,954.75	1,169.95	1,017.27	152.68	7.663		
9,200.00	6,025.27	9,193.33	6,745.79	120.40	109.74	147.46	-4,972.01	-2,992.60	1,184.43	1,029.82	154.62	7.660		
9,300.00	6,081.63	9,292.28	6,811.05	121.93	111.15	147.47	-5,036.04	-3,030.45	1,198.91	1,042.36	156.55	7.658		
9,400.00	6,137.98	9,391.23	6,876.31	123.46	112.56	147.48	-5,100.06	-3,068.30	1,213.39	1,054.91	158.48	7.656		
9,500.00	6,194.33	9,490.17	6,941.56	125.00	113.97	147.49	-5,164.09	-3,106.15	1,227.87	1,067.45	160.42	7.654		
9,600.00	6,250.68	9,589.12	7,006.82	126.53	115.38	147.51	-5,228.11	-3,144.00	1,242.34	1,079.99	162.35	7.652		
9,700.00	6,307.04	9,688.13	7,070.80	128.06	116.77	147.52	-5,290.88	-3,181.11	1,256.83	1,092.57	164.26	7.652		
9,800.00	6,363.39	9,750.00	7,111.75	129.59	117.71	147.35	-5,331.05	-3,209.13	1,272.85	1,106.84	166.02	7.667		
9,900.00	6,419.74	9,810.07	7,148.00	131.12	118.64	146.91	-5,366.63	-3,241.15	1,291.72	1,123.46	168.26	7.677		
10,000.00	6,476.09	9,867.81	7,180.41	132.65	119.56	146.25	-5,398.43	-3,276.78	1,313.61	1,142.74	170.87	7.688		
10,100.00	6,532.45	9,921.51	7,208.12	134.18	120.43	145.43	-5,425.61	-3,313.86	1,338.75	1,165.17	173.57	7.713		
10,200.00	6,588.80	9,970.75	7,231.24	135.72	121.24	144.53	-5,448.31	-3,350.92	1,367.39	1,191.26	176.13	7.764		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,645.15	10,015.42	7,250.18	137.25	121.96	143.59	-5,466.90	-3,386.83	1,399.74	1,221.41	178.33	7.849		
10,400.00	6,701.51	10,050.00	7,263.44	138.78	122.52	142.79	-5,479.91	-3,415.99	1,435.96	1,256.50	179.45	8.002		
10,500.00	6,757.86	10,100.00	7,280.34	140.31	123.32	141.54	-5,496.50	-3,460.01	1,476.09	1,294.03	182.07	8.107		
10,600.00	6,813.28	10,125.33	7,287.84	141.87	123.71	133.75	-5,503.86	-3,483.06	1,518.48	1,336.93	181.54	8.364		
10,700.00	6,864.12	10,150.00	7,294.43	143.49	124.09	124.04	-5,510.34	-3,505.93	1,557.75	1,378.23	179.52	8.677		
10,800.00	6,908.67	10,200.00	7,305.62	145.14	124.84	115.77	-5,521.32	-3,553.39	1,591.98	1,412.70	179.28	8.880		
10,900.00	6,945.58	10,233.55	7,311.45	146.73	125.31	109.61	-5,527.05	-3,585.92	1,620.30	1,444.15	176.15	9.198		
11,000.00	6,973.71	10,271.31	7,316.37	148.22	125.83	105.16	-5,531.88	-3,623.04	1,641.83	1,469.02	172.81	9.501		
11,100.00	6,992.22	10,300.00	7,318.93	149.55	126.22	102.39	-5,534.41	-3,651.50	1,656.02	1,488.18	167.83	9.867		
11,200.00	7,000.54	10,350.00	7,320.96	150.69	126.84	101.13	-5,536.42	-3,701.41	1,662.28	1,496.99	165.29	10.057		
11,300.00	7,001.00	10,432.49	7,321.00	151.65	127.83	101.06	-5,536.48	-3,783.89	1,662.48	1,495.65	166.83	9.965		
11,400.00	7,001.00	10,532.49	7,321.00	152.64	129.06	101.06	-5,536.50	-3,883.89	1,662.29	1,491.62	170.67	9.740		
11,500.00	7,001.00	10,632.49	7,321.00	153.65	130.32	101.07	-5,536.53	-3,983.89	1,662.10	1,487.51	174.59	9.520		
11,600.00	7,001.00	10,732.49	7,321.00	154.69	131.62	101.07	-5,536.56	-4,083.89	1,661.91	1,483.32	178.59	9.306		
11,700.00	7,001.00	10,832.49	7,321.00	155.76	132.95	101.07	-5,536.59	-4,183.89	1,661.72	1,479.07	182.65	9.098		
11,800.00	7,001.00	10,932.49	7,321.00	156.85	134.32	101.07	-5,536.62	-4,283.89	1,661.53	1,474.75	186.78	8.895		
11,900.00	7,001.00	11,032.49	7,321.00	157.98	135.72	101.07	-5,536.65	-4,383.89	1,661.34	1,470.37	190.98	8.699		
12,000.00	7,001.00	11,132.49	7,321.00	159.14	137.15	101.07	-5,536.68	-4,483.89	1,661.15	1,465.93	195.22	8.509		
12,100.00	7,001.00	11,232.49	7,321.00	160.32	138.62	101.07	-5,536.71	-4,583.89	1,660.96	1,461.43	199.53	8.324		
12,200.00	7,001.00	11,332.49	7,321.00	161.54	140.12	101.07	-5,536.73	-4,683.89	1,660.77	1,456.89	203.88	8.146		
12,300.00	7,001.00	11,432.49	7,321.00	162.78	141.65	101.08	-5,536.76	-4,783.89	1,660.58	1,452.30	208.28	7.973		
12,400.00	7,001.00	11,532.49	7,321.00	164.06	143.22	101.08	-5,536.79	-4,883.89	1,660.39	1,447.67	212.72	7.805		
12,500.00	7,001.00	11,632.49	7,321.00	165.36	144.81	101.08	-5,536.82	-4,983.89	1,660.20	1,442.99	217.21	7.643		
12,600.00	7,001.00	11,732.49	7,321.00	166.69	146.44	101.08	-5,536.85	-5,083.89	1,660.01	1,438.28	221.73	7.486		
12,700.00	7,001.00	11,832.49	7,321.00	168.05	148.09	101.08	-5,536.88	-5,183.89	1,659.82	1,433.53	226.30	7.335		
12,800.00	7,001.00	11,932.49	7,321.00	169.44	149.78	101.08	-5,536.91	-5,283.89	1,659.63	1,428.74	230.89	7.188		
12,900.00	7,001.00	12,032.49	7,321.00	170.86	151.50	101.08	-5,536.94	-5,383.89	1,659.44	1,423.92	235.52	7.046		
13,000.00	7,001.00	12,132.49	7,321.00	172.30	153.24	101.08	-5,536.96	-5,483.89	1,659.25	1,419.07	240.18	6.908		
13,100.00	7,001.00	12,232.49	7,321.00	173.78	155.01	101.09	-5,536.99	-5,583.89	1,659.06	1,414.20	244.86	6.775		
13,200.00	7,001.00	12,332.49	7,321.00	175.28	156.81	101.09	-5,537.02	-5,683.89	1,658.87	1,409.29	249.58	6.647		
13,300.00	7,001.00	12,432.48	7,321.00	176.80	158.63	101.09	-5,537.05	-5,783.89	1,658.68	1,404.36	254.32	6.522		
13,400.00	7,001.00	12,532.48	7,321.00	178.36	160.48	101.09	-5,537.08	-5,883.89	1,658.49	1,399.41	259.08	6.401		
13,500.00	7,001.00	12,632.48	7,321.00	179.94	162.36	101.09	-5,537.11	-5,983.89	1,658.30	1,394.43	263.87	6.285		
13,600.00	7,001.00	12,732.48	7,321.00	181.55	164.26	101.09	-5,537.14	-6,083.89	1,658.11	1,389.43	268.68	6.171		
13,700.00	7,001.00	12,832.48	7,321.00	183.18	166.18	101.09	-5,537.17	-6,183.89	1,657.92	1,384.41	273.51	6.062		
13,800.00	7,001.00	12,932.48	7,321.00	184.84	168.13	101.09	-5,537.19	-6,283.89	1,657.73	1,379.37	278.36	5.955		
13,900.00	7,001.00	13,032.48	7,321.00	186.52	170.10	101.10	-5,537.22	-6,383.89	1,657.54	1,374.31	283.23	5.852		
14,000.00	7,001.00	13,132.48	7,321.00	188.23	172.09	101.10	-5,537.25	-6,483.89	1,657.35	1,369.24	288.11	5.752		
14,100.00	7,001.00	13,232.48	7,321.00	189.97	174.10	101.10	-5,537.28	-6,583.89	1,657.16	1,364.15	293.01	5.656		
14,200.00	7,001.00	13,332.48	7,321.00	191.72	176.13	101.10	-5,537.31	-6,683.89	1,656.97	1,359.04	297.93	5.562		
14,300.00	7,001.00	13,432.48	7,321.00	193.50	178.19	101.10	-5,537.34	-6,783.89	1,656.78	1,353.92	302.86	5.470		
14,400.00	7,001.00	13,532.48	7,321.00	195.30	180.26	101.10	-5,537.37	-6,883.89	1,656.59	1,348.78	307.81	5.382		
14,500.00	7,001.00	13,632.48	7,321.00	197.13	182.35	101.10	-5,537.40	-6,983.89	1,656.40	1,343.63	312.77	5.296		
14,600.00	7,001.00	13,732.48	7,321.00	198.98	184.45	101.11	-5,537.42	-7,083.89	1,656.21	1,338.47	317.74	5.212		
14,700.00	7,001.00	13,832.48	7,321.00	200.85	186.58	101.11	-5,537.45	-7,183.89	1,656.02	1,333.29	322.73	5.131		
14,800.00	7,001.00	13,932.48	7,321.00	202.73	188.72	101.11	-5,537.48	-7,283.89	1,655.83	1,328.10	327.73	5.052		
14,900.00	7,001.00	14,032.48	7,321.00	204.64	190.88	101.11	-5,537.51	-7,383.89	1,655.64	1,322.90	332.74	4.976		
15,000.00	7,001.00	14,132.48	7,321.00	206.57	193.06	101.11	-5,537.54	-7,483.89	1,655.45	1,317.69	337.76	4.901		
15,100.00	7,001.00	14,232.48	7,321.00	208.52	195.24	101.11	-5,537.57	-7,583.89	1,655.26	1,312.47	342.79	4.829		
15,200.00	7,001.00	14,332.48	7,321.00	210.49	197.45	101.11	-5,537.60	-7,683.89	1,655.07	1,307.24	347.83	4.758		
15,300.00	7,001.00	14,432.48	7,321.00	212.48	199.67	101.11	-5,537.63	-7,783.89	1,654.88	1,302.00	352.88	4.690		
15,400.00	7,001.00	14,532.48	7,321.00	214.48	201.90	101.12	-5,537.65	-7,883.89	1,654.69	1,296.75	357.93	4.623		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec 36-T7N-R67W - MAVERICK 2W-20-01 - OWB - PROPOSAL 1		Offset Site Error: 0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error: 0.00 usft			
Reference		Offset		Semi Major Axis		Distance							Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
15,500.00	7,001.00	14,632.48	7,321.00	216.51	204.15	101.12	-5,537.68	-7,983.89	1,654.50	1,291.50	363.00	4.558				
15,600.00	7,001.00	14,732.48	7,321.00	218.55	206.41	101.12	-5,537.71	-8,083.89	1,654.31	1,286.23	368.08	4.494				
15,700.00	7,001.00	14,832.48	7,321.00	220.60	208.68	101.12	-5,537.74	-8,183.89	1,654.12	1,280.96	373.16	4.433				
15,800.00	7,001.00	14,932.48	7,321.00	222.68	210.96	101.12	-5,537.77	-8,283.89	1,653.93	1,275.68	378.25	4.373				
15,900.00	7,001.00	15,032.48	7,321.00	224.76	213.25	101.12	-5,537.80	-8,383.89	1,653.74	1,270.39	383.35	4.314				
16,000.00	7,001.00	15,132.48	7,321.00	226.87	215.56	101.12	-5,537.83	-8,483.88	1,653.55	1,265.09	388.46	4.257				
16,100.00	7,001.00	15,232.48	7,321.00	228.99	217.88	101.12	-5,537.86	-8,583.88	1,653.36	1,259.79	393.57	4.201				
16,200.00	7,001.00	15,332.48	7,321.00	231.12	220.21	101.13	-5,537.89	-8,683.88	1,653.17	1,254.48	398.69	4.147				
16,300.00	7,001.00	15,432.48	7,321.00	233.27	222.54	101.13	-5,537.91	-8,783.88	1,652.98	1,249.16	403.81	4.093				
16,400.00	7,001.00	15,532.48	7,321.00	235.43	224.89	101.13	-5,537.94	-8,883.88	1,652.79	1,243.84	408.94	4.042				
16,500.00	7,001.00	15,632.48	7,321.00	237.61	227.25	101.13	-5,537.97	-8,983.88	1,652.60	1,238.52	414.08	3.991				
16,600.00	7,001.00	15,732.48	7,321.00	239.79	229.62	101.13	-5,538.00	-9,083.88	1,652.41	1,233.18	419.22	3.942				
16,700.00	7,001.00	15,832.48	7,321.00	242.00	231.99	101.13	-5,538.03	-9,183.88	1,652.22	1,227.85	424.37	3.893				
16,800.00	7,001.00	15,932.48	7,321.00	244.21	234.38	101.13	-5,538.06	-9,283.88	1,652.03	1,222.50	429.53	3.846				
16,900.00	7,001.00	16,032.48	7,321.00	246.43	236.77	101.13	-5,538.09	-9,383.88	1,651.84	1,217.15	434.68	3.800				
17,000.00	7,001.00	16,132.48	7,321.00	248.67	239.17	101.14	-5,538.12	-9,483.88	1,651.65	1,211.80	439.85	3.755				
17,100.00	7,001.00	16,232.48	7,321.00	250.92	241.58	101.14	-5,538.14	-9,583.88	1,651.46	1,206.44	445.01	3.711				
17,200.00	7,001.00	16,332.48	7,321.00	253.18	243.99	101.14	-5,538.17	-9,683.88	1,651.27	1,201.08	450.19	3.668				
17,300.00	7,001.00	16,432.48	7,321.00	255.45	246.42	101.14	-5,538.20	-9,783.88	1,651.08	1,195.72	455.36	3.626				
17,400.00	7,001.00	16,532.48	7,321.00	257.73	248.85	101.14	-5,538.23	-9,883.88	1,650.89	1,190.34	460.54	3.585				
17,500.00	7,001.00	16,632.48	7,321.00	260.02	251.28	101.14	-5,538.26	-9,983.88	1,650.70	1,184.97	465.73	3.544				
17,600.00	7,001.00	16,732.48	7,321.00	262.32	253.73	101.14	-5,538.29	-10,083.88	1,650.51	1,179.59	470.92	3.505				
17,700.00	7,001.00	16,832.48	7,321.00	264.63	256.18	101.15	-5,538.32	-10,183.88	1,650.32	1,174.21	476.11	3.466				
17,800.00	7,001.00	16,932.48	7,321.00	266.95	258.64	101.15	-5,538.35	-10,283.88	1,650.13	1,168.82	481.30	3.428				
17,900.00	7,001.00	17,032.48	7,321.00	269.28	261.10	101.15	-5,538.37	-10,383.88	1,649.94	1,163.43	486.50	3.391				
18,000.00	7,001.00	17,132.48	7,321.00	271.61	263.57	101.15	-5,538.40	-10,483.88	1,649.75	1,158.04	491.71	3.355				
18,100.00	7,001.00	17,232.48	7,321.00	273.96	266.04	101.15	-5,538.43	-10,583.88	1,649.56	1,152.64	496.91	3.320				
18,200.00	7,001.00	17,332.48	7,321.00	276.31	268.52	101.15	-5,538.46	-10,683.88	1,649.37	1,147.24	502.12	3.285				
18,300.00	7,001.00	17,432.48	7,321.00	278.67	271.01	101.15	-5,538.49	-10,783.88	1,649.18	1,141.84	507.34	3.251				
18,400.00	7,001.00	17,532.48	7,321.00	281.04	273.50	101.15	-5,538.52	-10,883.88	1,648.99	1,136.44	512.55	3.217				
18,500.00	7,001.00	17,632.48	7,321.00	283.42	275.99	101.16	-5,538.55	-10,983.88	1,648.80	1,131.03	517.77	3.184				
18,600.00	7,001.00	17,732.48	7,321.00	285.80	278.49	101.16	-5,538.58	-11,083.88	1,648.61	1,125.62	522.99	3.152				
18,700.00	7,001.00	17,835.55	7,321.00	288.19	282.60	101.17	-5,540.80	-11,246.92	1,647.48	1,110.76	536.72	3.070				
18,800.00	7,001.00	18,082.27	7,321.00	290.59	287.37	101.27	-5,554.47	-11,433.11	1,639.54	1,087.17	552.37	2.968				
18,900.00	7,001.00	18,308.84	7,321.00	293.00	293.23	101.50	-5,586.56	-11,657.32	1,624.33	1,054.20	570.13	2.849				
19,000.00	7,001.00	18,407.32	7,321.00	295.41	295.78	101.62	-5,603.50	-11,754.34	1,607.31	1,032.25	575.06	2.795				
19,100.00	7,001.00	18,505.80	7,321.00	297.83	298.34	101.75	-5,620.43	-11,851.35	1,590.30	1,010.32	579.99	2.742				
19,200.00	7,001.00	18,604.28	7,321.00	300.25	300.90	101.87	-5,637.37	-11,948.37	1,573.30	988.40	584.90	2.690				
19,300.00	7,001.00	18,702.76	7,321.00	302.68	303.45	102.01	-5,654.31	-12,045.38	1,556.30	966.50	589.80	2.639				
19,400.00	7,001.00	18,801.25	7,321.00	305.12	306.01	102.14	-5,671.24	-12,142.39	1,539.32	944.62	594.70	2.588				
19,500.00	7,001.00	18,899.73	7,321.00	307.56	308.57	102.28	-5,688.18	-12,239.41	1,522.34	922.75	599.58	2.539				
19,600.00	7,001.00	18,998.21	7,321.00	310.01	311.13	102.42	-5,705.12	-12,336.42	1,505.37	900.91	604.46	2.490				
19,700.00	7,001.00	19,096.69	7,321.00	312.46	313.70	102.56	-5,722.05	-12,433.44	1,488.40	879.08	609.32	2.443				
19,800.00	7,001.00	19,195.17	7,321.00	314.92	316.26	102.71	-5,738.99	-12,530.45	1,471.45	857.28	614.17	2.396				
19,900.00	7,001.00	19,293.65	7,321.00	317.39	318.83	102.86	-5,755.93	-12,627.47	1,454.51	835.50	619.01	2.350				
20,000.00	7,001.00	19,392.13	7,321.00	319.85	321.39	103.01	-5,772.86	-12,724.48	1,437.58	813.75	623.83	2.304				
20,100.00	7,001.00	19,488.50	7,321.00	322.33	323.91	103.17	-5,789.43	-12,819.41	1,420.66	792.21	628.45	2.261				
20,200.00	7,001.00	19,556.59	7,321.00	324.81	325.68	103.27	-5,800.35	-12,886.62	1,404.91	774.57	630.33	2.229				
20,300.00	7,001.00	19,623.72	7,321.00	327.29	327.43	103.36	-5,809.54	-12,953.12	1,391.42	759.59	631.82	2.202				
20,400.00	7,001.00	19,700.00	7,321.00	329.78	329.42	103.44	-5,818.09	-13,028.91	1,380.24	746.14	634.10	2.177				
20,500.00	7,001.00	19,759.14	7,321.00	332.27	330.95	103.49	-5,823.33	-13,087.82	1,371.28	737.29	633.99	2.163				
20,600.00	7,001.00	19,827.27	7,321.00	334.77	332.72	103.54	-5,827.85	-13,155.80	1,364.66	730.00	634.66	2.150				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 36-T7N-R67W - MAVERICK 2W-20-01 - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,700.00	7,001.00	19,900.00	7,321.00	337.27	334.60	103.57	-5,830.90	-13,228.46	1,360.36	724.63	635.73	2.140	
20,800.00	7,001.00	19,964.01	7,321.00	339.77	336.24	103.58	-5,832.05	-13,292.46	1,358.36	723.21	635.15	2.139	
20,847.21	7,001.00	20,000.00	7,321.00	340.96	337.16	103.58	-5,832.07	-13,328.45	1,358.24	722.51	635.73	2.136	
20,900.00	7,001.00	20,042.10	7,321.00	342.28	338.24	103.58	-5,831.68	-13,370.55	1,358.59	721.93	636.66	2.134	
21,000.00	7,001.00	20,142.10	7,321.00	344.79	340.80	103.57	-5,830.71	-13,470.54	1,359.38	717.48	641.90	2.118	
21,100.00	7,001.00	20,242.09	7,321.00	347.31	343.36	103.56	-5,829.74	-13,570.53	1,360.16	713.02	647.14	2.102	
21,200.00	7,001.00	20,342.09	7,321.00	349.83	345.92	103.56	-5,828.76	-13,670.52	1,360.95	708.57	652.38	2.086	
21,300.00	7,001.00	20,442.09	7,321.00	352.35	348.48	103.55	-5,827.79	-13,770.51	1,361.74	704.11	657.63	2.071	
21,369.95	7,001.00	20,512.04	7,321.00	354.12	350.28	103.54	-5,827.11	-13,840.46	1,362.29	700.99	661.30	2.060 SF	

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	0.00	0.00	-106.93	-13.12	-43.09	45.04				
100.00	100.00	101.00	101.00	0.27	0.27	-106.93	-13.12	-43.09	45.04	44.50	0.54	83.205	
200.00	199.98	200.98	200.98	0.62	0.63	49.98	-13.12	-43.09	43.90	42.65	1.25	35.212	
300.00	299.84	300.83	300.83	0.97	0.99	55.67	-13.12	-43.09	40.73	38.77	1.96	20.789	
400.00	399.45	400.00	399.98	1.34	1.33	64.62	-14.65	-43.91	37.33	34.66	2.67	13.981	
500.00	498.70	499.09	498.93	1.74	1.67	75.15	-19.21	-46.36	35.20	31.80	3.40	10.340	
587.02	584.68	585.66	585.19	2.11	1.98	85.14	-25.65	-49.82	34.59	30.50	4.09	8.462 CC	
600.00	597.47	598.58	598.04	2.17	2.02	86.65	-26.81	-50.45	34.60	30.41	4.19	8.259 ES	
700.00	695.62	698.31	697.03	2.62	2.40	98.07	-37.47	-56.17	35.63	30.61	5.02	7.095	
800.00	793.06	798.28	795.77	3.12	2.81	108.38	-51.19	-63.55	38.17	32.29	5.89	6.484	
900.00	889.64	898.49	894.15	3.65	3.24	117.03	-67.98	-72.57	41.97	35.20	6.77	6.199	
1,000.00	985.27	998.95	992.04	4.23	3.72	123.96	-87.85	-83.25	46.74	39.07	7.67	6.094	
1,100.00	1,079.82	1,099.65	1,089.31	4.85	4.23	129.39	-110.78	-95.58	52.20	43.62	8.58	6.082	
1,200.00	1,173.17	1,200.60	1,185.83	5.52	4.79	133.60	-136.78	-109.55	58.18	48.66	9.52	6.111	
1,300.00	1,265.21	1,301.79	1,281.49	6.24	5.40	136.85	-165.84	-125.16	64.53	54.04	10.49	6.154	
1,400.00	1,355.84	1,403.22	1,376.15	7.01	6.05	139.37	-197.93	-142.41	71.15	59.67	11.49	6.195	
1,500.00	1,444.94	1,504.90	1,469.69	7.83	6.77	141.31	-233.04	-161.28	77.97	65.44	12.52	6.225	
1,600.00	1,532.39	1,606.82	1,561.97	8.70	7.53	142.80	-271.14	-181.76	84.93	71.33	13.61	6.242	
1,700.00	1,618.11	1,708.99	1,652.86	9.62	8.36	143.93	-312.22	-203.84	92.01	77.27	14.74	6.243	
1,800.00	1,701.97	1,811.39	1,742.25	10.59	9.24	144.78	-356.23	-227.49	99.16	83.24	15.92	6.227	
1,900.00	1,783.88	1,914.03	1,829.99	11.62	10.17	145.40	-403.13	-252.70	106.37	89.20	17.17	6.197	
2,000.00	1,863.74	2,016.91	1,915.96	12.69	11.17	145.83	-452.90	-279.44	113.61	95.14	18.47	6.152	
2,100.00	1,941.45	2,120.03	2,000.04	13.81	12.22	146.11	-505.47	-307.70	120.88	101.04	19.84	6.094	
2,200.00	2,016.92	2,223.38	2,082.10	14.98	13.33	146.25	-560.80	-337.43	128.15	106.88	21.27	6.025	
2,300.00	2,090.05	2,326.95	2,162.01	16.19	14.50	146.28	-618.83	-368.62	135.42	112.64	22.78	5.945	
2,400.00	2,160.76	2,430.75	2,239.66	17.45	15.73	146.22	-679.51	-401.23	142.67	118.31	24.36	5.857	
2,500.00	2,228.95	2,534.77	2,314.91	18.76	17.01	146.08	-742.75	-435.22	149.90	123.88	26.02	5.761	
2,600.00	2,294.55	2,639.01	2,387.66	20.11	18.34	145.87	-808.51	-470.56	157.10	129.34	27.76	5.659	
2,700.00	2,357.48	2,743.46	2,457.78	21.50	19.73	145.59	-876.69	-507.20	164.26	134.67	29.58	5.553	
2,800.00	2,417.66	2,848.12	2,525.17	22.94	21.17	145.27	-947.22	-545.11	171.37	139.88	31.49	5.442	
2,900.00	2,475.05	2,952.06	2,589.20	24.41	22.64	144.91	-1,019.33	-583.87	178.44	144.95	33.49	5.328	
3,000.00	2,531.40	3,051.80	2,649.66	25.89	24.08	144.65	-1,089.21	-621.42	185.55	149.97	35.59	5.214	
3,100.00	2,587.75	3,151.55	2,710.12	27.39	25.52	144.40	-1,159.09	-658.98	192.67	154.97	37.70	5.111	
3,200.00	2,644.11	3,251.29	2,770.57	28.89	26.97	144.18	-1,228.97	-696.54	199.79	159.97	39.82	5.017	
3,300.00	2,700.46	3,351.03	2,831.03	30.39	28.42	143.97	-1,298.85	-734.09	206.92	164.95	41.96	4.931	
3,400.00	2,756.81	3,450.78	2,891.49	31.89	29.88	143.77	-1,368.73	-771.65	214.05	169.93	44.12	4.852	
3,500.00	2,813.17	3,550.52	2,951.94	33.40	31.34	143.59	-1,438.61	-809.20	221.17	174.90	46.28	4.779	
3,600.00	2,869.52	3,650.26	3,012.40	34.91	32.81	143.42	-1,508.49	-846.76	228.31	179.86	48.45	4.713	
3,700.00	2,925.87	3,750.01	3,072.86	36.42	34.27	143.25	-1,578.37	-884.32	235.44	184.82	50.62	4.651	
3,800.00	2,982.22	3,849.75	3,133.32	37.93	35.74	143.10	-1,648.25	-921.87	242.58	189.77	52.81	4.594	
3,900.00	3,038.58	3,949.49	3,193.77	39.45	37.21	142.96	-1,718.13	-959.43	249.71	194.72	55.00	4.540	
4,000.00	3,094.93	4,049.23	3,254.23	40.96	38.69	142.82	-1,788.01	-996.98	256.85	199.66	57.19	4.491	
4,100.00	3,151.28	4,148.98	3,314.69	42.48	40.16	142.70	-1,857.89	-1,034.54	263.99	204.60	59.40	4.445	
4,200.00	3,207.63	4,248.72	3,375.14	44.00	41.64	142.57	-1,927.77	-1,072.10	271.13	209.53	61.60	4.401	
4,300.00	3,263.99	4,348.46	3,435.60	45.52	43.11	142.46	-1,997.65	-1,109.65	278.28	214.47	63.81	4.361	
4,400.00	3,320.34	4,448.21	3,496.06	47.04	44.59	142.35	-2,067.53	-1,147.21	285.42	219.40	66.02	4.323	
4,500.00	3,376.69	4,547.95	3,556.51	48.56	46.07	142.25	-2,137.41	-1,184.77	292.56	224.32	68.24	4.287	
4,600.00	3,433.05	4,647.69	3,616.97	50.08	47.55	142.15	-2,207.29	-1,222.32	299.71	229.25	70.46	4.254	
4,700.00	3,489.40	4,747.44	3,677.43	51.61	49.03	142.05	-2,277.17	-1,259.88	306.86	234.17	72.68	4.222	
4,800.00	3,545.75	4,847.18	3,737.88	53.13	50.51	141.96	-2,347.05	-1,297.43	314.00	239.09	74.91	4.192	
4,900.00	3,602.10	4,946.92	3,798.34	54.65	51.99	141.88	-2,416.93	-1,334.99	321.15	244.01	77.14	4.163	
5,000.00	3,658.46	5,046.67	3,858.80	56.18	53.48	141.79	-2,486.81	-1,372.55	328.30	248.93	79.37	4.136	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec 36-T7N-R67W - MAVERICK 2W-20-02 - OWB - PROPOSAL 1		Offset Site Error: 0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error: 0.00 usft			
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
5,100.00	3,714.81	5,146.41	3,919.25	57.70	54.96	141.72	-2,556.69	-1,410.10	335.45	253.84	81.60	4.111				
5,200.00	3,771.16	5,246.15	3,979.71	59.23	56.44	141.64	-2,626.57	-1,447.66	342.60	258.76	83.84	4.086				
5,300.00	3,827.51	5,345.89	4,040.17	60.75	57.93	141.57	-2,696.45	-1,485.21	349.75	263.67	86.07	4.063				
5,400.00	3,883.87	5,445.64	4,100.62	62.28	59.41	141.50	-2,766.33	-1,522.77	356.90	268.59	88.31	4.041				
5,500.00	3,940.22	5,545.38	4,161.08	63.80	60.90	141.43	-2,836.21	-1,560.33	364.05	273.50	90.55	4.020				
5,600.00	3,996.57	5,645.12	4,221.54	65.33	62.39	141.37	-2,906.09	-1,597.88	371.20	278.41	92.79	4.000				
5,700.00	4,052.93	5,744.87	4,282.00	66.86	63.87	141.30	-2,975.97	-1,635.44	378.35	283.32	95.04	3.981				
5,800.00	4,109.28	5,844.61	4,342.45	68.39	65.36	141.24	-3,045.85	-1,672.99	385.51	288.23	97.28	3.963				
5,900.00	4,165.63	5,944.35	4,402.91	69.91	66.84	141.19	-3,115.73	-1,710.55	392.66	293.13	99.53	3.945				
6,000.00	4,221.98	6,044.10	4,463.37	71.44	68.33	141.13	-3,185.61	-1,748.11	399.81	298.04	101.77	3.928				
6,100.00	4,278.34	6,143.84	4,523.82	72.97	69.82	141.08	-3,255.49	-1,785.66	406.97	302.95	104.02	3.912				
6,200.00	4,334.69	6,243.58	4,584.28	74.50	71.31	141.03	-3,325.37	-1,823.22	414.12	307.85	106.27	3.897				
6,300.00	4,391.04	6,343.33	4,644.74	76.03	72.79	140.98	-3,395.25	-1,860.78	421.28	312.76	108.52	3.882				
6,400.00	4,447.40	6,443.07	4,705.19	77.55	74.28	140.93	-3,465.13	-1,898.33	428.43	317.66	110.77	3.868				
6,500.00	4,503.75	6,542.81	4,765.65	79.08	75.77	140.88	-3,535.01	-1,935.89	435.59	322.56	113.02	3.854				
6,600.00	4,560.10	6,642.56	4,826.11	80.61	77.26	140.84	-3,604.89	-1,973.44	442.74	327.47	115.27	3.841				
6,700.00	4,616.45	6,742.30	4,886.56	82.14	78.75	140.79	-3,674.77	-2,011.00	449.90	332.37	117.53	3.828				
6,800.00	4,672.81	6,842.04	4,947.02	83.67	80.24	140.75	-3,744.65	-2,048.56	457.05	337.27	119.78	3.816				
6,900.00	4,729.16	6,941.78	5,007.48	85.20	81.73	140.71	-3,814.53	-2,086.11	464.21	342.17	122.04	3.804				
7,000.00	4,785.51	7,041.53	5,067.93	86.73	83.22	140.67	-3,884.41	-2,123.67	471.36	347.07	124.29	3.792				
7,100.00	4,841.86	7,141.27	5,128.39	88.26	84.70	140.63	-3,954.29	-2,161.22	478.52	351.97	126.55	3.781				
7,200.00	4,898.22	7,241.01	5,188.85	89.79	86.19	140.60	-4,024.17	-2,198.78	485.68	356.87	128.80	3.771				
7,300.00	4,954.57	7,340.76	5,249.31	91.32	87.68	140.56	-4,094.05	-2,236.34	492.83	361.77	131.06	3.760				
7,400.00	5,010.92	7,440.50	5,309.76	92.85	89.17	140.52	-4,163.93	-2,273.89	499.99	366.67	133.32	3.750				
7,500.00	5,067.28	7,540.24	5,370.22	94.38	90.66	140.49	-4,233.81	-2,311.45	507.15	371.57	135.58	3.741				
7,600.00	5,123.63	7,639.99	5,430.68	95.91	92.15	140.46	-4,303.69	-2,349.00	514.31	376.47	137.84	3.731				
7,700.00	5,179.98	7,739.73	5,491.13	97.44	93.64	140.42	-4,373.57	-2,386.56	521.46	381.37	140.09	3.722				
7,800.00	5,236.33	7,839.47	5,551.59	98.97	95.13	140.39	-4,443.45	-2,424.12	528.62	386.27	142.35	3.713				
7,900.00	5,292.69	7,939.22	5,612.05	100.50	96.62	140.36	-4,513.33	-2,461.67	535.78	391.17	144.61	3.705				
8,000.00	5,349.04	8,038.96	5,672.50	102.03	98.11	140.33	-4,583.21	-2,499.23	542.94	396.06	146.87	3.697				
8,100.00	5,405.39	8,138.70	5,732.96	103.56	99.61	140.30	-4,653.09	-2,536.78	550.10	400.96	149.14	3.689				
8,200.00	5,461.74	8,238.44	5,793.42	105.09	101.10	140.27	-4,722.97	-2,574.34	557.25	405.86	151.40	3.681				
8,300.00	5,518.10	8,338.19	5,853.87	106.62	102.59	140.25	-4,792.85	-2,611.90	564.41	410.75	153.66	3.673				
8,400.00	5,574.45	8,437.93	5,914.33	108.15	104.08	140.22	-4,862.72	-2,649.45	571.57	415.65	155.92	3.666				
8,500.00	5,630.80	8,537.67	5,974.79	109.68	105.57	140.19	-4,932.60	-2,687.01	578.73	420.55	158.18	3.659				
8,600.00	5,687.16	8,637.42	6,035.24	111.21	107.06	140.17	-5,002.48	-2,724.57	585.89	425.44	160.45	3.652				
8,700.00	5,743.51	8,737.16	6,095.70	112.75	108.55	140.14	-5,072.36	-2,762.12	593.05	430.34	162.71	3.645				
8,800.00	5,799.86	8,836.90	6,156.16	114.28	110.04	140.12	-5,142.24	-2,799.68	600.21	435.24	164.97	3.638				
8,900.00	5,856.21	8,936.65	6,216.62	115.81	111.53	140.10	-5,212.12	-2,837.23	607.37	440.13	167.24	3.632				
9,000.00	5,912.57	9,036.39	6,277.07	117.34	113.02	140.07	-5,282.00	-2,874.79	614.53	445.03	169.50	3.626				
9,100.00	5,968.92	9,136.13	6,337.53	118.87	114.52	140.05	-5,351.88	-2,912.35	621.69	449.92	171.76	3.619				
9,200.00	6,025.27	9,235.88	6,397.99	120.40	116.01	140.03	-5,421.76	-2,949.90	628.84	454.82	174.03	3.613				
9,300.00	6,081.63	9,335.62	6,458.44	121.93	117.50	140.01	-5,491.64	-2,987.46	636.00	459.71	176.29	3.608				
9,400.00	6,137.98	9,435.36	6,518.90	123.46	118.99	139.98	-5,561.52	-3,025.01	643.16	464.61	178.56	3.602				
9,500.00	6,194.33	9,535.10	6,579.36	125.00	120.48	139.96	-5,631.40	-3,062.57	650.32	469.50	180.82	3.596				
9,600.00	6,250.68	9,634.85	6,639.81	126.53	121.97	139.94	-5,701.28	-3,100.13	657.48	474.40	183.09	3.591				
9,700.00	6,307.04	9,734.59	6,700.27	128.06	123.46	139.92	-5,771.16	-3,137.68	664.64	479.29	185.35	3.586				
9,800.00	6,363.39	9,834.33	6,760.73	129.59	124.96	139.90	-5,841.04	-3,175.24	671.80	484.18	187.62	3.581				
9,900.00	6,419.74	9,900.00	6,799.82	131.12	125.96	139.88	-5,886.23	-3,202.40	680.92	491.28	189.63	3.591				
10,000.00	6,476.09	9,969.59	6,838.78	132.65	127.07	138.84	-5,931.25	-3,238.35	694.85	501.93	192.92	3.602				
10,100.00	6,532.45	10,030.98	6,870.57	134.18	128.07	137.61	-5,967.96	-3,275.85	714.00	517.66	196.34	3.636				
10,200.00	6,588.80	10,087.84	6,897.52	135.72	129.01	136.11	-5,999.09	-3,315.04	738.72	539.20	199.52	3.702				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec 36-T7N-R67W - MAVERICK 2W-20-02 - OWB - PROPOSAL 1		Offset Site Error:		0.00 usft
Survey Program:		0-MWD OWSG											Offset Well Error:		0.00 usft		
Reference		Offset		Semi Major Axis			Distance			Between		Minimum	Separation	Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)	Factor					
10,300.00	6,645.15	10,150.00	6,923.92	137.25	130.04	134.13	-6,029.56	-3,362.31	769.45	565.92	203.53	3.781					
10,400.00	6,701.51	10,186.39	6,937.77	138.78	130.63	132.84	-6,045.54	-3,391.92	805.99	602.92	203.06	3.969					
10,500.00	6,757.86	10,228.17	6,952.12	140.31	131.30	131.25	-6,062.08	-3,427.49	848.66	645.76	202.89	4.183					
10,600.00	6,813.28	10,266.70	6,963.81	141.87	131.90	122.67	-6,075.57	-3,461.62	894.99	693.84	201.15	4.449					
10,700.00	6,864.12	10,300.00	6,972.70	143.49	132.42	112.65	-6,085.81	-3,492.04	937.60	741.49	196.11	4.781					
10,800.00	6,908.67	10,350.00	6,983.83	145.14	133.15	104.35	-6,098.62	-3,539.05	974.54	781.97	192.57	5.061					
10,900.00	6,945.58	10,400.00	6,992.24	146.73	133.85	98.11	-6,108.29	-3,587.36	1,005.05	817.35	187.70	5.355					
11,000.00	6,973.71	10,428.66	6,995.81	148.22	134.22	93.92	-6,112.38	-3,615.50	1,027.80	850.39	177.41	5.793					
11,100.00	6,992.22	10,470.34	6,999.35	149.55	134.74	91.20	-6,116.42	-3,656.82	1,042.81	873.65	169.16	6.164					
11,200.00	7,000.54	10,512.18	7,000.92	150.69	135.24	90.01	-6,118.17	-3,698.58	1,049.55	888.89	160.66	6.533					
11,300.00	7,001.00	10,595.62	7,001.00	151.65	136.16	89.95	-6,118.16	-3,782.03	1,049.91	888.91	161.01	6.521					
11,400.00	7,001.00	10,695.62	7,001.00	152.64	137.30	89.95	-6,118.02	-3,882.03	1,049.88	884.92	164.96	6.365					
11,500.00	7,001.00	10,795.62	7,001.00	153.65	138.46	89.95	-6,117.89	-3,982.03	1,049.85	880.85	168.99	6.212					
11,600.00	7,001.00	10,895.62	7,001.00	154.69	139.66	89.95	-6,117.76	-4,082.03	1,049.82	876.71	173.11	6.065					
11,700.00	7,001.00	10,995.62	7,001.00	155.76	140.90	89.95	-6,117.62	-4,182.03	1,049.78	872.49	177.29	5.921					
11,800.00	7,001.00	11,095.62	7,001.00	156.85	142.16	89.95	-6,117.49	-4,282.03	1,049.75	868.20	181.55	5.782					
11,900.00	7,001.00	11,195.62	7,001.00	157.98	143.46	89.95	-6,117.36	-4,382.03	1,049.72	863.86	185.87	5.648					
12,000.00	7,001.00	11,295.62	7,001.00	159.14	144.79	89.95	-6,117.22	-4,482.03	1,049.69	859.45	190.24	5.518					
12,100.00	7,001.00	11,395.62	7,001.00	160.32	146.15	89.95	-6,117.09	-4,582.03	1,049.66	854.99	194.67	5.392					
12,200.00	7,001.00	11,495.62	7,001.00	161.54	147.55	89.95	-6,116.96	-4,682.03	1,049.63	850.47	199.15	5.270					
12,300.00	7,001.00	11,595.62	7,001.00	162.78	148.97	89.95	-6,116.83	-4,782.03	1,049.59	845.91	203.68	5.153					
12,400.00	7,001.00	11,695.62	7,001.00	164.06	150.43	89.95	-6,116.69	-4,882.03	1,049.56	841.31	208.26	5.040					
12,500.00	7,001.00	11,795.62	7,001.00	165.36	151.91	89.95	-6,116.56	-4,982.03	1,049.53	836.66	212.87	4.930					
12,600.00	7,001.00	11,895.62	7,001.00	166.69	153.43	89.95	-6,116.43	-5,082.03	1,049.50	831.97	217.53	4.825					
12,700.00	7,001.00	11,995.62	7,001.00	168.05	154.98	89.95	-6,116.29	-5,182.03	1,049.47	827.25	222.22	4.723					
12,800.00	7,001.00	12,095.62	7,001.00	169.44	156.55	89.95	-6,116.16	-5,282.03	1,049.43	822.49	226.94	4.624					
12,900.00	7,001.00	12,195.62	7,001.00	170.86	158.16	89.95	-6,116.03	-5,382.03	1,049.40	817.70	231.70	4.529					
13,000.00	7,001.00	12,295.62	7,001.00	172.30	159.80	89.95	-6,115.89	-5,482.03	1,049.37	812.88	236.49	4.437					
13,100.00	7,001.00	12,395.62	7,001.00	173.78	161.46	89.95	-6,115.76	-5,582.03	1,049.34	808.03	241.31	4.349					
13,200.00	7,001.00	12,495.62	7,001.00	175.28	163.15	89.95	-6,115.63	-5,682.02	1,049.31	803.16	246.15	4.263					
13,300.00	7,001.00	12,595.62	7,001.00	176.80	164.87	89.95	-6,115.49	-5,782.02	1,049.28	798.26	251.02	4.180					
13,400.00	7,001.00	12,695.62	7,001.00	178.36	166.61	89.95	-6,115.36	-5,882.02	1,049.24	793.33	255.91	4.100					
13,500.00	7,001.00	12,795.62	7,001.00	179.94	168.38	89.95	-6,115.23	-5,982.02	1,049.21	788.39	260.83	4.023					
13,600.00	7,001.00	12,895.62	7,001.00	181.55	170.18	89.95	-6,115.09	-6,082.02	1,049.18	783.42	265.76	3.948					
13,700.00	7,001.00	12,995.62	7,001.00	183.18	172.00	89.95	-6,114.96	-6,182.02	1,049.15	778.43	270.72	3.875					
13,800.00	7,001.00	13,095.62	7,001.00	184.84	173.84	89.95	-6,114.83	-6,282.02	1,049.12	773.42	275.69	3.805					
13,900.00	7,001.00	13,195.62	7,001.00	186.52	175.71	89.95	-6,114.69	-6,382.02	1,049.08	768.40	280.69	3.738					
14,000.00	7,001.00	13,295.62	7,001.00	188.23	177.60	89.95	-6,114.56	-6,482.02	1,049.05	763.35	285.70	3.672					
14,100.00	7,001.00	13,395.62	7,001.00	189.97	179.51	89.95	-6,114.43	-6,582.02	1,049.02	758.30	290.73	3.608					
14,200.00	7,001.00	13,495.62	7,001.00	191.72	181.45	89.95	-6,114.30	-6,682.02	1,048.99	753.22	295.77	3.547					
14,300.00	7,001.00	13,595.62	7,001.00	193.50	183.41	89.95	-6,114.16	-6,782.02	1,048.96	748.13	300.82	3.487					
14,400.00	7,001.00	13,695.62	7,001.00	195.30	185.38	89.95	-6,114.03	-6,882.02	1,048.93	743.03	305.89	3.429					
14,500.00	7,001.00	13,795.62	7,001.00	197.13	187.38	89.95	-6,113.90	-6,982.02	1,048.89	737.92	310.98	3.373					
14,600.00	7,001.00	13,895.62	7,001.00	198.98	189.40	89.95	-6,113.76	-7,082.02	1,048.86	732.79	316.07	3.318					
14,700.00	7,001.00	13,995.62	7,001.00	200.85	191.44	89.95	-6,113.63	-7,182.02	1,048.83	727.65	321.18	3.266					
14,800.00	7,001.00	14,095.62	7,001.00	202.73	193.49	89.95	-6,113.50	-7,282.02	1,048.80	722.50	326.30	3.214					
14,900.00	7,001.00	14,195.62	7,001.00	204.64	195.56	89.95	-6,113.36	-7,382.02	1,048.77	717.33	331.43	3.164					
15,000.00	7,001.00	14,295.62	7,001.00	206.57	197.65	89.95	-6,113.23	-7,482.02	1,048.73	712.16	336.57	3.116					
15,100.00	7,001.00	14,395.62	7,001.00	208.52	199.76	89.95	-6,113.10	-7,582.02	1,048.70	706.98	341.72	3.069					
15,200.00	7,001.00	14,495.62	7,001.00	210.49	201.89	89.95	-6,112.96	-7,682.02	1,048.67	701.79	346.88	3.023					
15,300.00	7,001.00	14,595.62	7,001.00	212.48	204.03	89.95	-6,112.83	-7,782.02	1,048.64	696.59	352.05	2.979					
15,400.00	7,001.00	14,695.62	7,001.00	214.48	206.18	89.95	-6,112.70	-7,882.02	1,048.61	691.38	357.23	2.935					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	7,001.00	14,795.62	7,001.00	216.51	208.35	89.95	-6,112.56	-7,982.02	1,048.58	686.16	362.42	2.893		
15,600.00	7,001.00	14,895.62	7,001.00	218.55	210.53	89.95	-6,112.43	-8,082.02	1,048.54	680.93	367.61	2.852		
15,700.00	7,001.00	14,995.62	7,001.00	220.60	212.73	89.95	-6,112.30	-8,182.02	1,048.51	675.70	372.81	2.812		
15,800.00	7,001.00	15,095.62	7,001.00	222.68	214.95	89.95	-6,112.17	-8,282.02	1,048.48	670.46	378.02	2.774		
15,900.00	7,001.00	15,195.62	7,001.00	224.76	217.17	89.95	-6,112.03	-8,382.02	1,048.45	665.21	383.23	2.736		
16,000.00	7,001.00	15,295.62	7,001.00	226.87	219.41	89.95	-6,111.90	-8,482.02	1,048.42	659.96	388.46	2.699		
16,100.00	7,001.00	15,395.62	7,001.00	228.99	221.66	89.95	-6,111.77	-8,582.02	1,048.38	654.70	393.69	2.663		
16,200.00	7,001.00	15,495.62	7,001.00	231.12	223.92	89.95	-6,111.63	-8,682.02	1,048.35	649.43	398.92	2.628		
16,300.00	7,001.00	15,595.62	7,001.00	233.27	226.20	89.95	-6,111.50	-8,782.02	1,048.32	644.16	404.16	2.594		
16,400.00	7,001.00	15,695.62	7,001.00	235.43	228.48	89.95	-6,111.37	-8,882.02	1,048.29	638.88	409.41	2.560		
16,500.00	7,001.00	15,795.62	7,001.00	237.61	230.78	89.95	-6,111.23	-8,982.02	1,048.26	633.60	414.66	2.528		
16,600.00	7,001.00	15,895.62	7,001.00	239.79	233.09	89.95	-6,111.10	-9,082.02	1,048.23	628.31	419.92	2.496		
16,700.00	7,001.00	15,995.62	7,001.00	242.00	235.40	89.95	-6,110.97	-9,182.02	1,048.19	623.01	425.18	2.465		
16,800.00	7,001.00	16,095.62	7,001.00	244.21	237.73	89.95	-6,110.83	-9,282.02	1,048.16	617.71	430.45	2.435		
16,900.00	7,001.00	16,195.62	7,001.00	246.43	240.07	89.95	-6,110.70	-9,382.02	1,048.13	612.41	435.72	2.406		
17,000.00	7,001.00	16,295.62	7,001.00	248.67	242.41	89.95	-6,110.57	-9,482.02	1,048.10	607.10	441.00	2.377		
17,100.00	7,001.00	16,395.62	7,001.00	250.92	244.77	89.95	-6,110.43	-9,582.02	1,048.07	601.79	446.28	2.348		
17,200.00	7,001.00	16,495.62	7,001.00	253.18	247.13	89.95	-6,110.30	-9,682.02	1,048.03	596.47	451.56	2.321		
17,300.00	7,001.00	16,595.62	7,001.00	255.45	249.50	89.95	-6,110.17	-9,782.02	1,048.00	591.15	456.85	2.294		
17,400.00	7,001.00	16,695.62	7,001.00	257.73	251.89	89.95	-6,110.04	-9,882.02	1,047.97	585.82	462.15	2.268		
17,500.00	7,001.00	16,795.62	7,001.00	260.02	254.27	89.95	-6,109.90	-9,982.02	1,047.94	580.50	467.44	2.242		
17,600.00	7,001.00	16,895.62	7,001.00	262.32	256.67	89.95	-6,109.77	-10,082.02	1,047.91	575.16	472.74	2.217		
17,700.00	7,001.00	16,995.62	7,001.00	264.63	259.07	89.95	-6,109.64	-10,182.02	1,047.88	569.83	478.05	2.192		
17,800.00	7,001.00	17,095.62	7,001.00	266.95	261.49	89.95	-6,109.50	-10,282.02	1,047.84	564.49	483.36	2.168		
17,900.00	7,001.00	17,195.62	7,001.00	269.28	263.90	89.95	-6,109.37	-10,382.02	1,047.81	559.14	488.67	2.144		
18,000.00	7,001.00	17,295.62	7,001.00	271.61	266.33	89.95	-6,109.24	-10,482.02	1,047.78	553.80	493.98	2.121		
18,100.00	7,001.00	17,395.62	7,001.00	273.96	268.76	89.95	-6,109.10	-10,582.02	1,047.75	548.45	499.30	2.098		
18,200.00	7,001.00	17,495.62	7,001.00	276.31	271.20	89.95	-6,108.97	-10,682.02	1,047.72	543.10	504.62	2.076		
18,300.00	7,001.00	17,595.62	7,001.00	278.67	273.64	89.95	-6,108.84	-10,782.02	1,047.68	537.74	509.94	2.055		
18,400.00	7,001.00	17,695.62	7,001.00	281.04	276.09	89.95	-6,108.70	-10,882.02	1,047.65	532.38	515.27	2.033		
18,500.00	7,001.00	17,795.62	7,001.00	283.42	278.55	89.95	-6,108.57	-10,982.02	1,047.62	527.02	520.60	2.012		
18,600.00	7,001.00	17,895.62	7,001.00	285.80	281.01	89.95	-6,108.44	-11,082.02	1,047.59	521.66	525.93	1.992		
18,700.00	7,001.00	18,022.13	7,001.00	288.19	284.15	89.95	-6,109.19	-11,208.53	1,046.97	510.03	536.95	1.950		
18,800.00	7,001.00	18,179.30	7,001.00	290.59	288.10	89.94	-6,117.26	-11,365.46	1,041.67	488.20	553.46	1.882		
18,900.00	7,001.00	18,285.90	7,001.00	293.00	290.80	89.94	-6,126.31	-11,471.68	1,033.00	472.98	560.02	1.845		
19,000.00	7,001.00	18,385.52	7,001.00	295.41	293.34	89.94	-6,134.82	-11,570.93	1,024.29	458.98	565.31	1.812		
19,100.00	7,001.00	18,485.14	7,001.00	297.83	295.88	89.94	-6,143.33	-11,670.19	1,015.58	444.97	570.61	1.780		
19,200.00	7,001.00	18,584.76	7,001.00	300.25	298.42	89.94	-6,151.84	-11,769.45	1,006.87	430.96	575.91	1.748		
19,300.00	7,001.00	18,684.38	7,001.00	302.68	300.96	89.94	-6,160.36	-11,868.70	998.16	416.95	581.21	1.717		
19,400.00	7,001.00	18,784.00	7,001.00	305.12	303.51	89.94	-6,168.87	-11,967.96	989.46	402.94	586.52	1.687		
19,500.00	7,001.00	18,883.62	7,001.00	307.56	306.06	89.94	-6,177.38	-12,067.21	980.75	388.92	591.82	1.657		
19,600.00	7,001.00	18,983.24	7,001.00	310.01	308.61	89.94	-6,185.89	-12,166.47	972.04	374.91	597.13	1.628		
19,700.00	7,001.00	19,082.86	7,001.00	312.46	311.17	89.94	-6,194.40	-12,265.72	963.33	360.89	602.44	1.599		
19,800.00	7,001.00	19,182.48	7,001.00	314.92	313.73	89.94	-6,202.92	-12,364.98	954.62	346.87	607.76	1.571		
19,900.00	7,001.00	19,282.10	7,001.00	317.39	316.29	89.94	-6,211.43	-12,464.24	945.91	332.84	613.07	1.543		
20,000.00	7,001.00	19,381.72	7,001.00	319.85	318.85	89.94	-6,219.94	-12,563.49	937.20	318.82	618.38	1.516		
20,100.00	7,001.00	19,481.34	7,001.00	322.33	321.42	89.94	-6,228.45	-12,662.75	928.49	304.79	623.70	1.489 Level 3		
20,200.00	7,001.00	19,580.96	7,001.00	324.81	323.99	89.94	-6,236.96	-12,762.00	919.79	290.77	629.02	1.462 Level 3		
20,300.00	7,001.00	19,689.22	7,001.00	327.29	326.26	89.94	-6,244.28	-12,849.96	911.37	279.29	632.08	1.442 Level 3		
20,400.00	7,001.00	19,745.00	7,001.00	329.78	328.21	89.94	-6,248.82	-12,925.60	905.22	272.91	632.31	1.432 Level 3		
20,500.00	7,001.00	19,820.98	7,001.00	332.27	330.15	89.94	-6,251.35	-13,001.54	901.72	269.58	632.14	1.426 Level 3		
20,588.80	7,001.00	19,890.16	7,001.00	334.49	331.91	89.94	-6,251.91	-13,070.72	900.84	268.77	632.07	1.425 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 36-T7N-R67W - MAVERICK 2W-20-02 - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,600.00	7,001.00	19,899.21	7,001.00	334.77	332.14	89.94	-6,251.87	-13,079.77	900.86	268.74	632.12	1.425	Level 3
20,700.00	7,001.00	19,999.21	7,001.00	337.27	334.68	89.94	-6,251.47	-13,179.77	901.10	263.61	637.49	1.414	Level 3
20,800.00	7,001.00	20,099.21	7,001.00	339.77	337.22	89.94	-6,251.06	-13,279.77	901.34	258.48	642.87	1.402	Level 3
20,900.00	7,001.00	20,199.21	7,001.00	342.28	339.77	89.94	-6,250.66	-13,379.77	901.58	253.34	648.24	1.391	Level 3
21,000.00	7,001.00	20,299.21	7,001.00	344.79	342.32	89.94	-6,250.25	-13,479.76	901.82	248.20	653.62	1.380	Level 3
21,100.00	7,001.00	20,399.21	7,001.00	347.31	344.87	89.94	-6,249.85	-13,579.76	902.06	243.06	659.00	1.369	Level 3
21,200.00	7,001.00	20,499.21	7,001.00	349.83	347.42	89.94	-6,249.44	-13,679.76	902.30	237.92	664.38	1.358	Level 3
21,300.00	7,001.00	20,599.21	7,001.00	352.35	349.98	89.94	-6,249.04	-13,779.76	902.54	232.78	669.76	1.348	Level 3
21,369.95	7,001.00	20,669.17	7,001.00	354.12	351.35	89.94	-6,248.76	-13,849.71	902.71	229.79	672.92	1.341	Level 3, SF

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	1.00	0.00	0.00	-106.83	-6.56	-21.68	22.65					
100.00	100.00	101.00	101.00	0.27	0.27	-106.83	-6.56	-21.68	22.65	22.11	0.54	41.848		
200.00	199.98	200.98	200.98	0.62	0.63	51.85	-6.56	-21.68	21.53	20.29	1.25	17.276		
300.00	299.84	300.50	300.48	0.97	0.97	59.90	-8.14	-22.45	19.61	17.67	1.94	10.100		
400.00	399.45	400.15	399.98	1.34	1.32	69.57	-12.84	-24.74	18.22	15.56	2.66	6.852		
500.00	498.70	499.91	499.37	1.74	1.68	80.55	-20.66	-28.55	17.48	14.06	3.42	5.109		
547.64	545.82	547.48	546.63	1.94	1.87	86.02	-25.48	-30.90	17.39	13.59	3.81	4.566 CC		
600.00	597.47	599.80	598.50	2.17	2.07	92.04	-31.60	-33.87	17.50	13.26	4.24	4.131		
700.00	695.62	699.81	697.28	2.62	2.48	103.03	-45.66	-40.72	18.28	13.18	5.09	3.588		
800.00	793.06	799.94	795.56	3.12	2.93	112.71	-62.83	-49.08	19.72	13.75	5.97	3.301		
900.00	889.64	900.19	893.24	3.65	3.41	120.77	-83.11	-58.95	21.70	14.83	6.87	3.160		
1,000.00	985.27	1,000.57	990.19	4.23	3.94	127.26	-106.48	-70.33	24.08	16.32	7.77	3.101		
1,100.00	1,079.82	1,101.07	1,086.28	4.85	4.51	132.40	-132.92	-83.20	26.76	18.08	8.68	3.083		
1,200.00	1,173.17	1,201.69	1,181.40	5.52	5.12	136.46	-162.42	-97.56	29.64	20.04	9.61	3.086		
1,300.00	1,265.21	1,302.43	1,275.42	6.24	5.79	139.67	-194.93	-113.39	32.68	22.12	10.55	3.096		
1,400.00	1,355.84	1,403.29	1,368.22	7.01	6.50	142.21	-230.45	-130.68	35.81	24.28	11.53	3.107		
1,500.00	1,444.94	1,504.27	1,459.68	7.83	7.27	144.24	-268.93	-149.41	39.02	26.49	12.53	3.114		
1,600.00	1,532.39	1,605.37	1,549.68	8.70	8.09	145.85	-310.33	-169.57	42.27	28.70	13.57	3.116		
1,700.00	1,618.11	1,706.59	1,638.10	9.62	8.97	147.14	-354.62	-191.13	45.55	30.91	14.64	3.112		
1,800.00	1,701.97	1,807.93	1,724.83	10.59	9.90	148.16	-401.74	-214.07	48.85	33.10	15.75	3.101		
1,900.00	1,783.88	1,909.38	1,809.74	11.62	10.88	148.96	-451.65	-238.36	52.15	35.25	16.91	3.085		
2,000.00	1,863.74	2,010.95	1,892.73	12.69	11.92	149.59	-504.29	-263.99	55.45	37.35	18.10	3.063		
2,100.00	1,941.45	2,112.63	1,973.68	13.81	13.01	150.07	-559.61	-290.92	58.73	39.38	19.35	3.035		
2,200.00	2,016.92	2,214.42	2,052.48	14.98	14.15	150.42	-617.54	-319.12	61.99	41.35	20.64	3.003		
2,300.00	2,090.05	2,316.33	2,129.02	16.19	15.35	150.67	-678.01	-348.56	65.22	43.23	21.99	2.966		
2,400.00	2,160.76	2,418.33	2,203.20	17.45	16.59	150.82	-740.97	-379.21	68.42	45.04	23.39	2.926		
2,500.00	2,228.95	2,520.45	2,274.91	18.76	17.89	150.90	-806.32	-411.02	71.58	46.74	24.84	2.882		
2,600.00	2,294.55	2,622.66	2,344.05	20.11	19.23	150.90	-874.00	-443.97	74.70	48.35	26.35	2.835		
2,700.00	2,357.48	2,724.98	2,410.52	21.50	20.63	150.85	-943.92	-478.01	77.78	49.86	27.92	2.786		
2,800.00	2,417.66	2,827.39	2,474.24	22.94	22.06	150.74	-1,016.01	-513.10	80.80	51.25	29.55	2.734		
2,900.00	2,475.05	2,927.68	2,534.83	24.41	23.49	151.00	-1,087.86	-548.08	84.86	53.67	31.19	2.721		
3,000.00	2,531.40	3,027.54	2,595.13	25.89	24.93	151.64	-1,159.44	-582.93	89.99	57.30	32.69	2.752		
3,100.00	2,587.75	3,127.40	2,655.43	27.39	26.38	152.22	-1,231.01	-617.77	95.13	60.92	34.21	2.781		
3,200.00	2,644.11	3,227.27	2,715.73	28.89	27.82	152.73	-1,302.58	-652.61	100.28	64.55	35.73	2.807		
3,300.00	2,700.46	3,327.13	2,776.03	30.39	29.27	153.19	-1,374.15	-687.46	105.43	68.18	37.25	2.830		
3,400.00	2,756.81	3,426.99	2,836.33	31.89	30.73	153.61	-1,445.73	-722.30	110.59	71.82	38.78	2.852		
3,500.00	2,813.17	3,526.86	2,896.63	33.40	32.18	154.00	-1,517.30	-757.14	115.76	75.45	40.31	2.872		
3,600.00	2,869.52	3,626.72	2,956.93	34.91	33.64	154.35	-1,588.87	-791.99	120.93	79.09	41.85	2.890		
3,700.00	2,925.87	3,726.59	3,017.23	36.42	35.11	154.67	-1,660.44	-826.83	126.11	82.72	43.39	2.907		
3,800.00	2,982.22	3,826.45	3,077.53	37.93	36.57	154.97	-1,732.02	-861.67	131.29	86.36	44.93	2.922		
3,900.00	3,038.58	3,926.31	3,137.83	39.45	38.03	155.24	-1,803.59	-896.52	136.47	90.00	46.47	2.937		
4,000.00	3,094.93	4,026.18	3,198.13	40.96	39.50	155.49	-1,875.16	-931.36	141.66	93.64	48.02	2.950		
4,100.00	3,151.28	4,126.04	3,258.43	42.48	40.97	155.73	-1,946.73	-966.20	146.84	97.28	49.57	2.962		
4,200.00	3,207.63	4,225.90	3,318.73	44.00	42.43	155.95	-2,018.31	-1,001.05	152.04	100.92	51.12	2.974		
4,300.00	3,263.99	4,325.77	3,379.02	45.52	43.90	156.16	-2,089.88	-1,035.89	157.23	104.56	52.67	2.985		
4,400.00	3,320.34	4,425.63	3,439.32	47.04	45.37	156.35	-2,161.45	-1,070.73	162.42	108.20	54.23	2.995		
4,500.00	3,376.69	4,525.49	3,499.62	48.56	46.85	156.53	-2,233.03	-1,105.57	167.62	111.84	55.78	3.005		
4,600.00	3,433.05	4,625.36	3,559.92	50.08	48.32	156.70	-2,304.60	-1,140.42	172.82	115.48	57.34	3.014		
4,700.00	3,489.40	4,725.22	3,620.22	51.61	49.79	156.86	-2,376.17	-1,175.26	178.02	119.12	58.90	3.022		
4,800.00	3,545.75	4,825.08	3,680.52	53.13	51.26	157.01	-2,447.74	-1,210.10	183.22	122.76	60.46	3.030		
4,900.00	3,602.10	4,924.95	3,740.82	54.65	52.74	157.15	-2,519.32	-1,244.95	188.42	126.40	62.02	3.038		
5,000.00	3,658.46	5,024.81	3,801.12	56.18	54.21	157.28	-2,590.89	-1,279.79	193.62	130.04	63.58	3.045		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	3,714.81	5,124.68	3,861.42	57.70	55.69	157.41	-2,662.46	-1,314.63	198.82	133.68	65.14	3.052		
5,200.00	3,771.16	5,224.54	3,921.72	59.23	57.16	157.53	-2,734.03	-1,349.48	204.03	137.32	66.71	3.059		
5,300.00	3,827.51	5,324.40	3,982.02	60.75	58.64	157.65	-2,805.61	-1,384.32	209.23	140.96	68.27	3.065		
5,400.00	3,883.87	5,424.27	4,042.32	62.28	60.11	157.76	-2,877.18	-1,419.16	214.44	144.60	69.84	3.071		
5,500.00	3,940.22	5,524.13	4,102.62	63.80	61.59	157.86	-2,948.75	-1,454.01	219.65	148.24	71.40	3.076		
5,600.00	3,996.57	5,623.99	4,162.92	65.33	63.07	157.96	-3,020.33	-1,488.85	224.86	151.88	72.97	3.081		
5,700.00	4,052.93	5,723.86	4,223.22	66.86	64.54	158.06	-3,091.90	-1,523.69	230.06	155.52	74.54	3.086		
5,800.00	4,109.28	5,823.72	4,283.52	68.39	66.02	158.15	-3,163.47	-1,558.54	235.27	159.17	76.11	3.091		
5,900.00	4,165.63	5,923.58	4,343.82	69.91	67.50	158.23	-3,235.04	-1,593.38	240.48	162.81	77.68	3.096		
6,000.00	4,221.98	6,023.45	4,404.12	71.44	68.98	158.32	-3,306.62	-1,628.22	245.69	166.45	79.25	3.100		
6,100.00	4,278.34	6,123.31	4,464.42	72.97	70.45	158.40	-3,378.19	-1,663.07	250.90	170.09	80.81	3.105		
6,200.00	4,334.69	6,223.17	4,524.72	74.50	71.93	158.47	-3,449.76	-1,697.91	256.11	173.73	82.39	3.109		
6,300.00	4,391.04	6,323.04	4,585.02	76.03	73.41	158.55	-3,521.33	-1,732.75	261.33	177.37	83.96	3.113		
6,400.00	4,447.40	6,422.90	4,645.32	77.55	74.89	158.62	-3,592.91	-1,767.59	266.54	181.01	85.53	3.116		
6,500.00	4,503.75	6,522.77	4,705.61	79.08	76.37	158.68	-3,664.48	-1,802.44	271.75	184.65	87.10	3.120		
6,600.00	4,560.10	6,622.63	4,765.91	80.61	77.85	158.75	-3,736.05	-1,837.28	276.96	188.29	88.67	3.124		
6,700.00	4,616.45	6,722.49	4,826.21	82.14	79.33	158.81	-3,807.62	-1,872.12	282.18	191.93	90.24	3.127		
6,800.00	4,672.81	6,822.36	4,886.51	83.67	80.81	158.87	-3,879.20	-1,906.97	287.39	195.57	91.81	3.130		
6,900.00	4,729.16	6,922.22	4,946.81	85.20	82.29	158.93	-3,950.77	-1,941.81	292.60	199.22	93.39	3.133		
7,000.00	4,785.51	7,022.08	5,007.11	86.73	83.77	158.99	-4,022.34	-1,976.65	297.82	202.86	94.96	3.136		
7,100.00	4,841.86	7,121.95	5,067.41	88.26	85.25	159.04	-4,093.92	-2,011.50	303.03	206.50	96.53	3.139		
7,200.00	4,898.22	7,221.81	5,127.71	89.79	86.73	159.09	-4,165.49	-2,046.34	308.25	210.14	98.11	3.142		
7,300.00	4,954.57	7,321.67	5,188.01	91.32	88.21	159.14	-4,237.06	-2,081.18	313.46	213.78	99.68	3.145		
7,400.00	5,010.92	7,421.54	5,248.31	92.85	89.69	159.19	-4,308.63	-2,116.03	318.68	217.42	101.26	3.147		
7,500.00	5,067.28	7,521.40	5,308.61	94.38	91.17	159.24	-4,380.21	-2,150.87	323.89	221.06	102.83	3.150		
7,600.00	5,123.63	7,621.26	5,368.91	95.91	92.65	159.29	-4,451.78	-2,185.71	329.11	224.70	104.41	3.152		
7,700.00	5,179.98	7,721.13	5,429.21	97.44	94.13	159.33	-4,523.35	-2,220.56	334.32	228.34	105.98	3.155		
7,800.00	5,236.33	7,820.99	5,489.51	98.97	95.61	159.37	-4,594.92	-2,255.40	339.54	231.98	107.56	3.157		
7,900.00	5,292.69	7,920.86	5,549.81	100.50	97.09	159.42	-4,666.50	-2,290.24	344.75	235.62	109.13	3.159		
8,000.00	5,349.04	8,020.72	5,610.11	102.03	98.57	159.46	-4,738.07	-2,325.08	349.97	239.26	110.71	3.161		
8,100.00	5,405.39	8,120.58	5,670.41	103.56	100.05	159.50	-4,809.64	-2,359.93	355.19	242.90	112.28	3.163		
8,200.00	5,461.74	8,220.45	5,730.71	105.09	101.53	159.54	-4,881.22	-2,394.77	360.40	246.54	113.86	3.165		
8,300.00	5,518.10	8,320.31	5,791.01	106.62	103.01	159.57	-4,952.79	-2,429.61	365.62	250.18	115.44	3.167		
8,400.00	5,574.45	8,420.17	5,851.31	108.15	104.50	159.61	-5,024.36	-2,464.46	370.84	253.82	117.01	3.169		
8,500.00	5,630.80	8,520.04	5,911.61	109.68	105.98	159.64	-5,095.93	-2,499.30	376.05	257.46	118.59	3.171		
8,600.00	5,687.16	8,619.90	5,971.91	111.21	107.46	159.68	-5,167.51	-2,534.14	381.27	261.11	120.16	3.173		
8,700.00	5,743.51	8,719.76	6,032.21	112.75	108.94	159.71	-5,239.08	-2,568.99	386.49	264.75	121.74	3.175		
8,800.00	5,799.86	8,819.63	6,092.50	114.28	110.42	159.74	-5,310.65	-2,603.83	391.70	268.39	123.32	3.176		
8,900.00	5,856.21	8,919.49	6,152.80	115.81	111.90	159.78	-5,382.22	-2,638.67	396.92	272.03	124.90	3.178		
9,000.00	5,912.57	9,019.35	6,213.10	117.34	113.38	159.81	-5,453.80	-2,673.52	402.14	275.67	126.47	3.180		
9,100.00	5,968.92	9,119.22	6,273.40	118.87	114.86	159.84	-5,525.37	-2,708.36	407.36	279.31	128.05	3.181		
9,200.00	6,025.27	9,219.08	6,333.70	120.40	116.35	159.87	-5,596.94	-2,743.20	412.57	282.95	129.63	3.183		
9,300.00	6,081.63	9,318.95	6,394.00	121.93	117.83	159.89	-5,668.52	-2,778.05	417.79	286.59	131.21	3.184		
9,400.00	6,137.98	9,418.81	6,454.30	123.46	119.31	159.92	-5,740.09	-2,812.89	423.01	290.23	132.78	3.186		
9,500.00	6,194.33	9,518.67	6,514.60	125.00	120.79	159.95	-5,811.66	-2,847.73	428.23	293.87	134.36	3.187		
9,600.00	6,250.68	9,618.54	6,574.90	126.53	122.27	159.98	-5,883.23	-2,882.57	433.45	297.51	135.94	3.189		
9,700.00	6,307.04	9,718.40	6,635.20	128.06	123.76	160.00	-5,954.81	-2,917.42	438.67	301.15	137.52	3.190		
9,800.00	6,363.39	9,818.26	6,695.50	129.59	125.24	160.03	-6,026.38	-2,952.26	443.88	304.79	139.09	3.191		
9,900.00	6,419.74	9,918.13	6,755.80	131.12	126.72	160.05	-6,097.95	-2,987.10	449.10	308.43	140.67	3.193		
10,000.00	6,476.09	10,017.99	6,816.10	132.65	128.20	160.07	-6,169.52	-3,021.95	454.32	312.07	142.25	3.194		
10,100.00	6,532.45	10,117.85	6,876.40	134.18	129.68	160.10	-6,241.10	-3,056.79	459.54	315.71	143.83	3.195		
10,200.00	6,588.80	10,217.72	6,936.70	135.72	131.16	160.12	-6,312.67	-3,091.63	464.76	319.35	145.41	3.196		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,645.15	10,317.58	6,997.00	137.25	132.65	160.14	-6,384.24	-3,126.48	469.98	322.99	146.99	3.197		
10,400.00	6,701.51	10,417.44	7,057.30	138.78	134.13	160.17	-6,455.81	-3,161.32	475.20	326.63	148.57	3.199		
10,500.00	6,757.86	10,513.57	7,114.62	140.31	135.58	159.84	-6,523.85	-3,197.57	480.65	329.71	150.94	3.184		
10,600.00	6,813.28	10,605.23	7,165.31	141.87	137.02	153.60	-6,583.99	-3,244.46	487.09	331.06	156.03	3.122		
10,700.00	6,864.12	10,694.95	7,209.66	143.49	138.47	146.14	-6,636.57	-3,301.92	493.38	332.91	160.47	3.075		
10,800.00	6,908.67	10,783.16	7,247.12	145.14	139.88	140.01	-6,680.96	-3,368.19	499.13	335.41	163.71	3.049		
10,900.00	6,945.58	10,870.18	7,277.23	146.73	141.22	135.24	-6,716.62	-3,441.54	504.03	338.40	165.63	3.043		
11,000.00	6,973.71	10,956.31	7,299.67	148.22	142.47	131.78	-6,743.14	-3,520.26	507.85	341.57	166.28	3.054		
11,100.00	6,992.22	11,041.82	7,314.19	149.55	143.58	129.59	-6,760.26	-3,602.69	510.41	344.54	165.87	3.077		
11,200.00	7,000.54	11,126.98	7,320.65	150.69	144.55	128.63	-6,767.79	-3,687.19	511.57	346.87	164.69	3.106		
11,300.00	7,001.00	11,222.58	7,321.00	151.65	145.52	128.57	-6,768.06	-3,782.78	511.63	345.31	166.32	3.076		
11,400.00	7,001.00	11,322.58	7,321.00	152.64	146.55	128.57	-6,767.90	-3,882.78	511.63	342.33	169.29	3.022		
11,500.00	7,001.00	11,422.58	7,321.00	153.65	147.61	128.57	-6,767.74	-3,982.78	511.63	339.30	172.33	2.969		
11,600.00	7,001.00	11,522.58	7,321.00	154.69	148.70	128.57	-6,767.58	-4,082.78	511.62	336.20	175.42	2.917		
11,700.00	7,001.00	11,622.58	7,321.00	155.76	149.82	128.57	-6,767.42	-4,182.78	511.62	333.05	178.57	2.865		
11,800.00	7,001.00	11,722.58	7,321.00	156.85	150.97	128.57	-6,767.25	-4,282.78	511.62	329.85	181.76	2.815		
11,900.00	7,001.00	11,822.58	7,321.00	157.98	152.15	128.57	-6,767.09	-4,382.78	511.61	326.61	185.01	2.765		
12,000.00	7,001.00	11,922.58	7,321.00	159.14	153.36	128.57	-6,766.93	-4,482.78	511.61	323.31	188.30	2.717		
12,100.00	7,001.00	12,022.58	7,321.00	160.32	154.61	128.57	-6,766.77	-4,582.78	511.61	319.98	191.63	2.670		
12,200.00	7,001.00	12,122.58	7,321.00	161.54	155.88	128.57	-6,766.61	-4,682.78	511.61	316.60	195.00	2.624		
12,300.00	7,001.00	12,222.58	7,321.00	162.78	157.18	128.57	-6,766.45	-4,782.78	511.60	313.18	198.42	2.578		
12,400.00	7,001.00	12,322.58	7,321.00	164.06	158.51	128.57	-6,766.29	-4,882.78	511.60	309.73	201.87	2.534		
12,500.00	7,001.00	12,422.58	7,321.00	165.36	159.88	128.57	-6,766.12	-4,982.78	511.60	306.24	205.35	2.491		
12,600.00	7,001.00	12,522.58	7,321.00	166.69	161.27	128.58	-6,765.96	-5,082.78	511.59	302.72	208.87	2.449		
12,700.00	7,001.00	12,622.58	7,321.00	168.05	162.69	128.58	-6,765.80	-5,182.78	511.59	299.17	212.42	2.408		
12,800.00	7,001.00	12,722.58	7,321.00	169.44	164.14	128.58	-6,765.64	-5,282.78	511.59	295.59	216.00	2.368		
12,900.00	7,001.00	12,822.58	7,321.00	170.86	165.62	128.58	-6,765.48	-5,382.78	511.59	291.97	219.61	2.330		
13,000.00	7,001.00	12,922.58	7,321.00	172.30	167.13	128.58	-6,765.32	-5,482.78	511.58	288.34	223.25	2.292		
13,100.00	7,001.00	13,022.58	7,321.00	173.78	168.67	128.58	-6,765.16	-5,582.78	511.58	284.67	226.91	2.255		
13,200.00	7,001.00	13,122.58	7,321.00	175.28	170.23	128.58	-6,765.00	-5,682.78	511.58	280.98	230.60	2.219		
13,300.00	7,001.00	13,222.58	7,321.00	176.80	171.83	128.58	-6,764.83	-5,782.78	511.57	277.27	234.31	2.183		
13,400.00	7,001.00	13,322.58	7,321.00	178.36	173.45	128.58	-6,764.67	-5,882.78	511.57	273.53	238.04	2.149		
13,500.00	7,001.00	13,422.58	7,321.00	179.94	175.09	128.58	-6,764.51	-5,982.78	511.57	269.78	241.79	2.116		
13,600.00	7,001.00	13,522.58	7,321.00	181.55	176.77	128.58	-6,764.35	-6,082.78	511.57	266.00	245.57	2.083		
13,700.00	7,001.00	13,622.58	7,321.00	183.18	178.46	128.58	-6,764.19	-6,182.78	511.56	262.20	249.36	2.051		
13,800.00	7,001.00	13,722.58	7,321.00	184.84	180.19	128.58	-6,764.03	-6,282.78	511.56	258.39	253.17	2.021		
13,900.00	7,001.00	13,822.58	7,321.00	186.52	181.94	128.58	-6,763.87	-6,382.78	511.56	254.55	257.00	1.990		
14,000.00	7,001.00	13,922.58	7,321.00	188.23	183.71	128.58	-6,763.71	-6,482.78	511.55	250.70	260.85	1.961		
14,100.00	7,001.00	14,022.58	7,321.00	189.97	185.51	128.58	-6,763.54	-6,582.78	511.55	246.84	264.72	1.932		
14,200.00	7,001.00	14,122.58	7,321.00	191.72	187.33	128.58	-6,763.38	-6,682.78	511.55	242.95	268.59	1.905		
14,300.00	7,001.00	14,222.58	7,321.00	193.50	189.17	128.58	-6,763.22	-6,782.78	511.55	239.06	272.49	1.877		
14,400.00	7,001.00	14,322.58	7,321.00	195.30	191.04	128.58	-6,763.06	-6,882.78	511.54	235.15	276.40	1.851		
14,500.00	7,001.00	14,422.58	7,321.00	197.13	192.92	128.58	-6,762.90	-6,982.78	511.54	231.22	280.32	1.825		
14,600.00	7,001.00	14,522.58	7,321.00	198.98	194.83	128.58	-6,762.74	-7,082.78	511.54	227.28	284.25	1.800		
14,700.00	7,001.00	14,622.58	7,321.00	200.85	196.76	128.58	-6,762.58	-7,182.77	511.53	223.33	288.20	1.775		
14,800.00	7,001.00	14,722.58	7,321.00	202.73	198.71	128.58	-6,762.41	-7,282.77	511.53	219.37	292.16	1.751		
14,900.00	7,001.00	14,822.58	7,321.00	204.64	200.68	128.58	-6,762.25	-7,382.77	511.53	215.40	296.13	1.727		
15,000.00	7,001.00	14,922.58	7,321.00	206.57	202.67	128.58	-6,762.09	-7,482.77	511.53	211.41	300.11	1.704		
15,100.00	7,001.00	15,022.58	7,321.00	208.52	204.68	128.58	-6,761.93	-7,582.77	511.52	207.42	304.11	1.682		
15,200.00	7,001.00	15,122.58	7,321.00	210.49	206.70	128.58	-6,761.77	-7,682.77	511.52	203.41	308.11	1.660		
15,300.00	7,001.00	15,222.58	7,321.00	212.48	208.75	128.58	-6,761.61	-7,782.77	511.52	199.39	312.12	1.639		
15,400.00	7,001.00	15,322.58	7,321.00	214.48	210.81	128.58	-6,761.45	-7,882.77	511.51	195.37	316.15	1.618		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec 36-T7N-R67W - MAVERICK 2W-20-03 - OWB - PROPOSAL 1		Offset Site Error:		0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft		
Reference		Offset		Semi Major Axis		Distance								Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
15,500.00	7,001.00	15,422.58	7,321.00	216.51	212.88	128.58	-6,761.29	-7,982.77	511.51	191.33	320.18	1.598					
15,600.00	7,001.00	15,522.58	7,321.00	218.55	214.98	128.58	-6,761.12	-8,082.77	511.51	187.29	324.22	1.578					
15,700.00	7,001.00	15,622.58	7,321.00	220.60	217.09	128.58	-6,760.96	-8,182.77	511.51	183.24	328.27	1.558					
15,800.00	7,001.00	15,722.58	7,321.00	222.68	219.21	128.58	-6,760.80	-8,282.77	511.50	179.18	332.32	1.539					
15,900.00	7,001.00	15,822.58	7,321.00	224.76	221.35	128.58	-6,760.64	-8,382.77	511.50	175.11	336.39	1.521					
16,000.00	7,001.00	15,922.58	7,321.00	226.87	223.51	128.58	-6,760.48	-8,482.77	511.50	171.04	340.46	1.502					
16,100.00	7,001.00	16,022.58	7,321.00	228.99	225.68	128.58	-6,760.32	-8,582.77	511.49	166.95	344.54	1.485 Level 3					
16,200.00	7,001.00	16,122.58	7,321.00	231.12	227.86	128.58	-6,760.16	-8,682.77	511.49	162.86	348.63	1.467 Level 3					
16,300.00	7,001.00	16,222.58	7,321.00	233.27	230.05	128.58	-6,760.00	-8,782.77	511.49	158.77	352.72	1.450 Level 3					
16,400.00	7,001.00	16,322.58	7,321.00	235.43	232.26	128.58	-6,759.83	-8,882.77	511.49	154.66	356.82	1.433 Level 3					
16,500.00	7,001.00	16,422.58	7,321.00	237.61	234.48	128.59	-6,759.67	-8,982.77	511.48	150.56	360.93	1.417 Level 3					
16,600.00	7,001.00	16,522.58	7,321.00	239.79	236.72	128.59	-6,759.51	-9,082.77	511.48	146.44	365.04	1.401 Level 3					
16,700.00	7,001.00	16,622.58	7,321.00	242.00	238.96	128.59	-6,759.35	-9,182.77	511.48	142.32	369.16	1.386 Level 3					
16,800.00	7,001.00	16,722.58	7,321.00	244.21	241.22	128.59	-6,759.19	-9,282.77	511.47	138.19	373.28	1.370 Level 3					
16,900.00	7,001.00	16,822.58	7,321.00	246.43	243.49	128.59	-6,759.03	-9,382.77	511.47	134.06	377.41	1.355 Level 3					
17,000.00	7,001.00	16,922.58	7,321.00	248.67	245.77	128.59	-6,758.87	-9,482.77	511.47	129.92	381.55	1.341 Level 3					
17,100.00	7,001.00	17,022.58	7,321.00	250.92	248.06	128.59	-6,758.70	-9,582.77	511.47	125.78	385.69	1.326 Level 3					
17,200.00	7,001.00	17,122.58	7,321.00	253.18	250.36	128.59	-6,758.54	-9,682.77	511.46	121.63	389.83	1.312 Level 3					
17,300.00	7,001.00	17,222.58	7,321.00	255.45	252.67	128.59	-6,758.38	-9,782.77	511.46	117.48	393.98	1.298 Level 3					
17,400.00	7,001.00	17,322.58	7,321.00	257.73	254.98	128.59	-6,758.22	-9,882.77	511.46	113.32	398.14	1.285 Level 3					
17,500.00	7,001.00	17,422.58	7,321.00	260.02	257.31	128.59	-6,758.06	-9,982.77	511.45	109.16	402.30	1.271 Level 3					
17,600.00	7,001.00	17,522.58	7,321.00	262.32	259.65	128.59	-6,757.90	-10,082.77	511.45	104.99	406.46	1.258 Level 3					
17,700.00	7,001.00	17,622.58	7,321.00	264.63	262.00	128.59	-6,757.74	-10,182.77	511.45	100.82	410.63	1.246 Level 2					
17,800.00	7,001.00	17,722.58	7,321.00	266.95	264.35	128.59	-6,757.58	-10,282.77	511.45	96.65	414.80	1.233 Level 2					
17,900.00	7,001.00	17,822.58	7,321.00	269.28	266.71	128.59	-6,757.41	-10,382.77	511.44	92.47	418.98	1.221 Level 2					
18,000.00	7,001.00	17,922.58	7,321.00	271.61	269.09	128.59	-6,757.25	-10,482.77	511.44	88.28	423.16	1.209 Level 2					
18,100.00	7,001.00	18,022.58	7,321.00	273.96	271.46	128.59	-6,757.09	-10,582.77	511.44	84.10	427.34	1.197 Level 2					
18,200.00	7,001.00	18,122.58	7,321.00	276.31	273.85	128.59	-6,756.93	-10,682.77	511.43	79.91	431.53	1.185 Level 2					
18,300.00	7,001.00	18,222.58	7,321.00	278.67	276.24	128.59	-6,756.77	-10,782.77	511.43	75.71	435.72	1.174 Level 2					
18,400.00	7,001.00	18,322.58	7,321.00	281.04	278.65	128.59	-6,756.61	-10,882.77	511.43	71.52	439.91	1.163 Level 2					
18,500.00	7,001.00	18,422.58	7,321.00	283.42	281.05	128.59	-6,756.45	-10,982.77	511.43	67.32	444.11	1.152 Level 2					
18,600.00	7,001.00	18,522.58	7,321.00	285.80	283.47	128.59	-6,756.29	-11,082.77	511.42	63.11	448.31	1.141 Level 2					
18,700.00	7,001.00	18,622.58	7,321.00	288.19	285.89	128.59	-6,756.12	-11,182.77	511.42	58.90	452.52	1.130 Level 2					
18,800.00	7,001.00	18,722.58	7,321.00	290.59	288.32	128.59	-6,755.96	-11,282.77	511.42	54.69	456.72	1.120 Level 2					
18,900.00	7,001.00	18,822.58	7,321.00	293.00	290.75	128.59	-6,755.80	-11,382.77	511.41	50.48	460.93	1.110 Level 2					
19,000.00	7,001.00	18,922.58	7,321.00	295.41	293.19	128.59	-6,755.64	-11,482.77	511.41	46.27	465.15	1.099 Level 2					
19,100.00	7,001.00	19,022.58	7,321.00	297.83	295.64	128.59	-6,755.48	-11,582.77	511.41	42.05	469.36	1.090 Level 2					
19,200.00	7,001.00	19,122.58	7,321.00	300.25	298.09	128.59	-6,755.32	-11,682.77	511.41	37.82	473.58	1.080 Level 2					
19,300.00	7,001.00	19,222.58	7,321.00	302.68	300.55	128.59	-6,755.16	-11,782.77	511.40	33.60	477.80	1.070 Level 2					
19,400.00	7,001.00	19,322.58	7,321.00	305.12	303.01	128.59	-6,754.99	-11,882.77	511.40	29.37	482.03	1.061 Level 2					
19,500.00	7,001.00	19,422.58	7,321.00	307.56	305.48	128.59	-6,754.83	-11,982.77	511.40	25.14	486.25	1.052 Level 2					
19,600.00	7,001.00	19,522.58	7,321.00	310.01	307.95	128.59	-6,754.67	-12,082.77	511.39	20.91	490.48	1.043 Level 2					
19,700.00	7,001.00	19,622.58	7,321.00	312.46	310.43	128.59	-6,754.51	-12,182.77	511.39	16.68	494.71	1.034 Level 2					
19,800.00	7,001.00	19,722.58	7,321.00	314.92	312.91	128.59	-6,754.35	-12,282.77	511.39	12.44	498.95	1.025 Level 2					
19,900.00	7,001.00	19,822.58	7,321.00	317.39	315.40	128.59	-6,754.19	-12,382.77	511.39	8.20	503.18	1.016 Level 2					
20,000.00	7,001.00	19,922.58	7,321.00	319.85	317.89	128.59	-6,754.03	-12,482.77	511.38	3.96	507.42	1.008 Level 2					
20,100.00	7,001.00	20,022.58	7,321.00	322.33	320.38	128.59	-6,753.87	-12,582.77	511.38	-0.28	511.66	0.999 Level 1					
20,200.00	7,001.00	20,122.58	7,321.00	324.81	322.89	128.59	-6,753.70	-12,682.77	511.38	-4.53	515.91	0.991 Level 1					
20,300.00	7,001.00	20,222.58	7,321.00	327.29	325.39	128.59	-6,753.54	-12,782.77	511.37	-8.78	520.15	0.983 Level 1					
20,400.00	7,001.00	20,322.58	7,321.00	329.78	327.90	128.60	-6,753.38	-12,882.77	511.37	-13.03	524.40	0.975 Level 1					
20,500.00	7,001.00	20,422.58	7,321.00	332.27	330.41	128.60	-6,753.22	-12,982.77	511.37	-17.28	528.65	0.967 Level 1					
20,600.00	7,001.00	20,522.58	7,321.00	334.77	332.93	128.60	-6,753.06	-13,082.77	511.37	-21.53	532.90	0.960 Level 1					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design      Sec 36-T7N-R67W - MAVERICK 2W-20-03 - OWB - PROPOSAL 1													Offset Site Error:		0.00 usft
Survey Program:    0-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference  (usft)	Offset  (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
20,700.00	7,001.00	20,622.58	7,321.00	337.27	335.45	128.60	-6,752.90	-13,182.77	511.36	-25.79	537.15	0.952	Level 1		
20,800.00	7,001.00	20,722.58	7,321.00	339.77	337.98	128.60	-6,752.74	-13,282.77	511.36	-30.05	541.41	0.945	Level 1		
20,900.00	7,001.00	20,822.58	7,321.00	342.28	340.50	128.60	-6,752.58	-13,382.77	511.36	-34.31	545.66	0.937	Level 1		
21,000.00	7,001.00	20,922.58	7,321.00	344.79	343.04	128.60	-6,752.41	-13,482.77	511.35	-38.57	549.92	0.930	Level 1		
21,100.00	7,001.00	21,022.58	7,321.00	347.31	345.57	128.60	-6,752.25	-13,582.77	511.35	-42.83	554.18	0.923	Level 1		
21,200.00	7,001.00	21,122.58	7,321.00	349.83	348.11	128.60	-6,752.09	-13,682.77	511.35	-47.09	558.44	0.916	Level 1		
21,300.00	7,001.00	21,222.58	7,321.00	352.35	350.65	128.60	-6,751.93	-13,782.77	511.35	-51.36	562.70	0.909	Level 1		
21,369.95	7,001.00	21,292.53	7,321.00	354.12	352.43	128.60	-6,751.82	-13,852.72	511.34	-54.34	565.69	0.904	Level 1, ES, SF		



Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-INC												Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis		Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
2,800.00	2,417.66	2,449.66	2,449.66	22.94	48.90	52.98	-5,657.36	-9,397.21	10,013.34	9,947.92	65.42	153.057	
2,900.00	2,475.05	2,507.05	2,507.05	24.41	50.05	54.42	-5,657.36	-9,397.21	9,948.89	9,881.32	67.57	147.244	
3,000.00	2,531.40	2,563.40	2,563.40	25.89	51.19	54.71	-5,657.36	-9,397.21	9,884.13	9,814.42	69.71	141.785	
3,100.00	2,587.75	2,619.75	2,619.75	27.39	52.32	55.00	-5,657.36	-9,397.21	9,819.63	9,747.76	71.88	136.621	
3,200.00	2,644.11	2,676.11	2,676.11	28.89	53.45	55.29	-5,657.36	-9,397.21	9,755.41	9,681.36	74.06	131.730	
3,300.00	2,700.46	2,732.46	2,732.46	30.39	54.59	55.58	-5,657.36	-9,397.21	9,691.47	9,615.22	76.25	127.094	
3,400.00	2,756.81	2,788.81	2,788.81	31.89	55.72	55.88	-5,657.36	-9,397.21	9,627.82	9,549.35	78.47	122.695	
3,500.00	2,813.17	2,845.17	2,845.17	33.40	56.85	56.18	-5,657.36	-9,397.21	9,564.45	9,483.75	80.70	118.518	
3,600.00	2,869.52	2,901.52	2,901.52	34.91	57.99	56.48	-5,657.36	-9,397.21	9,501.38	9,418.43	82.95	114.546	
3,700.00	2,925.87	2,957.87	2,957.87	36.42	59.12	56.78	-5,657.36	-9,397.21	9,438.61	9,353.40	85.21	110.766	
3,800.00	2,982.22	3,014.22	3,014.22	37.93	60.25	57.08	-5,657.36	-9,397.21	9,376.14	9,288.65	87.49	107.166	
3,900.00	3,038.58	3,070.58	3,070.58	39.45	61.39	57.39	-5,657.36	-9,397.21	9,314.00	9,224.21	89.79	103.735	
4,000.00	3,094.93	3,126.93	3,126.93	40.96	62.52	57.70	-5,657.36	-9,397.21	9,252.17	9,160.07	92.10	100.461	
4,100.00	3,151.28	3,183.28	3,183.28	42.48	63.65	58.01	-5,657.36	-9,397.21	9,190.67	9,096.24	94.42	97.334	
4,200.00	3,207.63	3,239.63	3,239.63	44.00	64.79	58.32	-5,657.36	-9,397.21	9,129.50	9,032.73	96.77	94.347	
4,300.00	3,263.99	3,295.99	3,295.99	45.52	65.92	58.64	-5,657.36	-9,397.21	9,068.67	8,969.55	99.12	91.489	
4,400.00	3,320.34	3,352.34	3,352.34	47.04	67.05	58.95	-5,657.36	-9,397.21	9,008.19	8,906.69	101.50	88.755	
4,500.00	3,376.69	3,408.69	3,408.69	48.56	68.19	59.27	-5,657.36	-9,397.21	8,948.06	8,844.18	103.88	86.135	
4,600.00	3,433.05	3,465.05	3,465.05	50.08	69.32	59.60	-5,657.36	-9,397.21	8,888.29	8,782.00	106.29	83.625	
4,700.00	3,489.40	3,521.40	3,521.40	51.61	70.46	59.92	-5,657.36	-9,397.21	8,828.89	8,720.19	108.71	81.217	
4,800.00	3,545.75	3,577.75	3,577.75	53.13	71.59	60.24	-5,657.36	-9,397.21	8,769.87	8,658.73	111.14	78.907	
4,900.00	3,602.10	3,634.10	3,634.10	54.65	72.72	60.57	-5,657.36	-9,397.21	8,711.23	8,597.64	113.59	76.688	
5,000.00	3,658.46	3,690.46	3,690.46	56.18	73.86	60.90	-5,657.36	-9,397.21	8,652.98	8,536.92	116.06	74.557	
5,100.00	3,714.81	3,746.81	3,746.81	57.70	74.99	61.23	-5,657.36	-9,397.21	8,595.13	8,476.59	118.54	72.507	
5,200.00	3,771.16	3,803.16	3,803.16	59.23	76.12	61.57	-5,657.36	-9,397.21	8,537.69	8,416.65	121.04	70.536	
5,300.00	3,827.51	3,859.51	3,859.51	60.75	77.26	61.90	-5,657.36	-9,397.21	8,480.67	8,357.11	123.55	68.640	
5,400.00	3,883.87	3,915.87	3,915.87	62.28	78.39	62.24	-5,657.36	-9,397.21	8,424.07	8,297.98	126.08	66.813	
5,500.00	3,940.22	3,972.22	3,972.22	63.80	79.52	62.58	-5,657.36	-9,397.21	8,367.90	8,239.27	128.63	65.054	
5,600.00	3,996.57	4,028.57	4,028.57	65.33	80.66	62.92	-5,657.36	-9,397.21	8,312.17	8,180.98	131.19	63.359	
5,700.00	4,052.93	4,084.93	4,084.93	66.86	81.79	63.27	-5,657.36	-9,397.21	8,256.89	8,123.12	133.77	61.725	
5,800.00	4,109.28	4,141.28	4,141.28	68.39	82.92	63.62	-5,657.36	-9,397.21	8,202.08	8,065.71	136.36	60.149	
5,900.00	4,165.63	4,197.63	4,197.63	69.91	84.06	63.96	-5,657.36	-9,397.21	8,147.73	8,008.75	138.97	58.628	
6,000.00	4,221.98	4,253.98	4,253.98	71.44	85.19	64.31	-5,657.36	-9,397.21	8,093.86	7,952.26	141.60	57.160	
6,100.00	4,278.34	4,310.34	4,310.34	72.97	86.32	64.67	-5,657.36	-9,397.21	8,040.47	7,896.23	144.24	55.743	
6,200.00	4,334.69	4,366.69	4,366.69	74.50	87.46	65.02	-5,657.36	-9,397.21	7,987.59	7,840.69	146.90	54.375	
6,300.00	4,391.04	4,423.04	4,423.04	76.03	88.59	65.38	-5,657.36	-9,397.21	7,935.21	7,785.64	149.57	53.052	
6,400.00	4,447.40	4,479.40	4,479.40	77.55	89.72	65.74	-5,657.36	-9,397.21	7,883.35	7,731.09	152.26	51.774	
6,500.00	4,503.75	4,535.75	4,535.75	79.08	90.86	66.10	-5,657.36	-9,397.21	7,832.02	7,677.05	154.97	50.539	
6,600.00	4,560.10	4,592.10	4,592.10	80.61	91.99	66.46	-5,657.36	-9,397.21	7,781.23	7,623.53	157.69	49.345	
6,700.00	4,616.45	4,648.45	4,648.45	82.14	93.12	66.83	-5,657.36	-9,397.21	7,730.98	7,570.55	160.43	48.189	
6,800.00	4,672.81	4,704.81	4,704.81	83.67	94.25	67.20	-5,657.36	-9,397.21	7,681.30	7,518.11	163.18	47.072	
6,900.00	4,729.16	4,761.16	4,761.16	85.20	95.39	67.56	-5,657.36	-9,397.21	7,632.18	7,466.23	165.95	45.991	
7,000.00	4,785.51	4,817.51	4,817.51	86.73	96.52	67.94	-5,657.36	-9,397.21	7,583.65	7,414.92	168.73	44.944	
7,100.00	4,841.86	4,873.86	4,873.86	88.26	97.65	68.31	-5,657.36	-9,397.21	7,535.71	7,364.18	171.53	43.931	
7,200.00	4,898.22	4,930.22	4,930.22	89.79	98.79	68.68	-5,657.36	-9,397.21	7,488.38	7,314.03	174.35	42.951	
7,300.00	4,954.57	4,986.57	4,986.57	91.32	99.92	69.06	-5,657.36	-9,397.21	7,441.66	7,264.48	177.18	42.001	
7,400.00	5,010.92	5,042.92	5,042.92	92.85	101.05	69.44	-5,657.36	-9,397.21	7,395.57	7,215.55	180.02	41.082	
7,500.00	5,067.28	5,099.28	5,099.28	94.38	102.19	69.82	-5,657.36	-9,397.21	7,350.12	7,167.24	182.88	40.191	
7,600.00	5,123.63	5,155.63	5,155.63	95.91	103.32	70.20	-5,657.36	-9,397.21	7,305.32	7,119.57	185.75	39.329	
7,700.00	5,179.98	5,211.98	5,211.98	97.44	104.45	70.59	-5,657.36	-9,397.21	7,261.18	7,072.55	188.63	38.493	
7,800.00	5,236.33	5,268.33	5,268.33	98.97	105.59	70.97	-5,657.36	-9,397.21	7,217.72	7,026.19	191.53	37.684	
7,900.00	5,292.69	5,324.69	5,324.69	100.50	106.72	71.36	-5,657.36	-9,397.21	7,174.95	6,980.50	194.45	36.900	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-INC													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,000.00	5,349.04	5,381.04	5,381.04	102.03	107.85	71.75	-5,657.36	-9,397.21	7,132.87	6,935.51	197.37	36.140		
8,100.00	5,405.39	5,437.39	5,437.39	103.56	108.99	72.14	-5,657.36	-9,397.21	7,091.51	6,891.21	200.31	35.403		
8,200.00	5,461.74	5,493.74	5,493.74	105.09	110.12	72.54	-5,657.36	-9,397.21	7,050.88	6,847.63	203.25	34.690		
8,300.00	5,518.10	5,550.10	5,550.10	106.62	111.25	72.93	-5,657.36	-9,397.21	7,010.98	6,804.77	206.21	33.999		
8,400.00	5,574.45	5,606.45	5,606.45	108.15	112.39	73.33	-5,657.36	-9,397.21	6,971.84	6,762.65	209.18	33.329		
8,500.00	5,630.80	5,662.80	5,662.80	109.68	113.52	73.73	-5,657.36	-9,397.21	6,933.45	6,721.29	212.16	32.680		
8,600.00	5,687.16	5,719.16	5,719.16	111.21	114.65	74.13	-5,657.36	-9,397.21	6,895.85	6,680.70	215.15	32.051		
8,700.00	5,743.51	5,775.51	5,775.51	112.75	115.79	74.53	-5,657.36	-9,397.21	6,859.03	6,640.88	218.15	31.442		
8,800.00	5,799.86	5,831.86	5,831.86	114.28	116.92	74.93	-5,657.36	-9,397.21	6,823.01	6,601.86	221.16	30.852		
8,900.00	5,856.21	5,888.21	5,888.21	115.81	118.05	75.34	-5,657.36	-9,397.21	6,787.81	6,563.64	224.17	30.280		
9,000.00	5,912.57	5,944.57	5,944.57	117.34	119.19	75.74	-5,657.36	-9,397.21	6,753.44	6,526.25	227.19	29.726		
9,100.00	5,968.92	6,000.92	6,000.92	118.87	120.32	76.15	-5,657.36	-9,397.21	6,719.90	6,489.68	230.22	29.189		
9,200.00	6,025.27	6,057.27	6,057.27	120.40	121.45	76.56	-5,657.36	-9,397.21	6,687.22	6,453.97	233.25	28.670		
9,300.00	6,081.63	6,113.63	6,113.63	121.93	122.59	76.97	-5,657.36	-9,397.21	6,655.40	6,419.11	236.29	28.167		
9,400.00	6,137.98	6,169.98	6,169.98	123.46	123.72	77.38	-5,657.36	-9,397.21	6,624.46	6,385.13	239.33	27.680		
9,500.00	6,194.33	6,226.33	6,226.33	125.00	124.85	77.80	-5,657.36	-9,397.21	6,594.41	6,352.04	242.37	27.208		
9,600.00	6,250.68	6,282.68	6,282.68	126.53	125.99	78.21	-5,657.36	-9,397.21	6,565.26	6,319.85	245.42	26.752		
9,700.00	6,307.04	6,339.04	6,339.04	128.06	127.12	78.63	-5,657.36	-9,397.21	6,537.03	6,288.56	248.46	26.310		
9,800.00	6,363.39	6,395.39	6,395.39	129.59	128.25	79.04	-5,657.36	-9,397.21	6,509.72	6,258.21	251.51	25.883		
9,900.00	6,419.74	6,451.74	6,451.74	131.12	129.39	79.46	-5,657.36	-9,397.21	6,483.35	6,228.79	254.55	25.470		
10,000.00	6,476.09	6,508.09	6,508.09	132.65	130.52	79.88	-5,657.36	-9,397.21	6,457.92	6,200.33	257.59	25.070		
10,100.00	6,532.45	6,564.45	6,564.45	134.18	131.65	80.30	-5,657.36	-9,397.21	6,433.46	6,172.83	260.63	24.684		
10,200.00	6,588.80	6,620.80	6,620.80	135.72	132.79	80.72	-5,657.36	-9,397.21	6,409.97	6,146.30	263.67	24.311		
10,300.00	6,645.15	6,677.15	6,677.15	137.25	133.92	81.14	-5,657.36	-9,397.21	6,387.46	6,120.77	266.70	23.950		
10,400.00	6,701.51	6,733.51	6,733.51	138.78	135.05	81.57	-5,657.36	-9,397.21	6,365.95	6,096.23	269.72	23.602		
10,500.00	6,757.86	6,789.86	6,789.86	140.31	136.19	81.99	-5,657.36	-9,397.21	6,345.44	6,072.70	272.74	23.266		
10,600.00	6,813.28	6,845.28	6,845.28	141.87	137.30	82.33	-5,657.36	-9,397.21	6,322.01	6,046.28	275.73	22.928		
10,700.00	6,864.12	6,896.12	6,896.12	143.49	138.32	82.71	-5,657.36	-9,397.21	6,283.97	6,005.35	278.62	22.554		
10,800.00	6,908.67	6,940.67	6,940.67	145.14	139.22	83.04	-5,657.36	-9,397.21	6,231.47	5,950.17	281.31	22.152		
10,900.00	6,945.58	6,977.58	6,977.58	146.73	139.96	83.33	-5,657.36	-9,397.21	6,165.91	5,882.21	283.70	21.734		
11,000.00	6,973.71	7,005.71	7,005.71	148.22	140.53	83.63	-5,657.36	-9,397.21	6,089.05	5,803.32	285.72	21.311		
11,100.00	6,992.22	7,024.22	7,024.22	149.55	140.90	83.74	-5,657.36	-9,397.21	6,002.95	5,715.65	287.31	20.894		
11,200.00	7,000.54	7,032.54	7,032.54	150.69	141.07	84.21	-5,657.36	-9,397.21	5,909.99	5,621.61	288.39	20.493		
11,300.00	7,001.00	7,033.00	7,033.00	151.65	141.08	90.00	-5,657.36	-9,397.21	5,813.50	5,524.43	289.07	20.111		
11,400.00	7,001.00	7,033.00	7,033.00	152.64	141.08	90.00	-5,657.36	-9,397.21	5,716.95	5,427.20	289.75	19.731		
11,500.00	7,001.00	7,033.00	7,033.00	153.65	141.08	90.00	-5,657.36	-9,397.21	5,620.52	5,330.07	290.45	19.351		
11,600.00	7,001.00	7,033.00	7,033.00	154.69	141.08	90.00	-5,657.36	-9,397.21	5,524.22	5,233.05	291.18	18.972		
11,700.00	7,001.00	7,033.00	7,033.00	155.76	141.08	90.00	-5,657.36	-9,397.21	5,428.05	5,136.13	291.93	18.594		
11,800.00	7,001.00	7,033.00	7,033.00	156.85	141.08	90.00	-5,657.36	-9,397.21	5,332.03	5,039.33	292.70	18.217		
11,900.00	7,001.00	7,033.00	7,033.00	157.98	141.08	90.00	-5,657.36	-9,397.21	5,236.15	4,942.65	293.50	17.840		
12,000.00	7,001.00	7,033.00	7,033.00	159.14	141.08	90.00	-5,657.36	-9,397.21	5,140.43	4,846.10	294.33	17.465		
12,100.00	7,001.00	7,033.00	7,033.00	160.32	141.08	90.00	-5,657.36	-9,397.21	5,044.88	4,749.69	295.19	17.090		
12,200.00	7,001.00	7,033.00	7,033.00	161.54	141.08	90.00	-5,657.36	-9,397.21	4,949.50	4,653.42	296.08	16.717		
12,300.00	7,001.00	7,033.00	7,033.00	162.78	141.08	90.00	-5,657.36	-9,397.21	4,854.30	4,557.31	297.00	16.345		
12,400.00	7,001.00	7,033.00	7,033.00	164.06	141.08	90.00	-5,657.36	-9,397.21	4,759.31	4,461.36	297.95	15.973		
12,500.00	7,001.00	7,033.00	7,033.00	165.36	141.08	90.00	-5,657.36	-9,397.21	4,664.52	4,365.58	298.94	15.603		
12,600.00	7,001.00	7,033.00	7,033.00	166.69	141.08	90.00	-5,657.36	-9,397.21	4,569.96	4,269.99	299.97	15.235		
12,700.00	7,001.00	7,033.00	7,033.00	168.05	141.08	90.00	-5,657.36	-9,397.21	4,475.63	4,174.59	301.04	14.867		
12,800.00	7,001.00	7,033.00	7,033.00	169.44	141.08	90.00	-5,657.36	-9,397.21	4,381.55	4,079.41	302.14	14.502		
12,900.00	7,001.00	7,033.00	7,033.00	170.86	141.08	90.00	-5,657.36	-9,397.21	4,287.74	3,984.45	303.29	14.137		
13,000.00	7,001.00	7,033.00	7,033.00	172.30	141.08	90.00	-5,657.36	-9,397.21	4,194.22	3,889.73	304.49	13.775		
13,100.00	7,001.00	7,033.00	7,033.00	173.78	141.08	90.00	-5,657.36	-9,397.21	4,101.00	3,795.27	305.73	13.414		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design      Sec 3-T6N-R67W - ABND VERT BOWER 1-3 - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program:      0-INC													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,200.00	7,001.00	7,033.00	7,033.00	175.28	141.08	90.00	-5,657.36	-9,397.21	4,008.11	3,701.09	307.03	13.055		
13,300.00	7,001.00	7,033.00	7,033.00	176.80	141.08	90.00	-5,657.36	-9,397.21	3,915.57	3,607.20	308.37	12.698		
13,400.00	7,001.00	7,033.00	7,033.00	178.36	141.08	90.00	-5,657.36	-9,397.21	3,823.41	3,513.64	309.77	12.343		
13,500.00	7,001.00	7,033.00	7,033.00	179.94	141.08	90.00	-5,657.36	-9,397.21	3,731.65	3,420.42	311.23	11.990		
13,600.00	7,001.00	7,033.00	7,033.00	181.55	141.08	90.00	-5,657.36	-9,397.21	3,640.33	3,327.57	312.75	11.640		
13,700.00	7,001.00	7,033.00	7,033.00	183.18	141.08	90.00	-5,657.36	-9,397.21	3,549.47	3,235.13	314.33	11.292		
13,800.00	7,001.00	7,033.00	7,033.00	184.84	141.08	90.00	-5,657.36	-9,397.21	3,459.11	3,143.13	315.98	10.947		
13,900.00	7,001.00	7,033.00	7,033.00	186.52	141.08	90.00	-5,657.36	-9,397.21	3,369.30	3,051.60	317.70	10.605		
14,000.00	7,001.00	7,033.00	7,033.00	188.23	141.08	90.00	-5,657.36	-9,397.21	3,280.08	2,960.59	319.50	10.266		
14,100.00	7,001.00	7,033.00	7,033.00	189.97	141.08	90.00	-5,657.36	-9,397.21	3,191.50	2,870.14	321.36	9.931		
14,200.00	7,001.00	7,033.00	7,033.00	191.72	141.08	90.00	-5,657.36	-9,397.21	3,103.62	2,780.31	323.31	9.600		
14,300.00	7,001.00	7,033.00	7,033.00	193.50	141.08	90.00	-5,657.36	-9,397.21	3,016.49	2,691.15	325.33	9.272		
14,400.00	7,001.00	7,033.00	7,033.00	195.30	141.08	90.00	-5,657.36	-9,397.21	2,930.18	2,602.73	327.44	8.949		
14,500.00	7,001.00	7,033.00	7,033.00	197.13	141.08	90.00	-5,657.36	-9,397.21	2,844.76	2,515.13	329.64	8.630		
14,600.00	7,001.00	7,033.00	7,033.00	198.98	141.08	90.00	-5,657.36	-9,397.21	2,760.33	2,428.42	331.91	8.316		
14,700.00	7,001.00	7,033.00	7,033.00	200.85	141.08	90.00	-5,657.36	-9,397.21	2,676.97	2,342.69	334.28	8.008		
14,800.00	7,001.00	7,033.00	7,033.00	202.73	141.08	90.00	-5,657.36	-9,397.21	2,594.79	2,258.06	336.73	7.706		
14,900.00	7,001.00	7,033.00	7,033.00	204.64	141.08	90.00	-5,657.36	-9,397.21	2,513.90	2,174.64	339.25	7.410		
15,000.00	7,001.00	7,033.00	7,033.00	206.57	141.08	90.00	-5,657.36	-9,397.21	2,434.42	2,092.57	341.86	7.121		
15,100.00	7,001.00	7,033.00	7,033.00	208.52	141.08	90.00	-5,657.36	-9,397.21	2,356.52	2,011.99	344.53	6.840		
15,200.00	7,001.00	7,033.00	7,033.00	210.49	141.08	90.00	-5,657.36	-9,397.21	2,280.33	1,933.08	347.25	6.567		
15,300.00	7,001.00	7,033.00	7,033.00	212.48	141.08	90.00	-5,657.36	-9,397.21	2,206.05	1,856.03	350.02	6.303		
15,400.00	7,001.00	7,033.00	7,033.00	214.48	141.08	90.00	-5,657.36	-9,397.21	2,133.87	1,781.06	352.81	6.048		
15,500.00	7,001.00	7,033.00	7,033.00	216.51	141.08	90.00	-5,657.36	-9,397.21	2,064.01	1,708.42	355.59	5.804		
15,600.00	7,001.00	7,033.00	7,033.00	218.55	141.08	90.00	-5,657.36	-9,397.21	1,996.72	1,638.39	358.33	5.572		
15,700.00	7,001.00	7,033.00	7,033.00	220.60	141.08	90.00	-5,657.36	-9,397.21	1,932.26	1,571.28	360.98	5.353		
15,800.00	7,001.00	7,033.00	7,033.00	222.68	141.08	90.00	-5,657.36	-9,397.21	1,870.93	1,507.43	363.50	5.147		
15,900.00	7,001.00	7,033.00	7,033.00	224.76	141.08	90.00	-5,657.36	-9,397.21	1,813.05	1,447.22	365.82	4.956		
16,000.00	7,001.00	7,033.00	7,033.00	226.87	141.08	90.00	-5,657.36	-9,397.21	1,758.94	1,391.07	367.87	4.781		
16,100.00	7,001.00	7,033.00	7,033.00	228.99	141.08	90.00	-5,657.36	-9,397.21	1,708.99	1,339.42	369.56	4.624		
16,200.00	7,001.00	7,033.00	7,033.00	231.12	141.08	90.00	-5,657.36	-9,397.21	1,663.54	1,292.74	370.81	4.486		
16,300.00	7,001.00	7,033.00	7,033.00	233.27	141.08	90.00	-5,657.36	-9,397.21	1,623.00	1,251.49	371.51	4.369		
16,400.00	7,001.00	7,033.00	7,033.00	235.43	141.08	90.00	-5,657.36	-9,397.21	1,587.73	1,216.15	371.58	4.273		
16,500.00	7,001.00	7,033.00	7,033.00	237.61	141.08	90.00	-5,657.36	-9,397.21	1,558.08	1,187.17	370.91	4.201		
16,600.00	7,001.00	7,033.00	7,033.00	239.79	141.08	90.00	-5,657.36	-9,397.21	1,534.39	1,164.95	369.44	4.153		
16,700.00	7,001.00	7,033.00	7,033.00	242.00	141.08	90.00	-5,657.36	-9,397.21	1,516.94	1,149.83	367.11	4.132 SF		
16,800.00	7,001.00	7,033.00	7,033.00	244.21	141.08	90.00	-5,657.36	-9,397.21	1,505.94	1,142.05	363.89	4.138		
16,900.00	7,001.00	7,033.00	7,033.00	246.43	141.08	90.00	-5,657.36	-9,397.21	1,501.53	1,141.74	359.80	4.173 ES		
16,916.27	7,001.00	7,033.00	7,033.00	246.80	141.08	90.00	-5,657.36	-9,397.21	1,501.45	1,142.39	359.05	4.182 CC		
17,000.00	7,001.00	7,033.00	7,033.00	248.67	141.08	90.00	-5,657.36	-9,397.21	1,503.78	1,148.90	354.88	4.237		
17,100.00	7,001.00	7,033.00	7,033.00	250.92	141.08	90.00	-5,657.36	-9,397.21	1,512.65	1,163.43	349.21	4.332		
17,200.00	7,001.00	7,033.00	7,033.00	253.18	141.08	90.00	-5,657.36	-9,397.21	1,528.02	1,185.11	342.91	4.456		
17,300.00	7,001.00	7,033.00	7,033.00	255.45	141.08	90.00	-5,657.36	-9,397.21	1,549.71	1,213.59	336.12	4.611		
17,400.00	7,001.00	7,033.00	7,033.00	257.73	141.08	90.00	-5,657.36	-9,397.21	1,577.45	1,248.49	328.96	4.795		
17,500.00	7,001.00	7,033.00	7,033.00	260.02	141.08	90.00	-5,657.36	-9,397.21	1,610.93	1,289.33	321.59	5.009		
17,600.00	7,001.00	7,033.00	7,033.00	262.32	141.08	90.00	-5,657.36	-9,397.21	1,649.80	1,335.64	314.16	5.252		
17,700.00	7,001.00	7,033.00	7,033.00	264.63	141.08	90.00	-5,657.36	-9,397.21	1,693.69	1,386.92	306.77	5.521		
17,800.00	7,001.00	7,033.00	7,033.00	266.95	141.08	90.00	-5,657.36	-9,397.21	1,742.22	1,442.69	299.53	5.817		
17,900.00	7,001.00	7,033.00	7,033.00	269.28	141.08	90.00	-5,657.36	-9,397.21	1,795.01	1,502.48	292.54	6.136		
18,000.00	7,001.00	7,033.00	7,033.00	271.61	141.08	90.00	-5,657.36	-9,397.21	1,851.71	1,565.86	285.85	6.478		
18,100.00	7,001.00	7,033.00	7,033.00	273.96	141.08	90.00	-5,657.36	-9,397.21	1,911.95	1,632.44	279.51	6.840		
18,200.00	7,001.00	7,033.00	7,033.00	276.31	141.08	90.00	-5,657.36	-9,397.21	1,975.43	1,701.86	273.57	7.221		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-INC													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
18,300.00	7,001.00	7,033.00	7,033.00	278.67	141.08	90.00	-5,657.36	-9,397.21	2,041.83	1,773.80	268.02	7.618		
18,400.00	7,001.00	7,033.00	7,033.00	281.04	141.08	90.00	-5,657.36	-9,397.21	2,110.88	1,847.99	262.89	8.029		
18,500.00	7,001.00	7,033.00	7,033.00	283.42	141.08	90.00	-5,657.36	-9,397.21	2,182.33	1,924.16	258.17	8.453		
18,600.00	7,001.00	7,033.00	7,033.00	285.80	141.08	90.00	-5,657.36	-9,397.21	2,255.95	2,002.09	253.85	8.887		
18,700.00	7,001.00	7,033.00	7,033.00	288.19	141.08	90.00	-5,657.36	-9,397.21	2,331.53	2,081.61	249.92	9.329		
18,800.00	7,001.00	7,033.00	7,033.00	290.59	141.08	90.00	-5,657.36	-9,397.21	2,408.90	2,162.53	246.37	9.778		
18,900.00	7,001.00	7,033.00	7,033.00	293.00	141.08	90.00	-5,657.36	-9,397.21	2,487.88	2,244.72	243.16	10.231		
19,000.00	7,001.00	7,033.00	7,033.00	295.41	141.08	90.00	-5,657.36	-9,397.21	2,568.32	2,328.04	240.29	10.689		
19,100.00	7,001.00	7,033.00	7,033.00	297.83	141.08	90.00	-5,657.36	-9,397.21	2,650.10	2,412.38	237.72	11.148		
19,200.00	7,001.00	7,033.00	7,033.00	300.25	141.08	90.00	-5,657.36	-9,397.21	2,733.09	2,497.65	235.44	11.608		
19,300.00	7,001.00	7,033.00	7,033.00	302.68	141.08	90.00	-5,657.36	-9,397.21	2,817.18	2,583.76	233.43	12.069		
19,400.00	7,001.00	7,033.00	7,033.00	305.12	141.08	90.00	-5,657.36	-9,397.21	2,902.29	2,670.63	231.66	12.528		
19,500.00	7,001.00	7,033.00	7,033.00	307.56	141.08	90.00	-5,657.36	-9,397.21	2,988.31	2,758.21	230.11	12.987		
19,600.00	7,001.00	7,033.00	7,033.00	310.01	141.08	90.00	-5,657.36	-9,397.21	3,075.19	2,846.43	228.76	13.443		
19,700.00	7,001.00	7,033.00	7,033.00	312.46	141.08	90.00	-5,657.36	-9,397.21	3,162.83	2,935.24	227.60	13.897		
19,800.00	7,001.00	7,033.00	7,033.00	314.92	141.08	90.00	-5,657.36	-9,397.21	3,251.19	3,024.60	226.60	14.348		
19,900.00	7,001.00	7,033.00	7,033.00	317.39	141.08	90.00	-5,657.36	-9,397.21	3,340.21	3,114.46	225.75	14.796		
20,000.00	7,001.00	7,033.00	7,033.00	319.85	141.08	90.00	-5,657.36	-9,397.21	3,429.83	3,204.80	225.03	15.241		
20,100.00	7,001.00	7,033.00	7,033.00	322.33	141.08	90.00	-5,657.36	-9,397.21	3,520.01	3,295.57	224.44	15.683		
20,200.00	7,001.00	7,033.00	7,033.00	324.81	141.08	90.00	-5,657.36	-9,397.21	3,610.71	3,386.76	223.95	16.122		
20,300.00	7,001.00	7,033.00	7,033.00	327.29	141.08	90.00	-5,657.36	-9,397.21	3,701.89	3,478.33	223.56	16.558		
20,400.00	7,001.00	7,033.00	7,033.00	329.78	141.08	90.00	-5,657.36	-9,397.21	3,793.51	3,570.25	223.26	16.991		
20,500.00	7,001.00	7,033.00	7,033.00	332.27	141.08	90.00	-5,657.36	-9,397.21	3,885.55	3,662.52	223.03	17.422		
20,600.00	7,001.00	7,033.00	7,033.00	334.77	141.08	90.00	-5,657.36	-9,397.21	3,977.97	3,755.10	222.87	17.849		
20,700.00	7,001.00	7,033.00	7,033.00	337.27	141.08	90.00	-5,657.36	-9,397.21	4,070.75	3,847.98	222.77	18.274		
20,800.00	7,001.00	7,033.00	7,033.00	339.77	141.08	90.00	-5,657.36	-9,397.21	4,163.86	3,941.14	222.72	18.696		
20,900.00	7,001.00	7,033.00	7,033.00	342.28	141.08	90.00	-5,657.36	-9,397.21	4,257.29	4,034.57	222.71	19.116		
21,000.00	7,001.00	7,033.00	7,033.00	344.79	141.08	90.00	-5,657.36	-9,397.21	4,351.00	4,128.25	222.75	19.533		
21,100.00	7,001.00	7,033.00	7,033.00	347.31	141.08	90.00	-5,657.36	-9,397.21	4,444.99	4,222.17	222.82	19.949		
21,200.00	7,001.00	7,033.00	7,033.00	349.83	141.08	90.00	-5,657.36	-9,397.21	4,539.24	4,316.32	222.93	20.362		
21,300.00	7,001.00	7,033.00	7,033.00	352.35	141.08	90.00	-5,657.36	-9,397.21	4,633.73	4,410.67	223.06	20.774		
21,369.95	7,001.00	7,033.00	7,033.00	354.12	141.08	90.00	-5,657.36	-9,397.21	4,699.97	4,476.80	223.16	21.061		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
1,900.00	1,783.88	1,756.88	1,756.88	11.62	6.10	29.78	-6,980.33	-7,860.07	10,013.14	9,998.83	14.30	699.996		
2,000.00	1,863.74	1,836.74	1,836.74	12.69	6.39	30.60	-6,980.33	-7,860.07	9,958.56	9,943.38	15.18	656.246		
2,100.00	1,941.45	1,914.45	1,914.45	13.81	6.67	31.49	-6,980.33	-7,860.07	9,901.55	9,885.50	16.06	616.696		
2,200.00	2,016.92	1,989.92	1,989.92	14.98	6.94	32.46	-6,980.33	-7,860.07	9,842.20	9,825.26	16.95	580.776		
2,300.00	2,090.05	2,063.05	2,063.05	16.19	7.20	33.51	-6,980.33	-7,860.07	9,780.59	9,762.74	17.85	548.015		
2,400.00	2,160.76	2,133.76	2,133.76	17.45	7.45	34.65	-6,980.33	-7,860.07	9,716.80	9,698.05	18.76	518.020		
2,500.00	2,228.95	2,201.95	2,201.95	18.76	7.70	35.89	-6,980.33	-7,860.07	9,650.93	9,631.25	19.68	490.461		
2,600.00	2,294.55	2,267.55	2,267.55	20.11	7.93	37.23	-6,980.33	-7,860.07	9,583.06	9,562.46	20.61	465.057		
2,700.00	2,357.48	2,330.48	2,330.48	21.50	8.16	38.68	-6,980.33	-7,860.07	9,513.30	9,491.75	21.54	441.570		
2,800.00	2,417.66	2,390.66	2,390.66	22.94	8.37	40.25	-6,980.33	-7,860.07	9,441.74	9,419.24	22.49	419.795		
2,900.00	2,475.05	2,448.05	2,448.05	24.41	8.58	41.72	-6,980.33	-7,860.07	9,368.49	9,345.04	23.45	399.533		
3,000.00	2,531.40	2,504.40	2,504.40	25.89	8.78	42.00	-6,980.33	-7,860.07	9,294.75	9,270.34	24.41	380.712		
3,100.00	2,587.75	2,560.75	2,560.75	27.39	8.98	42.29	-6,980.33	-7,860.07	9,221.16	9,195.76	25.40	363.092		
3,200.00	2,644.11	2,617.11	2,617.11	28.89	9.18	42.58	-6,980.33	-7,860.07	9,147.72	9,121.33	26.39	346.578		
3,300.00	2,700.46	2,673.46	2,673.46	30.39	9.39	42.87	-6,980.33	-7,860.07	9,074.44	9,047.03	27.41	331.083		
3,400.00	2,756.81	2,729.81	2,729.81	31.89	9.59	43.16	-6,980.33	-7,860.07	9,001.32	8,972.89	28.44	316.529		
3,500.00	2,813.17	2,786.17	2,786.17	33.40	9.79	43.46	-6,980.33	-7,860.07	8,928.37	8,898.89	29.48	302.840		
3,600.00	2,869.52	2,842.52	2,842.52	34.91	9.99	43.76	-6,980.33	-7,860.07	8,855.59	8,825.05	30.54	289.951		
3,700.00	2,925.87	2,898.87	2,898.87	36.42	10.19	44.07	-6,980.33	-7,860.07	8,782.98	8,751.36	31.62	277.801		
3,800.00	2,982.22	2,955.22	2,955.22	37.93	10.40	44.38	-6,980.33	-7,860.07	8,710.55	8,677.84	32.71	266.333		
3,900.00	3,038.58	3,011.58	3,011.58	39.45	10.60	44.69	-6,980.33	-7,860.07	8,638.30	8,604.49	33.81	255.498		
4,000.00	3,094.93	3,067.93	3,067.93	40.96	10.80	45.01	-6,980.33	-7,860.07	8,566.24	8,531.31	34.93	245.248		
4,100.00	3,151.28	3,124.28	3,124.28	42.48	11.00	45.32	-6,980.33	-7,860.07	8,494.37	8,458.31	36.06	235.542		
4,200.00	3,207.63	3,180.63	3,180.63	44.00	11.20	45.65	-6,980.33	-7,860.07	8,422.70	8,385.48	37.21	226.341		
4,300.00	3,263.99	3,236.99	3,236.99	45.52	11.41	45.97	-6,980.33	-7,860.07	8,351.23	8,312.85	38.38	217.610		
4,400.00	3,320.34	3,293.34	3,293.34	47.04	11.61	46.30	-6,980.33	-7,860.07	8,279.97	8,240.41	39.56	209.316		
4,500.00	3,376.69	3,349.69	3,349.69	48.56	11.81	46.64	-6,980.33	-7,860.07	8,208.92	8,168.16	40.75	201.431		
4,600.00	3,433.05	3,406.05	3,406.05	50.08	12.01	46.97	-6,980.33	-7,860.07	8,138.08	8,096.12	41.96	193.928		
4,700.00	3,489.40	3,462.40	3,462.40	51.61	12.21	47.31	-6,980.33	-7,860.07	8,067.48	8,024.28	43.19	186.781		
4,800.00	3,545.75	3,518.75	3,518.75	53.13	12.42	47.66	-6,980.33	-7,860.07	7,997.10	7,952.66	44.44	179.969		
4,900.00	3,602.10	3,575.10	3,575.10	54.65	12.62	48.01	-6,980.33	-7,860.07	7,926.96	7,881.26	45.70	173.470		
5,000.00	3,658.46	3,631.46	3,631.46	56.18	12.82	48.36	-6,980.33	-7,860.07	7,857.06	7,810.08	46.97	167.265		
5,100.00	3,714.81	3,687.81	3,687.81	57.70	13.02	48.71	-6,980.33	-7,860.07	7,787.41	7,739.14	48.27	161.337		
5,200.00	3,771.16	3,744.16	3,744.16	59.23	13.22	49.07	-6,980.33	-7,860.07	7,718.01	7,668.43	49.58	155.669		
5,300.00	3,827.51	3,800.51	3,800.51	60.75	13.43	49.44	-6,980.33	-7,860.07	7,648.88	7,597.97	50.91	150.246		
5,400.00	3,883.87	3,856.87	3,856.87	62.28	13.63	49.81	-6,980.33	-7,860.07	7,580.02	7,527.76	52.26	145.055		
5,500.00	3,940.22	3,913.22	3,913.22	63.80	13.83	50.18	-6,980.33	-7,860.07	7,511.44	7,457.81	53.62	140.081		
5,600.00	3,996.57	3,969.57	3,969.57	65.33	14.03	50.56	-6,980.33	-7,860.07	7,443.14	7,388.13	55.01	135.314		
5,700.00	4,052.93	4,025.93	4,025.93	66.86	14.23	50.94	-6,980.33	-7,860.07	7,375.13	7,318.72	56.41	130.743		
5,800.00	4,109.28	4,082.28	4,082.28	68.39	14.44	51.32	-6,980.33	-7,860.07	7,307.42	7,249.59	57.83	126.356		
5,900.00	4,165.63	4,138.63	4,138.63	69.91	14.64	51.71	-6,980.33	-7,860.07	7,240.03	7,180.75	59.27	122.144		
6,000.00	4,221.98	4,194.98	4,194.98	71.44	14.84	52.10	-6,980.33	-7,860.07	7,172.95	7,112.21	60.74	118.099		
6,100.00	4,278.34	4,251.34	4,251.34	72.97	15.04	52.50	-6,980.33	-7,860.07	7,106.20	7,043.98	62.22	114.212		
6,200.00	4,334.69	4,307.69	4,307.69	74.50	15.24	52.90	-6,980.33	-7,860.07	7,039.78	6,976.06	63.72	110.476		
6,300.00	4,391.04	4,364.04	4,364.04	76.03	15.45	53.30	-6,980.33	-7,860.07	6,973.71	6,908.47	65.25	106.882		
6,400.00	4,447.40	4,420.40	4,420.40	77.55	15.65	53.71	-6,980.33	-7,860.07	6,908.00	6,841.21	66.79	103.424		
6,500.00	4,503.75	4,476.75	4,476.75	79.08	15.85	54.13	-6,980.33	-7,860.07	6,842.65	6,774.29	68.36	100.097		
6,600.00	4,560.10	4,533.10	4,533.10	80.61	16.05	54.55	-6,980.33	-7,860.07	6,777.68	6,707.73	69.95	96.893		
6,700.00	4,616.45	4,589.45	4,589.45	82.14	16.25	54.97	-6,980.33	-7,860.07	6,713.10	6,641.54	71.56	93.807		
6,800.00	4,672.81	4,645.81	4,645.81	83.67	16.46	55.40	-6,980.33	-7,860.07	6,648.92	6,575.72	73.20	90.835		
6,900.00	4,729.16	4,702.16	4,702.16	85.20	16.66	55.83	-6,980.33	-7,860.07	6,585.15	6,510.29	74.86	87.970		
7,000.00	4,785.51	4,758.51	4,758.51	86.73	16.86	56.27	-6,980.33	-7,860.07	6,521.80	6,445.26	76.54	85.209		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,100.00	4,841.86	4,814.86	4,814.86	88.26	17.06	56.71	-6,980.33	-7,860.07	6,458.88	6,380.64	78.24	82.547		
7,200.00	4,898.22	4,871.22	4,871.22	89.79	17.26	57.15	-6,980.33	-7,860.07	6,396.42	6,316.44	79.97	79.980		
7,300.00	4,954.57	4,927.57	4,927.57	91.32	17.47	57.60	-6,980.33	-7,860.07	6,334.41	6,252.69	81.73	77.504		
7,400.00	5,010.92	4,983.92	4,983.92	92.85	17.67	58.06	-6,980.33	-7,860.07	6,272.89	6,189.38	83.51	75.116		
7,500.00	5,067.28	5,040.28	5,040.28	94.38	17.87	58.52	-6,980.33	-7,860.07	6,211.85	6,126.53	85.31	72.811		
7,600.00	5,123.63	5,096.63	5,096.63	95.91	18.07	58.98	-6,980.33	-7,860.07	6,151.31	6,064.17	87.14	70.588		
7,700.00	5,179.98	5,152.98	5,152.98	97.44	18.27	59.45	-6,980.33	-7,860.07	6,091.29	6,002.29	89.00	68.441		
7,800.00	5,236.33	5,209.33	5,209.33	98.97	18.48	59.92	-6,980.33	-7,860.07	6,031.81	5,940.93	90.88	66.370		
7,900.00	5,292.69	5,265.69	5,265.69	100.50	18.68	60.40	-6,980.33	-7,860.07	5,972.88	5,880.09	92.79	64.370		
8,000.00	5,349.04	5,322.04	5,322.04	102.03	18.88	60.88	-6,980.33	-7,860.07	5,914.51	5,819.79	94.72	62.440		
8,100.00	5,405.39	5,378.39	5,378.39	103.56	19.08	61.36	-6,980.33	-7,860.07	5,856.73	5,760.04	96.68	60.576		
8,200.00	5,461.74	5,434.74	5,434.74	105.09	19.28	61.86	-6,980.33	-7,860.07	5,799.54	5,700.87	98.67	58.777		
8,300.00	5,518.10	5,491.10	5,491.10	106.62	19.49	62.35	-6,980.33	-7,860.07	5,742.98	5,642.30	100.68	57.040		
8,400.00	5,574.45	5,547.45	5,547.45	108.15	19.69	62.85	-6,980.33	-7,860.07	5,687.06	5,584.33	102.72	55.363		
8,500.00	5,630.80	5,603.80	5,603.80	109.68	19.89	63.35	-6,980.33	-7,860.07	5,631.79	5,527.00	104.79	53.744		
8,600.00	5,687.16	5,660.16	5,660.16	111.21	20.09	63.86	-6,980.33	-7,860.07	5,577.19	5,470.31	106.88	52.181		
8,700.00	5,743.51	5,716.51	5,716.51	112.75	20.29	64.38	-6,980.33	-7,860.07	5,523.30	5,414.30	109.00	50.672		
8,800.00	5,799.86	5,772.86	5,772.86	114.28	20.50	64.89	-6,980.33	-7,860.07	5,470.12	5,358.97	111.15	49.216		
8,900.00	5,856.21	5,829.21	5,829.21	115.81	20.70	65.42	-6,980.33	-7,860.07	5,417.67	5,304.36	113.32	47.810		
9,000.00	5,912.57	5,885.57	5,885.57	117.34	20.90	65.94	-6,980.33	-7,860.07	5,365.99	5,250.48	115.51	46.454		
9,100.00	5,968.92	5,941.92	5,941.92	118.87	21.10	66.47	-6,980.33	-7,860.07	5,315.09	5,197.35	117.73	45.145		
9,200.00	6,025.27	5,998.27	5,998.27	120.40	21.30	67.01	-6,980.33	-7,860.07	5,264.99	5,145.01	119.98	43.883		
9,300.00	6,081.63	6,054.63	6,054.63	121.93	21.51	67.55	-6,980.33	-7,860.07	5,215.72	5,093.47	122.25	42.665		
9,400.00	6,137.98	6,110.98	6,110.98	123.46	21.71	68.09	-6,980.33	-7,860.07	5,167.30	5,042.76	124.54	41.491		
9,500.00	6,194.33	6,167.33	6,167.33	125.00	21.91	68.64	-6,980.33	-7,860.07	5,119.75	4,992.90	126.85	40.360		
9,600.00	6,250.68	6,223.68	6,223.68	126.53	22.11	69.19	-6,980.33	-7,860.07	5,073.11	4,943.92	129.19	39.269		
9,700.00	6,307.04	6,280.04	6,280.04	128.06	22.31	69.75	-6,980.33	-7,860.07	5,027.39	4,895.84	131.55	38.218		
9,800.00	6,363.39	6,336.39	6,336.39	129.59	22.52	70.31	-6,980.33	-7,860.07	4,982.62	4,848.70	133.92	37.205		
9,900.00	6,419.74	6,392.74	6,392.74	131.12	22.72	70.87	-6,980.33	-7,860.07	4,938.83	4,802.51	136.32	36.231		
10,000.00	6,476.09	6,449.09	6,449.09	132.65	22.92	71.44	-6,980.33	-7,860.07	4,896.03	4,757.31	138.73	35.293		
10,100.00	6,532.45	6,505.45	6,505.45	134.18	23.12	72.01	-6,980.33	-7,860.07	4,854.27	4,713.12	141.15	34.390		
10,200.00	6,588.80	6,561.80	6,561.80	135.72	23.33	72.59	-6,980.33	-7,860.07	4,813.56	4,669.97	143.59	33.522		
10,300.00	6,645.15	6,618.15	6,618.15	137.25	23.53	73.17	-6,980.33	-7,860.07	4,773.94	4,627.89	146.04	32.688		
10,400.00	6,701.51	6,674.51	6,674.51	138.78	23.73	73.75	-6,980.33	-7,860.07	4,735.42	4,586.92	148.51	31.887		
10,500.00	6,757.86	6,730.86	6,730.86	140.31	23.93	74.34	-6,980.33	-7,860.07	4,698.04	4,547.07	150.98	31.117		
10,600.00	6,813.28	6,786.28	6,786.28	141.87	24.13	70.58	-6,980.33	-7,860.07	4,658.10	4,504.67	153.43	30.360		
10,700.00	6,869.63	6,842.63	6,842.63	143.49	24.31	65.66	-6,980.33	-7,860.07	4,604.63	4,448.89	155.74	29.566		
10,800.00	6,908.67	6,881.67	6,881.67	145.14	24.47	61.85	-6,980.33	-7,860.07	4,538.14	4,380.30	157.84	28.752		
10,900.00	6,945.58	6,918.58	6,918.58	146.73	24.60	59.27	-6,980.33	-7,860.07	4,460.33	4,300.69	159.64	27.940		
11,000.00	6,973.71	6,946.71	6,946.71	148.22	24.70	58.09	-6,980.33	-7,860.07	4,373.23	4,212.15	161.08	27.149		
11,100.00	6,992.22	6,965.22	6,965.22	149.55	24.77	59.12	-6,980.33	-7,860.07	4,279.19	4,117.08	162.11	26.397		
11,200.00	7,000.54	6,973.54	6,973.54	150.69	24.80	69.84	-6,980.33	-7,860.07	4,180.83	4,018.16	162.67	25.702		
11,300.00	7,001.00	6,974.00	6,974.00	151.65	24.80	90.00	-6,980.33	-7,860.07	4,080.96	3,918.11	162.85	25.060		
11,400.00	7,001.00	6,974.00	6,974.00	152.64	24.80	90.00	-6,980.33	-7,860.07	3,981.06	3,818.05	163.01	24.422		
11,500.00	7,001.00	6,974.00	6,974.00	153.65	24.80	90.00	-6,980.33	-7,860.07	3,881.17	3,717.98	163.18	23.784		
11,600.00	7,001.00	6,974.00	6,974.00	154.69	24.80	90.00	-6,980.33	-7,860.07	3,781.28	3,617.92	163.36	23.146		
11,700.00	7,001.00	6,974.00	6,974.00	155.76	24.80	90.00	-6,980.33	-7,860.07	3,681.40	3,517.84	163.55	22.509		
11,800.00	7,001.00	6,974.00	6,974.00	156.85	24.80	90.00	-6,980.33	-7,860.07	3,581.52	3,417.77	163.76	21.871		
11,900.00	7,001.00	6,974.00	6,974.00	157.98	24.80	90.00	-6,980.33	-7,860.07	3,481.65	3,317.69	163.97	21.234		
12,000.00	7,001.00	6,974.00	6,974.00	159.14	24.80	90.00	-6,980.33	-7,860.07	3,381.79	3,217.60	164.19	20.597		
12,100.00	7,001.00	6,974.00	6,974.00	160.32	24.80	90.00	-6,980.33	-7,860.07	3,281.94	3,117.51	164.43	19.960		
12,200.00	7,001.00	6,974.00	6,974.00	161.54	24.80	90.00	-6,980.33	-7,860.07	3,182.10	3,017.42	164.68	19.323		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,300.00	7,001.00	6,974.00	6,974.00	162.78	24.80	90.00	-6,980.33	-7,860.07	3,082.26	2,917.32	164.94	18.687		
12,400.00	7,001.00	6,974.00	6,974.00	164.06	24.80	90.00	-6,980.33	-7,860.07	2,982.44	2,817.22	165.23	18.051		
12,500.00	7,001.00	6,974.00	6,974.00	165.36	24.80	90.00	-6,980.33	-7,860.07	2,882.63	2,717.10	165.53	17.415		
12,600.00	7,001.00	6,974.00	6,974.00	166.69	24.80	90.00	-6,980.33	-7,860.07	2,782.84	2,616.98	165.85	16.779		
12,700.00	7,001.00	6,974.00	6,974.00	168.05	24.80	90.00	-6,980.33	-7,860.07	2,683.06	2,516.86	166.20	16.144		
12,800.00	7,001.00	6,974.00	6,974.00	169.44	24.80	90.00	-6,980.33	-7,860.07	2,583.29	2,416.72	166.57	15.509		
12,900.00	7,001.00	6,974.00	6,974.00	170.86	24.80	90.00	-6,980.33	-7,860.07	2,483.55	2,316.58	166.97	14.874		
13,000.00	7,001.00	6,974.00	6,974.00	172.30	24.80	90.00	-6,980.33	-7,860.07	2,383.83	2,216.42	167.41	14.240		
13,100.00	7,001.00	6,974.00	6,974.00	173.78	24.80	90.00	-6,980.33	-7,860.07	2,284.13	2,116.25	167.88	13.606		
13,200.00	7,001.00	6,974.00	6,974.00	175.28	24.80	90.00	-6,980.33	-7,860.07	2,184.46	2,016.07	168.39	12.973		
13,300.00	7,001.00	6,974.00	6,974.00	176.80	24.80	90.00	-6,980.33	-7,860.07	2,084.82	1,915.88	168.94	12.340		
13,400.00	7,001.00	6,974.00	6,974.00	178.36	24.80	90.00	-6,980.33	-7,860.07	1,985.21	1,815.66	169.55	11.708		
13,500.00	7,001.00	6,974.00	6,974.00	179.94	24.80	90.00	-6,980.33	-7,860.07	1,885.65	1,715.43	170.23	11.077		
13,600.00	7,001.00	6,974.00	6,974.00	181.55	24.80	90.00	-6,980.33	-7,860.07	1,786.14	1,615.17	170.97	10.447		
13,700.00	7,001.00	6,974.00	6,974.00	183.18	24.80	90.00	-6,980.33	-7,860.07	1,686.69	1,514.89	171.80	9.818		
13,800.00	7,001.00	6,974.00	6,974.00	184.84	24.80	90.00	-6,980.33	-7,860.07	1,587.30	1,414.58	172.72	9.190		
13,900.00	7,001.00	6,974.00	6,974.00	186.52	24.80	90.00	-6,980.33	-7,860.07	1,488.00	1,314.23	173.77	8.563		
14,000.00	7,001.00	6,974.00	6,974.00	188.23	24.80	90.00	-6,980.33	-7,860.07	1,388.79	1,213.84	174.95	7.938		
14,100.00	7,001.00	6,974.00	6,974.00	189.97	24.80	90.00	-6,980.33	-7,860.07	1,289.71	1,113.40	176.31	7.315		
14,200.00	7,001.00	6,974.00	6,974.00	191.72	24.80	90.00	-6,980.33	-7,860.07	1,190.78	1,012.91	177.88	6.694		
14,300.00	7,001.00	6,974.00	6,974.00	193.50	24.80	90.00	-6,980.33	-7,860.07	1,092.05	912.34	179.71	6.077		
14,400.00	7,001.00	6,974.00	6,974.00	195.30	24.80	90.00	-6,980.33	-7,860.07	993.57	811.69	181.88	5.463		
14,500.00	7,001.00	6,974.00	6,974.00	197.13	24.80	90.00	-6,980.33	-7,860.07	895.43	710.95	184.48	4.854		
14,600.00	7,001.00	6,974.00	6,974.00	198.98	24.80	90.00	-6,980.33	-7,860.07	797.75	610.10	187.65	4.251		
14,700.00	7,001.00	6,974.00	6,974.00	200.85	24.80	90.00	-6,980.33	-7,860.07	700.73	509.14	191.59	3.657		
14,800.00	7,001.00	6,974.00	6,974.00	202.73	24.80	90.00	-6,980.33	-7,860.07	604.67	408.10	196.58	3.076		
14,900.00	7,001.00	6,974.00	6,974.00	204.64	24.80	90.00	-6,980.33	-7,860.07	510.14	307.11	203.03	2.513		
15,000.00	7,001.00	6,974.00	6,974.00	206.57	24.80	90.00	-6,980.33	-7,860.07	418.15	206.68	211.48	1.977		
15,100.00	7,001.00	6,974.00	6,974.00	208.52	24.80	90.00	-6,980.33	-7,860.07	330.85	108.59	222.27	1.489 Level 3		
15,200.00	7,001.00	6,974.00	6,974.00	210.49	24.80	90.00	-6,980.33	-7,860.07	253.13	19.57	233.56	1.084 Level 2		
15,300.00	7,001.00	6,974.00	6,974.00	212.48	24.80	90.00	-6,980.33	-7,860.07	196.69	-35.59	232.28	0.847 Level 1, ES, SF		
15,376.94	7,001.00	6,974.00	6,974.00	214.02	24.80	90.00	-6,980.33	-7,860.07	181.01	-21.60	202.61	0.893 Level 1, CC		
15,400.00	7,001.00	6,974.00	6,974.00	214.48	24.80	90.00	-6,980.33	-7,860.07	182.48	-5.59	188.07	0.970 Level 1		
15,500.00	7,001.00	6,974.00	6,974.00	216.51	24.80	90.00	-6,980.33	-7,860.07	218.88	96.16	122.72	1.784		
15,600.00	7,001.00	6,974.00	6,974.00	218.55	24.80	90.00	-6,980.33	-7,860.07	287.26	194.52	92.74	3.097		
15,700.00	7,001.00	6,974.00	6,974.00	220.60	24.80	90.00	-6,980.33	-7,860.07	370.31	276.53	93.78	3.949		
15,800.00	7,001.00	6,974.00	6,974.00	222.68	24.80	90.00	-6,980.33	-7,860.07	460.15	357.78	102.38	4.495		
15,900.00	7,001.00	6,974.00	6,974.00	224.76	24.80	90.00	-6,980.33	-7,860.07	553.49	443.06	110.44	5.012		
16,000.00	7,001.00	6,974.00	6,974.00	226.87	24.80	90.00	-6,980.33	-7,860.07	648.82	531.93	116.89	5.551		
16,100.00	7,001.00	6,974.00	6,974.00	228.99	24.80	90.00	-6,980.33	-7,860.07	745.37	623.42	121.95	6.112		
16,200.00	7,001.00	6,974.00	6,974.00	231.12	24.80	90.00	-6,980.33	-7,860.07	842.73	716.75	125.97	6.690		
16,300.00	7,001.00	6,974.00	6,974.00	233.27	24.80	90.00	-6,980.33	-7,860.07	940.64	811.42	129.21	7.280		
16,400.00	7,001.00	6,974.00	6,974.00	235.43	24.80	90.00	-6,980.33	-7,860.07	1,038.95	907.07	131.87	7.878		
16,500.00	7,001.00	6,974.00	6,974.00	237.61	24.80	90.00	-6,980.33	-7,860.07	1,137.55	1,003.46	134.09	8.484		
16,600.00	7,001.00	6,974.00	6,974.00	239.79	24.80	90.00	-6,980.33	-7,860.07	1,236.38	1,100.42	135.96	9.094		
16,700.00	7,001.00	6,974.00	6,974.00	242.00	24.80	90.00	-6,980.33	-7,860.07	1,335.38	1,197.82	137.56	9.707		
16,800.00	7,001.00	6,974.00	6,974.00	244.21	24.80	90.00	-6,980.33	-7,860.07	1,434.52	1,295.57	138.95	10.324		
16,900.00	7,001.00	6,974.00	6,974.00	246.43	24.80	90.00	-6,980.33	-7,860.07	1,533.77	1,393.61	140.16	10.943		
17,000.00	7,001.00	6,974.00	6,974.00	248.67	24.80	90.00	-6,980.33	-7,860.07	1,633.12	1,491.89	141.23	11.564		
17,100.00	7,001.00	6,974.00	6,974.00	250.92	24.80	90.00	-6,980.33	-7,860.07	1,732.54	1,590.36	142.17	12.186		
17,200.00	7,001.00	6,974.00	6,974.00	253.18	24.80	90.00	-6,980.33	-7,860.07	1,832.02	1,689.00	143.02	12.809		
17,300.00	7,001.00	6,974.00	6,974.00	255.45	24.80	90.00	-6,980.33	-7,860.07	1,931.56	1,787.77	143.78	13.434		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 3-T6N-R67W - ABND VERT MOSIER 1-2 - Wellbore #1 - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,400.00	7,001.00	6,974.00	6,974.00	257.73	24.80	90.00	-6,980.33	-7,860.07	2,031.14	1,886.67	144.47	14.059	
17,500.00	7,001.00	6,974.00	6,974.00	260.02	24.80	90.00	-6,980.33	-7,860.07	2,130.76	1,985.66	145.10	14.685	
17,600.00	7,001.00	6,974.00	6,974.00	262.32	24.80	90.00	-6,980.33	-7,860.07	2,230.41	2,084.74	145.67	15.312	
17,700.00	7,001.00	6,974.00	6,974.00	264.63	24.80	90.00	-6,980.33	-7,860.07	2,330.10	2,183.90	146.19	15.939	
17,800.00	7,001.00	6,974.00	6,974.00	266.95	24.80	90.00	-6,980.33	-7,860.07	2,429.81	2,283.13	146.68	16.566	
17,900.00	7,001.00	6,974.00	6,974.00	269.28	24.80	90.00	-6,980.33	-7,860.07	2,529.54	2,382.42	147.12	17.194	
18,000.00	7,001.00	6,974.00	6,974.00	271.61	24.80	90.00	-6,980.33	-7,860.07	2,629.29	2,481.76	147.54	17.821	
18,100.00	7,001.00	6,974.00	6,974.00	273.96	24.80	90.00	-6,980.33	-7,860.07	2,729.06	2,581.14	147.92	18.449	
18,200.00	7,001.00	6,974.00	6,974.00	276.31	24.80	90.00	-6,980.33	-7,860.07	2,828.85	2,680.57	148.28	19.078	
18,300.00	7,001.00	6,974.00	6,974.00	278.67	24.80	90.00	-6,980.33	-7,860.07	2,928.65	2,780.04	148.62	19.706	
18,400.00	7,001.00	6,974.00	6,974.00	281.04	24.80	90.00	-6,980.33	-7,860.07	3,028.47	2,879.54	148.93	20.334	
18,500.00	7,001.00	6,974.00	6,974.00	283.42	24.80	90.00	-6,980.33	-7,860.07	3,128.30	2,979.07	149.23	20.963	
18,600.00	7,001.00	6,974.00	6,974.00	285.80	24.80	90.00	-6,980.33	-7,860.07	3,228.13	3,078.62	149.51	21.591	
18,700.00	7,001.00	6,974.00	6,974.00	288.19	24.80	90.00	-6,980.33	-7,860.07	3,327.98	3,178.21	149.77	22.220	
18,800.00	7,001.00	6,974.00	6,974.00	290.59	24.80	90.00	-6,980.33	-7,860.07	3,427.84	3,277.81	150.03	22.848	
18,900.00	7,001.00	6,974.00	6,974.00	293.00	24.80	90.00	-6,980.33	-7,860.07	3,527.70	3,377.44	150.26	23.477	
19,000.00	7,001.00	6,974.00	6,974.00	295.41	24.80	90.00	-6,980.33	-7,860.07	3,627.57	3,477.09	150.49	24.105	
19,100.00	7,001.00	6,974.00	6,974.00	297.83	24.80	90.00	-6,980.33	-7,860.07	3,727.45	3,576.75	150.70	24.734	
19,200.00	7,001.00	6,974.00	6,974.00	300.25	24.80	90.00	-6,980.33	-7,860.07	3,827.34	3,676.43	150.91	25.362	
19,300.00	7,001.00	6,974.00	6,974.00	302.68	24.80	90.00	-6,980.33	-7,860.07	3,927.23	3,776.12	151.10	25.990	
19,400.00	7,001.00	6,974.00	6,974.00	305.12	24.80	90.00	-6,980.33	-7,860.07	4,027.13	3,875.83	151.29	26.618	
19,500.00	7,001.00	6,974.00	6,974.00	307.56	24.80	90.00	-6,980.33	-7,860.07	4,127.03	3,975.56	151.47	27.246	
19,600.00	7,001.00	6,974.00	6,974.00	310.01	24.80	90.00	-6,980.33	-7,860.07	4,226.93	4,075.29	151.64	27.874	
19,700.00	7,001.00	6,974.00	6,974.00	312.46	24.80	90.00	-6,980.33	-7,860.07	4,326.84	4,175.03	151.81	28.502	
19,800.00	7,001.00	6,974.00	6,974.00	314.92	24.80	90.00	-6,980.33	-7,860.07	4,426.76	4,274.79	151.97	29.130	
19,900.00	7,001.00	6,974.00	6,974.00	317.39	24.80	90.00	-6,980.33	-7,860.07	4,526.68	4,374.56	152.12	29.757	
20,000.00	7,001.00	6,974.00	6,974.00	319.85	24.80	90.00	-6,980.33	-7,860.07	4,626.60	4,474.33	152.27	30.385	
20,100.00	7,001.00	6,974.00	6,974.00	322.33	24.80	90.00	-6,980.33	-7,860.07	4,726.52	4,574.11	152.41	31.012	
20,200.00	7,001.00	6,974.00	6,974.00	324.81	24.80	90.00	-6,980.33	-7,860.07	4,826.45	4,673.90	152.55	31.639	
20,300.00	7,001.00	6,974.00	6,974.00	327.29	24.80	90.00	-6,980.33	-7,860.07	4,926.38	4,773.70	152.68	32.266	
20,400.00	7,001.00	6,974.00	6,974.00	329.78	24.80	90.00	-6,980.33	-7,860.07	5,026.32	4,873.50	152.81	32.892	
20,500.00	7,001.00	6,974.00	6,974.00	332.27	24.80	90.00	-6,980.33	-7,860.07	5,126.25	4,973.32	152.94	33.519	
20,600.00	7,001.00	6,974.00	6,974.00	334.77	24.80	90.00	-6,980.33	-7,860.07	5,226.19	5,073.13	153.06	34.145	
20,700.00	7,001.00	6,974.00	6,974.00	337.27	24.80	90.00	-6,980.33	-7,860.07	5,326.13	5,172.96	153.18	34.771	
20,800.00	7,001.00	6,974.00	6,974.00	339.77	24.80	90.00	-6,980.33	-7,860.07	5,426.08	5,272.79	153.29	35.397	
20,900.00	7,001.00	6,974.00	6,974.00	342.28	24.80	90.00	-6,980.33	-7,860.07	5,526.02	5,372.62	153.40	36.023	
21,000.00	7,001.00	6,974.00	6,974.00	344.79	24.80	90.00	-6,980.33	-7,860.07	5,625.97	5,472.46	153.51	36.649	
21,100.00	7,001.00	6,974.00	6,974.00	347.31	24.80	90.00	-6,980.33	-7,860.07	5,725.92	5,572.30	153.62	37.274	
21,200.00	7,001.00	6,974.00	6,974.00	349.83	24.80	90.00	-6,980.33	-7,860.07	5,825.87	5,672.15	153.72	37.899	
21,300.00	7,001.00	6,974.00	6,974.00	352.35	24.80	90.00	-6,980.33	-7,860.07	5,925.82	5,772.00	153.82	38.524	
21,369.95	7,001.00	6,974.00	6,974.00	354.12	24.80	90.00	-6,980.33	-7,860.07	5,995.74	5,841.85	153.89	38.961	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,600.00	4,560.10	4,570.10	4,570.10	80.61	16.18	68.69	-5,649.07	-11,735.52	10,072.67	9,988.58	84.08	119.795		
6,700.00	4,616.45	4,626.45	4,626.45	82.14	16.38	68.97	-5,649.07	-11,735.52	10,025.88	9,940.04	85.84	116.798		
6,800.00	4,672.81	4,682.81	4,682.81	83.67	16.59	69.25	-5,649.07	-11,735.52	9,979.57	9,891.96	87.61	113.912		
6,900.00	4,729.16	4,739.16	4,739.16	85.20	16.79	69.54	-5,649.07	-11,735.52	9,933.72	9,844.33	89.39	111.132		
7,000.00	4,785.51	4,795.51	4,795.51	86.73	16.99	69.82	-5,649.07	-11,735.52	9,888.35	9,797.18	91.18	108.452		
7,100.00	4,841.86	4,851.86	4,851.86	88.26	17.19	70.10	-5,649.07	-11,735.52	9,843.47	9,750.49	92.98	105.869		
7,200.00	4,898.22	4,908.22	4,908.22	89.79	17.39	70.39	-5,649.07	-11,735.52	9,799.07	9,704.29	94.79	103.378		
7,300.00	4,954.57	4,964.57	4,964.57	91.32	17.60	70.68	-5,649.07	-11,735.52	9,755.18	9,658.57	96.61	100.975		
7,400.00	5,010.92	5,020.92	5,020.92	92.85	17.80	70.96	-5,649.07	-11,735.52	9,711.79	9,613.34	98.44	98.656		
7,500.00	5,067.28	5,077.28	5,077.28	94.38	18.00	71.25	-5,649.07	-11,735.52	9,668.90	9,568.62	100.28	96.416		
7,600.00	5,123.63	5,133.63	5,133.63	95.91	18.20	71.54	-5,649.07	-11,735.52	9,626.54	9,524.41	102.13	94.254		
7,700.00	5,179.98	5,189.98	5,189.98	97.44	18.40	71.83	-5,649.07	-11,735.52	9,584.70	9,480.71	104.00	92.164		
7,800.00	5,236.33	5,246.33	5,246.33	98.97	18.61	72.12	-5,649.07	-11,735.52	9,543.40	9,437.53	105.87	90.146		
7,900.00	5,292.69	5,302.69	5,302.69	100.50	18.81	72.41	-5,649.07	-11,735.52	9,502.63	9,394.88	107.75	88.195		
8,000.00	5,349.04	5,359.04	5,359.04	102.03	19.01	72.71	-5,649.07	-11,735.52	9,462.41	9,352.77	109.64	86.308		
8,100.00	5,405.39	5,415.39	5,415.39	103.56	19.21	73.00	-5,649.07	-11,735.52	9,422.74	9,311.20	111.53	84.484		
8,200.00	5,461.74	5,471.74	5,471.74	105.09	19.41	73.30	-5,649.07	-11,735.52	9,383.63	9,270.19	113.44	82.719		
8,300.00	5,518.10	5,528.10	5,528.10	106.62	19.62	73.59	-5,649.07	-11,735.52	9,345.08	9,229.73	115.35	81.012		
8,400.00	5,574.45	5,584.45	5,584.45	108.15	19.82	73.89	-5,649.07	-11,735.52	9,307.11	9,189.84	117.28	79.360		
8,500.00	5,630.80	5,640.80	5,640.80	109.68	20.02	74.19	-5,649.07	-11,735.52	9,269.73	9,150.52	119.21	77.761		
8,600.00	5,687.16	5,697.16	5,697.16	111.21	20.22	74.49	-5,649.07	-11,735.52	9,232.92	9,111.78	121.15	76.213		
8,700.00	5,743.51	5,753.51	5,753.51	112.75	20.42	74.78	-5,649.07	-11,735.52	9,196.72	9,073.63	123.09	74.714		
8,800.00	5,799.86	5,809.86	5,809.86	114.28	20.63	75.09	-5,649.07	-11,735.52	9,161.11	9,036.07	125.04	73.263		
8,900.00	5,856.21	5,866.21	5,866.21	115.81	20.83	75.39	-5,649.07	-11,735.52	9,126.12	8,999.11	127.00	71.857		
9,000.00	5,912.57	5,922.57	5,922.57	117.34	21.03	75.69	-5,649.07	-11,735.52	9,091.74	8,962.77	128.97	70.496		
9,100.00	5,968.92	5,978.92	5,978.92	118.87	21.23	75.99	-5,649.07	-11,735.52	9,057.98	8,927.04	130.94	69.177		
9,200.00	6,025.27	6,035.27	6,035.27	120.40	21.43	76.29	-5,649.07	-11,735.52	9,024.85	8,891.94	132.92	67.899		
9,300.00	6,081.63	6,091.63	6,091.63	121.93	21.64	76.60	-5,649.07	-11,735.52	8,992.36	8,857.46	134.90	66.660		
9,400.00	6,137.98	6,147.98	6,147.98	123.46	21.84	76.90	-5,649.07	-11,735.52	8,960.52	8,823.63	136.89	65.460		
9,500.00	6,194.33	6,204.33	6,204.33	125.00	22.04	77.21	-5,649.07	-11,735.52	8,929.32	8,790.44	138.88	64.297		
9,600.00	6,250.68	6,260.68	6,260.68	126.53	22.24	77.52	-5,649.07	-11,735.52	8,898.78	8,757.91	140.87	63.169		
9,700.00	6,307.04	6,317.04	6,317.04	128.06	22.44	77.82	-5,649.07	-11,735.52	8,868.91	8,726.04	142.87	62.077		
9,800.00	6,363.39	6,373.39	6,373.39	129.59	22.65	78.13	-5,649.07	-11,735.52	8,839.71	8,694.83	144.87	61.017		
9,900.00	6,419.74	6,429.74	6,429.74	131.12	22.85	78.44	-5,649.07	-11,735.52	8,811.18	8,664.31	146.88	59.990		
10,000.00	6,476.09	6,486.09	6,486.09	132.65	23.05	78.75	-5,649.07	-11,735.52	8,783.34	8,634.46	148.88	58.995		
10,100.00	6,532.45	6,542.45	6,542.45	134.18	23.25	79.06	-5,649.07	-11,735.52	8,756.19	8,605.30	150.89	58.030		
10,200.00	6,588.80	6,598.80	6,598.80	135.72	23.45	79.37	-5,649.07	-11,735.52	8,729.74	8,576.84	152.90	57.094		
10,300.00	6,645.15	6,655.15	6,655.15	137.25	23.66	79.68	-5,649.07	-11,735.52	8,703.99	8,549.08	154.91	56.187		
10,400.00	6,701.51	6,711.51	6,711.51	138.78	23.86	79.99	-5,649.07	-11,735.52	8,678.95	8,522.03	156.92	55.307		
10,500.00	6,757.86	6,767.86	6,767.86	140.31	24.06	80.31	-5,649.07	-11,735.52	8,654.63	8,495.70	158.93	54.455		
10,600.00	6,813.28	6,823.28	6,823.28	141.87	24.26	76.51	-5,649.07	-11,735.52	8,627.14	8,466.20	160.94	53.605		
10,700.00	6,864.12	6,874.12	6,874.12	143.49	24.44	71.79	-5,649.07	-11,735.52	8,584.92	8,422.02	162.90	52.699		
10,800.00	6,908.67	6,918.67	6,918.67	145.14	24.60	68.45	-5,649.07	-11,735.52	8,528.29	8,363.53	164.75	51.764		
10,900.00	6,945.58	6,955.58	6,955.58	146.73	24.73	66.68	-5,649.07	-11,735.52	8,458.79	8,292.37	166.42	50.828		
11,000.00	6,973.71	6,983.71	6,983.71	148.22	24.83	66.93	-5,649.07	-11,735.52	8,378.37	8,210.53	167.84	49.919		
11,100.00	6,992.22	7,002.22	7,002.22	149.55	24.90	70.48	-5,649.07	-11,735.52	8,289.26	8,120.31	168.96	49.062		
11,200.00	7,000.54	7,010.54	7,010.54	150.69	24.93	82.29	-5,649.07	-11,735.52	8,194.03	8,024.30	169.72	48.278		
11,300.00	7,001.00	7,011.00	7,011.00	151.65	24.93	90.00	-5,649.07	-11,735.52	8,095.88	7,925.66	170.21	47.563		
11,400.00	7,001.00	7,011.00	7,011.00	152.64	24.93	90.00	-5,649.07	-11,735.52	7,997.64	7,826.95	170.69	46.854		
11,500.00	7,001.00	7,011.00	7,011.00	153.65	24.93	90.00	-5,649.07	-11,735.52	7,899.45	7,728.27	171.19	46.145		
11,600.00	7,001.00	7,011.00	7,011.00	154.69	24.93	90.00	-5,649.07	-11,735.52	7,801.31	7,629.62	171.69	45.437		
11,700.00	7,001.00	7,011.00	7,011.00	155.76	24.93	90.00	-5,649.07	-11,735.52	7,703.22	7,531.00	172.21	44.730		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,800.00	7,001.00	7,011.00	7,011.00	156.85	24.93	90.00	-5,649.07	-11,735.52	7,605.17	7,432.42	172.75	44.025		
11,900.00	7,001.00	7,011.00	7,011.00	157.98	24.93	90.00	-5,649.07	-11,735.52	7,507.18	7,333.88	173.29	43.320		
12,000.00	7,001.00	7,011.00	7,011.00	159.14	24.93	90.00	-5,649.07	-11,735.52	7,409.24	7,235.38	173.86	42.617		
12,100.00	7,001.00	7,011.00	7,011.00	160.32	24.93	90.00	-5,649.07	-11,735.52	7,311.35	7,136.92	174.43	41.915		
12,200.00	7,001.00	7,011.00	7,011.00	161.54	24.93	90.00	-5,649.07	-11,735.52	7,213.53	7,038.50	175.03	41.214		
12,300.00	7,001.00	7,011.00	7,011.00	162.78	24.93	90.00	-5,649.07	-11,735.52	7,115.76	6,940.12	175.64	40.514		
12,400.00	7,001.00	7,011.00	7,011.00	164.06	24.93	90.00	-5,649.07	-11,735.52	7,018.06	6,841.79	176.26	39.816		
12,500.00	7,001.00	7,011.00	7,011.00	165.36	24.93	90.00	-5,649.07	-11,735.52	6,920.42	6,743.51	176.91	39.119		
12,600.00	7,001.00	7,011.00	7,011.00	166.69	24.93	90.00	-5,649.07	-11,735.52	6,822.85	6,645.28	177.57	38.424		
12,700.00	7,001.00	7,011.00	7,011.00	168.05	24.93	90.00	-5,649.07	-11,735.52	6,725.35	6,547.10	178.25	37.730		
12,800.00	7,001.00	7,011.00	7,011.00	169.44	24.93	90.00	-5,649.07	-11,735.52	6,627.93	6,448.98	178.95	37.038		
12,900.00	7,001.00	7,011.00	7,011.00	170.86	24.93	90.00	-5,649.07	-11,735.52	6,530.58	6,350.91	179.67	36.347		
13,000.00	7,001.00	7,011.00	7,011.00	172.30	24.93	90.00	-5,649.07	-11,735.52	6,433.32	6,252.90	180.42	35.658		
13,100.00	7,001.00	7,011.00	7,011.00	173.78	24.93	90.00	-5,649.07	-11,735.52	6,336.14	6,154.96	181.18	34.971		
13,200.00	7,001.00	7,011.00	7,011.00	175.28	24.93	90.00	-5,649.07	-11,735.52	6,239.05	6,057.08	181.97	34.286		
13,300.00	7,001.00	7,011.00	7,011.00	176.80	24.93	90.00	-5,649.07	-11,735.52	6,142.06	5,959.27	182.79	33.602		
13,400.00	7,001.00	7,011.00	7,011.00	178.36	24.93	90.00	-5,649.07	-11,735.52	6,045.16	5,861.53	183.63	32.921		
13,500.00	7,001.00	7,011.00	7,011.00	179.94	24.93	90.00	-5,649.07	-11,735.52	5,948.36	5,763.87	184.49	32.242		
13,600.00	7,001.00	7,011.00	7,011.00	181.55	24.93	90.00	-5,649.07	-11,735.52	5,851.67	5,666.29	185.39	31.564		
13,700.00	7,001.00	7,011.00	7,011.00	183.18	24.93	90.00	-5,649.07	-11,735.52	5,755.10	5,568.79	186.31	30.889		
13,800.00	7,001.00	7,011.00	7,011.00	184.84	24.93	90.00	-5,649.07	-11,735.52	5,658.64	5,471.38	187.27	30.217		
13,900.00	7,001.00	7,011.00	7,011.00	186.52	24.93	90.00	-5,649.07	-11,735.52	5,562.31	5,374.06	188.26	29.547		
14,000.00	7,001.00	7,011.00	7,011.00	188.23	24.93	90.00	-5,649.07	-11,735.52	5,466.11	5,276.84	189.28	28.879		
14,100.00	7,001.00	7,011.00	7,011.00	189.97	24.93	90.00	-5,649.07	-11,735.52	5,370.06	5,179.72	190.33	28.214		
14,200.00	7,001.00	7,011.00	7,011.00	191.72	24.93	90.00	-5,649.07	-11,735.52	5,274.14	5,082.71	191.43	27.552		
14,300.00	7,001.00	7,011.00	7,011.00	193.50	24.93	90.00	-5,649.07	-11,735.52	5,178.38	4,985.82	192.56	26.892		
14,400.00	7,001.00	7,011.00	7,011.00	195.30	24.93	90.00	-5,649.07	-11,735.52	5,082.79	4,889.05	193.73	26.236		
14,500.00	7,001.00	7,011.00	7,011.00	197.13	24.93	90.00	-5,649.07	-11,735.52	4,987.37	4,792.42	194.95	25.583		
14,600.00	7,001.00	7,011.00	7,011.00	198.98	24.93	90.00	-5,649.07	-11,735.52	4,892.13	4,695.91	196.21	24.933		
14,700.00	7,001.00	7,011.00	7,011.00	200.85	24.93	90.00	-5,649.07	-11,735.52	4,797.08	4,599.56	197.52	24.287		
14,800.00	7,001.00	7,011.00	7,011.00	202.73	24.93	90.00	-5,649.07	-11,735.52	4,702.24	4,503.36	198.88	23.644		
14,900.00	7,001.00	7,011.00	7,011.00	204.64	24.93	90.00	-5,649.07	-11,735.52	4,607.62	4,407.33	200.29	23.005		
15,000.00	7,001.00	7,011.00	7,011.00	206.57	24.93	90.00	-5,649.07	-11,735.52	4,513.23	4,311.47	201.76	22.370		
15,100.00	7,001.00	7,011.00	7,011.00	208.52	24.93	90.00	-5,649.07	-11,735.52	4,419.08	4,215.80	203.28	21.739		
15,200.00	7,001.00	7,011.00	7,011.00	210.49	24.93	90.00	-5,649.07	-11,735.52	4,325.20	4,120.34	204.87	21.112		
15,300.00	7,001.00	7,011.00	7,011.00	212.48	24.93	90.00	-5,649.07	-11,735.52	4,231.60	4,025.09	206.52	20.490		
15,400.00	7,001.00	7,011.00	7,011.00	214.48	24.93	90.00	-5,649.07	-11,735.52	4,138.30	3,930.07	208.23	19.873		
15,500.00	7,001.00	7,011.00	7,011.00	216.51	24.93	90.00	-5,649.07	-11,735.52	4,045.32	3,835.30	210.02	19.261		
15,600.00	7,001.00	7,011.00	7,011.00	218.55	24.93	90.00	-5,649.07	-11,735.52	3,952.68	3,740.80	211.89	18.655		
15,700.00	7,001.00	7,011.00	7,011.00	220.60	24.93	90.00	-5,649.07	-11,735.52	3,860.41	3,646.58	213.83	18.053		
15,800.00	7,001.00	7,011.00	7,011.00	222.68	24.93	90.00	-5,649.07	-11,735.52	3,768.54	3,552.68	215.86	17.458		
15,900.00	7,001.00	7,011.00	7,011.00	224.76	24.93	90.00	-5,649.07	-11,735.52	3,677.09	3,459.11	217.98	16.869		
16,000.00	7,001.00	7,011.00	7,011.00	226.87	24.93	90.00	-5,649.07	-11,735.52	3,586.09	3,365.90	220.19	16.287		
16,100.00	7,001.00	7,011.00	7,011.00	228.99	24.93	90.00	-5,649.07	-11,735.52	3,495.59	3,273.09	222.49	15.711		
16,200.00	7,001.00	7,011.00	7,011.00	231.12	24.93	90.00	-5,649.07	-11,735.52	3,405.61	3,180.71	224.90	15.143		
16,300.00	7,001.00	7,011.00	7,011.00	233.27	24.93	90.00	-5,649.07	-11,735.52	3,316.22	3,088.80	227.42	14.582		
16,400.00	7,001.00	7,011.00	7,011.00	235.43	24.93	90.00	-5,649.07	-11,735.52	3,227.44	2,997.39	230.05	14.029		
16,500.00	7,001.00	7,011.00	7,011.00	237.61	24.93	90.00	-5,649.07	-11,735.52	3,139.34	2,906.54	232.79	13.485		
16,600.00	7,001.00	7,011.00	7,011.00	239.79	24.93	90.00	-5,649.07	-11,735.52	3,051.97	2,816.31	235.67	12.950		
16,700.00	7,001.00	7,011.00	7,011.00	242.00	24.93	90.00	-5,649.07	-11,735.52	2,965.40	2,726.74	238.66	12.425		
16,800.00	7,001.00	7,011.00	7,011.00	244.21	24.93	90.00	-5,649.07	-11,735.52	2,879.70	2,637.91	241.79	11.910		
16,900.00	7,001.00	7,011.00	7,011.00	246.43	24.93	90.00	-5,649.07	-11,735.52	2,794.96	2,549.89	245.06	11.405		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
17,000.00	7,001.00	7,011.00	7,011.00	248.67	24.93	90.00	-5,649.07	-11,735.52	2,711.25	2,462.78	248.47	10.912		
17,100.00	7,001.00	7,011.00	7,011.00	250.92	24.93	90.00	-5,649.07	-11,735.52	2,628.68	2,376.66	252.01	10.431		
17,200.00	7,001.00	7,011.00	7,011.00	253.18	24.93	90.00	-5,649.07	-11,735.52	2,547.36	2,291.66	255.70	9.962		
17,300.00	7,001.00	7,011.00	7,011.00	255.45	24.93	90.00	-5,649.07	-11,735.52	2,467.41	2,207.88	259.52	9.507		
17,400.00	7,001.00	7,011.00	7,011.00	257.73	24.93	90.00	-5,649.07	-11,735.52	2,388.97	2,125.49	263.48	9.067		
17,500.00	7,001.00	7,011.00	7,011.00	260.02	24.93	90.00	-5,649.07	-11,735.52	2,312.20	2,044.63	267.56	8.642		
17,600.00	7,001.00	7,011.00	7,011.00	262.32	24.93	90.00	-5,649.07	-11,735.52	2,237.26	1,965.50	271.76	8.233		
17,700.00	7,001.00	7,011.00	7,011.00	264.63	24.93	90.00	-5,649.07	-11,735.52	2,164.35	1,888.31	276.04	7.841		
17,800.00	7,001.00	7,011.00	7,011.00	266.95	24.93	90.00	-5,649.07	-11,735.52	2,093.68	1,813.29	280.39	7.467		
17,900.00	7,001.00	7,011.00	7,011.00	269.28	24.93	90.00	-5,649.07	-11,735.52	2,025.48	1,740.71	284.77	7.113		
18,000.00	7,001.00	7,011.00	7,011.00	271.61	24.93	90.00	-5,649.07	-11,735.52	1,960.02	1,670.89	289.13	6.779		
18,100.00	7,001.00	7,011.00	7,011.00	273.96	24.93	90.00	-5,649.07	-11,735.52	1,897.56	1,604.15	293.42	6.467		
18,200.00	7,001.00	7,011.00	7,011.00	276.31	24.93	90.00	-5,649.07	-11,735.52	1,838.43	1,540.87	297.56	6.178		
18,300.00	7,001.00	7,011.00	7,011.00	278.67	24.93	90.00	-5,649.07	-11,735.52	1,782.95	1,481.49	301.46	5.914		
18,400.00	7,001.00	7,011.00	7,011.00	281.04	24.93	90.00	-5,649.07	-11,735.52	1,731.47	1,426.43	305.04	5.676		
18,500.00	7,001.00	7,011.00	7,011.00	283.42	24.93	90.00	-5,649.07	-11,735.52	1,684.36	1,376.20	308.16	5.466		
18,600.00	7,001.00	7,011.00	7,011.00	285.80	24.93	90.00	-5,649.07	-11,735.52	1,642.00	1,331.28	310.72	5.285		
18,700.00	7,001.00	7,011.00	7,011.00	288.19	24.93	90.00	-5,649.07	-11,735.52	1,604.76	1,292.19	312.56	5.134		
18,800.00	7,001.00	7,011.00	7,011.00	290.59	24.93	90.00	-5,649.07	-11,735.52	1,573.00	1,259.42	313.58	5.016		
18,900.00	7,001.00	7,011.00	7,011.00	293.00	24.93	90.00	-5,649.07	-11,735.52	1,547.06	1,233.43	313.64	4.933		
19,000.00	7,001.00	7,011.00	7,011.00	295.41	24.93	90.00	-5,649.07	-11,735.52	1,527.25	1,214.61	312.64	4.885		
19,100.00	7,001.00	7,011.00	7,011.00	297.83	24.93	90.00	-5,649.07	-11,735.52	1,513.79	1,203.27	310.52	4.875 SF		
19,200.00	7,001.00	7,011.00	7,011.00	300.25	24.93	90.00	-5,649.07	-11,735.52	1,506.87	1,199.62	307.24	4.904 ES		
19,254.59	7,001.00	7,011.00	7,011.00	301.58	24.93	90.00	-5,649.07	-11,735.52	1,505.88	1,200.91	304.97	4.938 CC		
19,300.00	7,001.00	7,011.00	7,011.00	302.68	24.93	90.00	-5,649.07	-11,735.52	1,506.56	1,203.73	302.83	4.975		
19,400.00	7,001.00	7,011.00	7,011.00	305.12	24.93	90.00	-5,649.07	-11,735.52	1,512.88	1,215.54	297.34	5.088		
19,500.00	7,001.00	7,011.00	7,011.00	307.56	24.93	90.00	-5,649.07	-11,735.52	1,525.74	1,234.86	290.88	5.245		
19,600.00	7,001.00	7,011.00	7,011.00	310.01	24.93	90.00	-5,649.07	-11,735.52	1,544.98	1,261.39	283.59	5.448		
19,700.00	7,001.00	7,011.00	7,011.00	312.46	24.93	90.00	-5,649.07	-11,735.52	1,570.37	1,294.74	275.63	5.697		
19,800.00	7,001.00	7,011.00	7,011.00	314.92	24.93	90.00	-5,649.07	-11,735.52	1,601.60	1,334.42	267.18	5.994		
19,900.00	7,001.00	7,011.00	7,011.00	317.39	24.93	90.00	-5,649.07	-11,735.52	1,638.36	1,379.95	258.41	6.340		
20,000.00	7,001.00	7,011.00	7,011.00	319.85	24.93	90.00	-5,649.07	-11,735.52	1,680.27	1,430.79	249.48	6.735		
20,100.00	7,001.00	7,011.00	7,011.00	322.33	24.93	90.00	-5,649.07	-11,735.52	1,726.96	1,486.42	240.54	7.180		
20,200.00	7,001.00	7,011.00	7,011.00	324.81	24.93	90.00	-5,649.07	-11,735.52	1,778.05	1,546.35	231.70	7.674		
20,300.00	7,001.00	7,011.00	7,011.00	327.29	24.93	90.00	-5,649.07	-11,735.52	1,833.18	1,610.10	223.08	8.218		
20,400.00	7,001.00	7,011.00	7,011.00	329.78	24.93	90.00	-5,649.07	-11,735.52	1,891.99	1,677.25	214.74	8.811		
20,500.00	7,001.00	7,011.00	7,011.00	332.27	24.93	90.00	-5,649.07	-11,735.52	1,954.15	1,747.40	206.75	9.452		
20,600.00	7,001.00	7,011.00	7,011.00	334.77	24.93	90.00	-5,649.07	-11,735.52	2,019.35	1,820.21	199.15	10.140		
20,700.00	7,001.00	7,011.00	7,011.00	337.27	24.93	90.00	-5,649.07	-11,735.52	2,087.31	1,895.36	191.95	10.874		
20,800.00	7,001.00	7,011.00	7,011.00	339.77	24.93	90.00	-5,649.07	-11,735.52	2,157.77	1,972.59	185.18	11.652		
20,900.00	7,001.00	7,011.00	7,011.00	342.28	24.93	90.00	-5,649.07	-11,735.52	2,230.48	2,051.65	178.83	12.473		
21,000.00	7,001.00	7,011.00	7,011.00	344.79	24.93	90.00	-5,649.07	-11,735.52	2,305.24	2,132.33	172.90	13.332		
21,100.00	7,001.00	7,011.00	7,011.00	347.31	24.93	90.00	-5,649.07	-11,735.52	2,381.85	2,214.46	167.39	14.229		
21,200.00	7,001.00	7,011.00	7,011.00	349.83	24.93	90.00	-5,649.07	-11,735.52	2,460.14	2,297.87	162.27	15.161		
21,300.00	7,001.00	7,011.00	7,011.00	352.35	24.93	90.00	-5,649.07	-11,735.52	2,539.95	2,382.42	157.54	16.123		
21,369.95	7,001.00	7,011.00	7,011.00	354.12	24.93	90.00	-5,649.07	-11,735.52	2,596.62	2,442.18	154.44	16.813		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 99-MWDD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,600.00	2,294.55	641.00	638.84	20.11	2.13	42.62	-5,657.85	-9,094.82	10,015.91	9,999.11	16.80	596.239		
2,700.00	2,357.48	684.71	681.77	21.50	2.33	43.60	-5,657.77	-9,102.99	9,964.97	9,947.07	17.90	556.572		
2,800.00	2,417.66	733.00	729.02	22.94	2.54	44.67	-5,657.45	-9,113.00	9,912.95	9,893.89	19.06	520.115		
2,900.00	2,475.05	733.00	729.02	24.41	2.54	45.43	-5,657.45	-9,113.00	9,859.04	9,838.99	20.06	491.592		
3,000.00	2,531.40	733.00	729.02	25.89	2.54	45.43	-5,657.45	-9,113.00	9,805.11	9,784.04	21.07	465.364		
3,100.00	2,587.75	733.00	729.02	27.39	2.54	45.43	-5,657.45	-9,113.00	9,751.90	9,729.80	22.10	441.240		
3,200.00	2,644.11	733.00	729.02	28.89	2.54	45.43	-5,657.45	-9,113.00	9,699.43	9,676.28	23.15	419.010		
3,300.00	2,700.46	733.00	729.02	30.39	2.54	45.43	-5,657.45	-9,113.00	9,647.72	9,623.50	24.21	398.485		
3,400.00	2,756.81	779.90	774.69	31.89	2.77	45.66	-5,657.10	-9,123.64	9,596.22	9,570.74	25.48	376.545		
3,500.00	2,813.17	827.00	820.36	33.40	3.01	45.88	-5,656.91	-9,135.17	9,545.97	9,519.20	26.78	356.525		
3,600.00	2,869.52	827.00	820.36	34.91	3.01	45.88	-5,656.91	-9,135.17	9,495.96	9,468.08	27.88	340.591		
3,700.00	2,925.87	827.00	820.36	36.42	3.01	45.88	-5,656.91	-9,135.17	9,446.74	9,417.74	29.00	325.756		
3,800.00	2,982.22	827.00	820.36	37.93	3.01	45.88	-5,656.91	-9,135.17	9,398.33	9,368.20	30.13	311.923		
3,900.00	3,038.58	827.00	820.36	39.45	3.01	45.88	-5,656.91	-9,135.17	9,350.74	9,319.46	31.27	299.003		
4,000.00	3,094.93	863.23	855.35	40.96	3.20	46.06	-5,656.88	-9,144.59	9,303.67	9,271.08	32.59	285.463		
4,100.00	3,151.28	877.91	869.48	42.48	3.28	46.13	-5,656.91	-9,148.53	9,257.45	9,223.62	33.82	273.690		
4,200.00	3,207.63	921.00	910.87	44.00	3.51	46.34	-5,657.10	-9,160.52	9,212.17	9,176.97	35.20	261.724		
4,300.00	3,263.99	921.00	910.87	45.52	3.51	46.34	-5,657.10	-9,160.52	9,167.32	9,130.93	36.39	251.938		
4,400.00	3,320.34	921.00	910.87	47.04	3.51	46.34	-5,657.10	-9,160.52	9,123.35	9,085.76	37.59	242.730		
4,500.00	3,376.69	953.01	941.53	48.56	3.70	46.49	-5,657.29	-9,169.74	9,080.14	9,041.18	38.96	233.077		
4,600.00	3,433.05	982.19	969.43	50.08	3.87	46.64	-5,657.45	-9,178.27	9,037.62	8,997.30	40.32	224.164		
4,700.00	3,489.40	1,014.00	999.80	51.61	4.05	46.79	-5,657.61	-9,187.71	8,995.80	8,954.11	41.70	215.749		
4,800.00	3,545.75	1,099.16	1,081.10	53.13	4.57	47.22	-5,657.96	-9,213.05	8,954.50	8,911.15	43.36	206.519		
4,900.00	3,602.10	1,164.50	1,143.52	54.65	4.97	47.54	-5,658.23	-9,232.38	8,913.55	8,868.60	44.94	198.324		
5,000.00	3,658.46	1,222.57	1,198.99	56.18	5.32	47.83	-5,658.61	-9,249.55	8,873.10	8,826.59	46.50	190.799		
5,100.00	3,714.81	1,291.93	1,265.27	57.70	5.75	48.18	-5,659.24	-9,270.01	8,833.14	8,785.00	48.14	183.506		
5,200.00	3,771.16	1,377.15	1,346.74	59.23	6.28	48.60	-5,660.33	-9,294.95	8,793.60	8,743.74	49.86	176.366		
5,300.00	3,827.51	1,757.59	1,712.72	60.75	8.56	50.54	-5,662.87	-9,398.71	8,752.49	8,699.40	53.08	164.879		
5,400.00	3,883.87	1,803.30	1,756.88	62.28	8.82	50.77	-5,663.23	-9,410.51	8,711.59	8,656.95	54.64	159.441		
5,500.00	3,940.22	1,861.00	1,812.64	63.80	9.16	51.07	-5,663.97	-9,425.35	8,671.23	8,614.97	56.26	154.116		
5,600.00	3,996.57	1,935.92	1,885.05	65.33	9.59	51.45	-5,665.10	-9,444.54	8,631.34	8,573.36	57.99	148.853		
5,700.00	4,052.93	1,985.00	1,932.50	66.86	9.87	51.71	-5,665.81	-9,457.08	8,591.90	8,532.31	59.59	144.176		
5,800.00	4,109.28	2,039.69	1,985.35	68.39	10.19	51.99	-5,666.69	-9,471.10	8,553.06	8,491.81	61.24	139.663		
5,900.00	4,165.63	2,080.74	2,024.99	69.91	10.43	52.20	-5,667.48	-9,481.72	8,514.91	8,452.08	62.83	135.519		
6,000.00	4,221.98	2,110.00	2,053.24	71.44	10.60	52.35	-5,668.12	-9,489.34	8,477.47	8,413.10	64.37	131.691		
6,100.00	4,278.34	2,165.48	2,106.75	72.97	10.93	52.64	-5,669.23	-9,503.97	8,440.70	8,374.63	66.06	127.767		
6,200.00	4,334.69	2,208.05	2,147.75	74.50	11.18	52.86	-5,669.86	-9,515.37	8,404.63	8,336.94	67.70	124.148		
6,300.00	4,391.04	2,235.00	2,173.69	76.03	11.35	53.01	-5,670.16	-9,522.68	8,369.30	8,300.04	69.26	120.835		
6,400.00	4,447.40	2,296.12	2,232.48	77.55	11.72	53.33	-5,670.88	-9,539.38	8,334.64	8,263.62	71.02	117.356		
6,500.00	4,503.75	2,360.00	2,293.88	79.08	12.10	53.67	-5,671.89	-9,556.98	8,300.73	8,227.93	72.80	114.013		
6,600.00	4,560.10	2,389.64	2,322.35	80.61	12.29	53.83	-5,672.37	-9,565.21	8,267.47	8,193.06	74.42	111.099		
6,700.00	4,616.45	2,439.41	2,370.13	82.14	12.59	54.09	-5,672.96	-9,579.14	8,234.93	8,158.79	76.15	108.145		
6,800.00	4,672.81	2,485.00	2,413.86	83.67	12.87	54.34	-5,673.27	-9,592.02	8,203.10	8,125.23	77.87	105.348		
6,900.00	4,729.16	2,526.94	2,454.05	85.20	13.14	54.57	-5,673.44	-9,604.01	8,172.02	8,092.44	79.58	102.691		
7,000.00	4,785.51	2,565.98	2,491.42	86.73	13.38	54.78	-5,673.56	-9,615.28	8,141.74	8,060.46	81.28	100.166		
7,100.00	4,841.86	2,610.00	2,533.52	88.26	13.66	55.02	-5,673.67	-9,628.15	8,112.27	8,029.25	83.02	97.710		
7,200.00	4,898.22	2,649.56	2,571.32	89.79	13.91	55.24	-5,673.80	-9,639.81	8,083.60	7,998.86	84.75	95.383		
7,300.00	4,954.57	2,695.28	2,614.98	91.32	14.21	55.49	-5,674.09	-9,653.37	8,055.71	7,969.20	86.52	93.110		
7,400.00	5,010.92	2,735.00	2,652.90	92.85	14.46	55.71	-5,674.47	-9,665.21	8,028.61	7,940.35	88.26	90.967		
7,500.00	5,067.28	2,787.74	2,703.21	94.38	14.81	55.99	-5,675.19	-9,681.01	8,002.27	7,912.19	90.09	88.829		
7,600.00	5,123.63	2,916.15	2,825.77	95.91	15.63	56.69	-5,677.85	-9,719.25	7,976.58	7,884.20	92.39	86.338		
7,700.00	5,179.98	3,046.20	2,950.27	97.44	16.46	57.41	-5,680.39	-9,756.73	7,950.74	7,856.03	94.71	83.950		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 99-MWVD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,800.00	5,236.33	3,314.28	3,207.90	98.97	18.09	58.90	-5,683.53	-9,830.66	7,925.20	7,827.34	97.86	80.983		
7,900.00	5,292.69	3,410.75	3,301.12	100.50	18.66	59.43	-5,685.07	-9,855.47	7,898.53	7,798.53	100.00	78.989		
8,000.00	5,349.04	3,447.29	3,336.42	102.03	18.87	59.64	-5,685.81	-9,864.89	7,872.63	7,770.84	101.79	77.342		
8,100.00	5,405.39	3,484.00	3,371.84	103.56	19.09	59.84	-5,686.55	-9,874.48	7,847.62	7,744.03	103.59	75.756		
8,200.00	5,461.74	3,557.85	3,443.09	105.09	19.52	60.26	-5,687.79	-9,893.89	7,823.35	7,717.72	105.62	74.069		
8,300.00	5,518.10	3,657.04	3,538.83	106.62	20.11	60.82	-5,688.66	-9,919.82	7,799.64	7,691.82	107.82	72.339		
8,400.00	5,574.45	3,729.20	3,608.57	108.15	20.53	61.23	-5,688.54	-9,938.30	7,776.19	7,666.32	109.87	70.777		
8,500.00	5,630.80	3,778.80	3,656.51	109.68	20.82	61.52	-5,688.36	-9,951.04	7,753.53	7,641.75	111.79	69.360		
8,600.00	5,687.16	3,808.85	3,685.51	111.21	21.00	61.69	-5,688.36	-9,958.90	7,731.89	7,618.30	113.59	68.070		
8,700.00	5,743.51	3,859.00	3,733.84	112.75	21.30	61.98	-5,688.56	-9,972.30	7,711.29	7,595.77	115.52	66.754		
8,800.00	5,799.86	3,859.00	3,733.84	114.28	21.30	61.98	-5,688.56	-9,972.30	7,691.58	7,574.46	117.13	65.669		
8,900.00	5,856.21	3,859.00	3,733.84	115.81	21.30	61.98	-5,688.56	-9,972.30	7,673.14	7,554.41	118.73	64.629		
9,000.00	5,912.57	3,908.99	3,781.87	117.34	21.61	62.27	-5,688.95	-9,986.14	7,655.45	7,534.79	120.66	63.444		
9,100.00	5,968.92	3,930.44	3,802.43	118.87	21.74	62.39	-5,689.16	-9,992.28	7,639.02	7,516.62	122.41	62.408		
9,200.00	6,025.27	3,984.00	3,853.59	120.40	22.08	62.70	-5,689.78	-10,008.09	7,623.89	7,499.52	124.37	61.300		
9,300.00	6,081.63	3,984.00	3,853.59	121.93	22.08	62.70	-5,689.78	-10,008.09	7,609.47	7,483.52	125.95	60.415		
9,400.00	6,137.98	3,984.00	3,853.59	123.46	22.08	62.70	-5,689.78	-10,008.09	7,596.34	7,468.82	127.52	59.568		
9,500.00	6,194.33	4,047.32	3,913.90	125.00	22.50	63.06	-5,690.76	-10,027.38	7,584.09	7,454.53	129.57	58.535		
9,600.00	6,250.68	4,109.00	3,972.54	126.53	22.91	63.41	-5,692.02	-10,046.44	7,572.87	7,441.28	131.60	57.546		
9,700.00	6,307.04	4,456.54	4,305.38	128.06	25.10	65.42	-5,696.10	-10,146.23	7,560.35	7,424.60	135.75	55.695		
9,800.00	6,363.39	6,401.79	6,220.58	129.59	33.41	77.30	-5,680.61	-10,433.25	7,541.25	7,394.36	146.89	51.341		
9,900.00	6,419.74	6,485.27	6,304.04	131.12	33.64	77.83	-5,680.05	-10,435.05	7,514.73	7,365.71	149.02	50.426		
10,000.00	6,476.09	6,550.04	6,368.79	132.65	33.81	78.25	-5,679.60	-10,436.30	7,488.90	7,337.78	151.12	49.556		
10,100.00	6,532.45	6,616.31	6,435.05	134.18	33.98	78.67	-5,679.09	-10,437.49	7,463.82	7,310.60	153.22	48.713		
10,200.00	6,588.80	6,690.97	6,509.70	135.72	34.18	79.16	-5,678.49	-10,438.68	7,439.47	7,284.13	155.34	47.891		
10,300.00	6,645.15	6,767.01	6,585.73	137.25	34.37	79.65	-5,677.88	-10,439.70	7,415.81	7,258.35	157.47	47.094		
10,400.00	6,701.51	6,845.10	6,663.81	138.78	34.58	80.16	-5,677.36	-10,440.53	7,392.85	7,233.25	159.60	46.322		
10,500.00	6,757.86	6,927.00	6,745.71	140.31	34.78	80.69	-5,676.95	-10,441.17	7,370.56	7,208.83	161.73	45.573		
10,600.00	6,813.28	6,999.46	6,818.17	141.87	34.97	77.06	-5,676.66	-10,441.50	7,345.04	7,181.20	163.84	44.830		
10,700.00	6,864.12	7,049.23	6,867.94	143.49	35.10	72.40	-5,676.49	-10,441.70	7,304.79	7,138.91	165.88	44.038		
10,800.00	6,908.67	7,092.97	6,911.68	145.14	35.21	69.14	-5,676.35	-10,441.88	7,250.08	7,082.28	167.81	43.205		
10,900.00	6,945.58	7,134.77	6,953.48	146.73	35.31	67.52	-5,676.24	-10,442.05	7,182.40	7,012.83	169.57	42.357		
11,000.00	6,973.71	7,169.49	6,988.19	148.22	35.40	67.97	-5,676.23	-10,442.17	7,103.55	6,932.45	171.10	41.518		
11,100.00	6,992.22	7,192.51	7,011.22	149.55	35.46	71.65	-5,676.26	-10,442.25	7,015.74	6,843.41	172.32	40.713		
11,200.00	7,000.54	7,203.07	7,021.78	150.69	35.48	82.73	-5,676.29	-10,442.28	6,921.43	6,748.24	173.20	39.963		
11,300.00	7,001.00	7,204.00	7,022.71	151.65	35.49	89.41	-5,676.29	-10,442.28	6,823.93	6,650.14	173.79	39.266		
11,400.00	7,001.00	7,204.36	7,023.06	152.64	35.49	89.42	-5,676.29	-10,442.28	6,726.35	6,551.97	174.37	38.574		
11,500.00	7,001.00	7,204.71	7,023.42	153.65	35.49	89.44	-5,676.29	-10,442.28	6,628.84	6,453.86	174.98	37.883		
11,600.00	7,001.00	7,205.07	7,023.77	154.69	35.49	89.45	-5,676.29	-10,442.28	6,531.40	6,355.80	175.60	37.194		
11,700.00	7,001.00	7,205.42	7,024.13	155.76	35.49	89.46	-5,676.29	-10,442.29	6,434.05	6,257.80	176.24	36.506		
11,800.00	7,001.00	7,205.77	7,024.48	156.85	35.49	89.48	-5,676.30	-10,442.29	6,336.77	6,159.87	176.91	35.820		
11,900.00	7,001.00	7,206.12	7,024.83	157.98	35.49	89.49	-5,676.30	-10,442.29	6,239.59	6,062.00	177.59	35.135		
12,000.00	7,001.00	7,206.47	7,025.18	159.14	35.49	89.50	-5,676.30	-10,442.29	6,142.49	5,964.20	178.29	34.452		
12,100.00	7,001.00	7,206.82	7,025.53	160.32	35.49	89.52	-5,676.30	-10,442.29	6,045.49	5,866.47	179.02	33.771		
12,200.00	7,001.00	7,207.17	7,025.87	161.54	35.49	89.53	-5,676.30	-10,442.29	5,948.58	5,768.82	179.77	33.091		
12,300.00	7,001.00	7,207.52	7,026.22	162.78	35.50	89.54	-5,676.30	-10,442.29	5,851.78	5,671.25	180.54	32.413		
12,400.00	7,001.00	7,207.86	7,026.57	164.06	35.50	89.56	-5,676.30	-10,442.29	5,755.09	5,573.76	181.34	31.737		
12,500.00	7,001.00	7,208.20	7,026.91	165.36	35.50	89.57	-5,676.30	-10,442.29	5,658.52	5,476.36	182.16	31.063		
12,600.00	7,001.00	7,208.55	7,027.25	166.69	35.50	89.58	-5,676.30	-10,442.29	5,562.07	5,379.05	183.01	30.391		
12,700.00	7,001.00	7,208.89	7,027.60	168.05	35.50	89.60	-5,676.31	-10,442.30	5,465.74	5,281.84	183.90	29.722		
12,800.00	7,001.00	7,209.23	7,027.94	169.44	35.50	89.61	-5,676.31	-10,442.30	5,369.55	5,184.74	184.81	29.055		
12,900.00	7,001.00	7,209.57	7,028.28	170.86	35.50	89.62	-5,676.31	-10,442.30	5,273.50	5,087.75	185.75	28.390		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 99-MWVD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,000.00	7,001.00	7,209.91	7,028.62	172.30	35.50	89.64	-5,676.31	-10,442.30	5,177.60	4,990.87	186.73	27.727		
13,100.00	7,001.00	7,210.25	7,028.95	173.78	35.50	89.65	-5,676.31	-10,442.30	5,081.86	4,894.11	187.75	27.068		
13,200.00	7,001.00	7,210.58	7,029.29	175.28	35.50	89.66	-5,676.31	-10,442.30	4,986.28	4,797.48	188.80	26.411		
13,300.00	7,001.00	7,210.92	7,029.62	176.80	35.50	89.68	-5,676.31	-10,442.30	4,890.88	4,700.99	189.89	25.757		
13,400.00	7,001.00	7,211.25	7,029.96	178.36	35.50	89.69	-5,676.31	-10,442.30	4,795.67	4,604.65	191.02	25.106		
13,500.00	7,001.00	7,211.59	7,030.29	179.94	35.51	89.70	-5,676.31	-10,442.30	4,700.66	4,508.47	192.19	24.458		
13,600.00	7,001.00	7,211.92	7,030.63	181.55	35.51	89.71	-5,676.32	-10,442.30	4,605.86	4,412.44	193.41	23.813		
13,700.00	7,001.00	7,212.25	7,030.96	183.18	35.51	89.73	-5,676.32	-10,442.31	4,511.28	4,316.60	194.68	23.172		
13,800.00	7,001.00	7,212.58	7,031.29	184.84	35.51	89.74	-5,676.32	-10,442.31	4,416.94	4,220.94	196.00	22.535		
13,900.00	7,001.00	7,212.91	7,031.62	186.52	35.51	89.75	-5,676.32	-10,442.31	4,322.86	4,125.49	197.37	21.902		
14,000.00	7,001.00	7,213.24	7,031.94	188.23	35.51	89.77	-5,676.32	-10,442.31	4,229.05	4,030.25	198.80	21.273		
14,100.00	7,001.00	7,213.57	7,032.27	189.97	35.51	89.78	-5,676.32	-10,442.31	4,135.53	3,935.24	200.29	20.648		
14,200.00	7,001.00	7,213.89	7,032.60	191.72	35.51	89.79	-5,676.32	-10,442.31	4,042.32	3,840.48	201.84	20.027		
14,300.00	7,001.00	7,214.22	7,032.92	193.50	35.51	89.80	-5,676.32	-10,442.31	3,949.44	3,745.98	203.46	19.412		
14,400.00	7,001.00	7,214.54	7,033.25	195.30	35.51	89.82	-5,676.32	-10,442.31	3,856.92	3,651.77	205.14	18.801		
14,500.00	7,001.00	7,214.86	7,033.57	197.13	35.51	89.83	-5,676.33	-10,442.31	3,764.77	3,557.87	206.90	18.196		
14,600.00	7,001.00	7,215.19	7,033.89	198.98	35.51	89.84	-5,676.33	-10,442.31	3,673.05	3,464.31	208.74	17.596		
14,700.00	7,001.00	7,215.51	7,034.21	200.85	35.52	89.85	-5,676.33	-10,442.31	3,581.76	3,371.10	210.66	17.003		
14,800.00	7,001.00	7,215.83	7,034.53	202.73	35.52	89.87	-5,676.33	-10,442.32	3,490.95	3,278.29	212.66	16.416		
14,900.00	7,001.00	7,216.15	7,034.85	204.64	35.52	89.88	-5,676.33	-10,442.32	3,400.66	3,185.90	214.75	15.835		
15,000.00	7,001.00	7,216.47	7,035.17	206.57	35.52	89.89	-5,676.33	-10,442.32	3,310.92	3,093.98	216.94	15.262		
15,100.00	7,001.00	7,216.78	7,035.49	208.52	35.52	89.90	-5,676.33	-10,442.32	3,221.79	3,002.56	219.23	14.696		
15,200.00	7,001.00	7,217.10	7,035.81	210.49	35.52	89.92	-5,676.33	-10,442.32	3,133.31	2,911.69	221.62	14.138		
15,300.00	7,001.00	7,217.41	7,036.12	212.48	35.52	89.93	-5,676.33	-10,442.32	3,045.55	2,821.43	224.12	13.589		
15,400.00	7,001.00	7,217.73	7,036.43	214.48	35.52	89.94	-5,676.34	-10,442.32	2,958.57	2,731.83	226.73	13.049		
15,500.00	7,001.00	7,218.04	7,036.75	216.51	35.52	89.95	-5,676.34	-10,442.32	2,872.43	2,642.97	229.46	12.518		
15,600.00	7,001.00	7,218.36	7,037.06	218.55	35.52	89.96	-5,676.34	-10,442.32	2,787.22	2,554.90	232.31	11.998		
15,700.00	7,001.00	7,218.67	7,037.37	220.60	35.52	89.98	-5,676.34	-10,442.32	2,703.02	2,467.73	235.29	11.488		
15,800.00	7,001.00	7,218.98	7,037.68	222.68	35.52	89.99	-5,676.34	-10,442.32	2,619.93	2,381.54	238.38	10.990		
15,900.00	7,001.00	7,219.29	7,037.99	224.76	35.52	90.00	-5,676.34	-10,442.32	2,538.06	2,296.45	241.61	10.505		
16,000.00	7,001.00	7,219.60	7,038.30	226.87	35.53	90.01	-5,676.34	-10,442.33	2,457.54	2,212.58	244.96	10.033		
16,100.00	7,001.00	7,219.90	7,038.61	228.99	35.53	90.02	-5,676.34	-10,442.33	2,378.49	2,130.07	248.42	9.574		
16,200.00	7,001.00	7,220.21	7,038.92	231.12	35.53	90.04	-5,676.34	-10,442.33	2,301.08	2,049.08	252.00	9.131		
16,300.00	7,001.00	7,220.52	7,039.22	233.27	35.53	90.05	-5,676.35	-10,442.33	2,225.46	1,969.79	255.67	8.704		
16,400.00	7,001.00	7,220.82	7,039.53	235.43	35.53	90.06	-5,676.35	-10,442.33	2,151.84	1,892.41	259.43	8.295		
16,500.00	7,001.00	7,221.13	7,039.83	237.61	35.53	90.07	-5,676.35	-10,442.33	2,080.42	1,817.18	263.24	7.903		
16,600.00	7,001.00	7,221.43	7,040.13	239.79	35.53	90.08	-5,676.35	-10,442.33	2,011.43	1,744.36	267.08	7.531		
16,700.00	7,001.00	7,221.73	7,040.44	242.00	35.53	90.09	-5,676.35	-10,442.33	1,945.15	1,674.25	270.89	7.181		
16,800.00	7,001.00	7,222.03	7,040.74	244.21	35.53	90.11	-5,676.35	-10,442.33	1,881.84	1,607.21	274.63	6.852		
16,900.00	7,001.00	7,222.33	7,041.04	246.43	35.53	90.12	-5,676.35	-10,442.33	1,821.83	1,543.59	278.23	6.548		
17,000.00	7,001.00	7,222.63	7,041.34	248.67	35.53	90.13	-5,676.35	-10,442.33	1,765.44	1,483.83	281.61	6.269		
17,100.00	7,001.00	7,222.93	7,041.64	250.92	35.53	90.14	-5,676.36	-10,442.33	1,713.04	1,428.37	284.67	6.018		
17,200.00	7,001.00	7,223.23	7,041.93	253.18	35.53	90.15	-5,676.36	-10,442.34	1,665.00	1,377.70	287.30	5.795		
17,300.00	7,001.00	7,223.53	7,042.23	255.45	35.54	90.16	-5,676.36	-10,442.34	1,621.71	1,332.33	289.39	5.604		
17,400.00	7,001.00	7,223.82	7,042.53	257.73	35.54	90.18	-5,676.36	-10,442.34	1,583.57	1,292.77	290.80	5.446		
17,500.00	7,001.00	7,224.12	7,042.82	260.02	35.54	90.19	-5,676.36	-10,442.34	1,550.94	1,259.53	291.41	5.322		
17,600.00	7,001.00	7,224.41	7,043.12	262.32	35.54	90.20	-5,676.36	-10,442.34	1,524.18	1,233.09	291.10	5.236		
17,700.00	7,001.00	7,224.70	7,043.41	264.63	35.54	90.21	-5,676.36	-10,442.34	1,503.62	1,213.84	289.78	5.189		
17,800.00	7,001.00	7,225.00	7,043.70	266.95	35.54	90.22	-5,676.36	-10,442.34	1,489.49	1,202.11	287.38	5.183 SF		
17,900.00	7,001.00	7,225.29	7,043.99	269.28	35.54	90.23	-5,676.37	-10,442.34	1,482.00	1,198.12	283.87	5.221 ES		
17,961.37	7,001.00	7,225.47	7,044.17	270.71	35.54	90.24	-5,676.37	-10,442.34	1,480.73	1,199.54	281.18	5.266 CC		
18,000.00	7,001.00	7,225.58	7,044.29	271.61	35.54	90.24	-5,676.37	-10,442.34	1,481.23	1,201.95	279.29	5.304		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 99-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
18,100.00	7,001.00	7,225.87	7,044.58	273.96	35.54	90.25	-5,676.37	-10,442.34	1,487.20	1,213.52	273.68	5.434		
18,200.00	7,001.00	7,226.16	7,044.86	276.31	35.54	90.27	-5,676.37	-10,442.34	1,499.83	1,232.67	267.17	5.614		
18,300.00	7,001.00	7,226.45	7,045.15	278.67	35.54	90.28	-5,676.37	-10,442.34	1,518.95	1,259.07	259.89	5.845		
18,400.00	7,001.00	7,226.73	7,045.44	281.04	35.54	90.29	-5,676.37	-10,442.34	1,544.33	1,292.31	252.02	6.128		
18,500.00	7,001.00	7,227.02	7,045.73	283.42	35.54	90.30	-5,676.37	-10,442.35	1,575.65	1,331.93	243.72	6.465		
18,600.00	7,001.00	7,227.31	7,046.01	285.80	35.54	90.31	-5,676.37	-10,442.35	1,612.58	1,377.39	235.19	6.857		
18,700.00	7,001.00	7,227.59	7,046.30	288.19	35.55	90.32	-5,676.37	-10,442.35	1,654.73	1,428.17	226.56	7.304		
18,800.00	7,001.00	7,227.88	7,046.58	290.59	35.55	90.33	-5,676.38	-10,442.35	1,701.72	1,483.73	217.99	7.806		
18,900.00	7,001.00	7,228.16	7,046.87	293.00	35.55	90.34	-5,676.38	-10,442.35	1,753.16	1,543.56	209.60	8.364		
19,000.00	7,001.00	7,228.44	7,047.15	295.41	35.55	90.35	-5,676.38	-10,442.35	1,808.67	1,607.20	201.47	8.977		
19,100.00	7,001.00	7,228.72	7,047.43	297.83	35.55	90.36	-5,676.38	-10,442.35	1,867.89	1,674.21	193.68	9.644		
19,200.00	7,001.00	7,229.00	7,047.71	300.25	35.55	90.38	-5,676.38	-10,442.35	1,930.48	1,744.19	186.29	10.363		
19,300.00	7,001.00	7,229.28	7,047.99	302.68	35.55	90.39	-5,676.38	-10,442.35	1,996.11	1,816.80	179.32	11.132		
19,400.00	7,001.00	7,229.56	7,048.27	305.12	35.55	90.40	-5,676.38	-10,442.35	2,064.51	1,891.72	172.79	11.948		
19,500.00	7,001.00	7,229.84	7,048.55	307.56	35.55	90.41	-5,676.38	-10,442.35	2,135.40	1,968.69	166.71	12.809		
19,600.00	7,001.00	7,230.12	7,048.83	310.01	35.55	90.42	-5,676.39	-10,442.35	2,208.54	2,047.47	161.07	13.711		
19,700.00	7,001.00	7,230.40	7,049.10	312.46	35.55	90.43	-5,676.39	-10,442.35	2,283.72	2,127.84	155.87	14.651		
19,800.00	7,001.00	7,230.67	7,049.38	314.92	35.55	90.44	-5,676.39	-10,442.36	2,360.74	2,209.64	151.10	15.624		
19,900.00	7,001.00	7,230.95	7,049.65	317.39	35.55	90.45	-5,676.39	-10,442.36	2,439.43	2,292.70	146.73	16.626		
20,000.00	7,001.00	7,231.22	7,049.93	319.85	35.55	90.46	-5,676.39	-10,442.36	2,519.63	2,376.89	142.74	17.652		
20,100.00	7,001.00	7,231.50	7,050.20	322.33	35.56	90.47	-5,676.39	-10,442.36	2,601.20	2,462.10	139.11	18.699		
20,200.00	7,001.00	7,231.77	7,050.48	324.81	35.56	90.48	-5,676.39	-10,442.36	2,684.02	2,548.21	135.82	19.762		
20,300.00	7,001.00	7,232.04	7,050.75	327.29	35.56	90.49	-5,676.39	-10,442.36	2,767.98	2,635.13	132.85	20.836		
20,400.00	7,001.00	7,232.31	7,051.02	329.78	35.56	90.50	-5,676.40	-10,442.36	2,852.97	2,722.80	130.17	21.918		
20,500.00	7,001.00	7,232.58	7,051.29	332.27	35.56	90.51	-5,676.40	-10,442.36	2,938.90	2,811.15	127.76	23.004		
20,600.00	7,001.00	7,232.85	7,051.56	334.77	35.56	90.52	-5,676.40	-10,442.36	3,025.70	2,900.10	125.60	24.090		
20,700.00	7,001.00	7,233.12	7,051.83	337.27	35.56	90.54	-5,676.40	-10,442.36	3,113.29	2,989.62	123.67	25.174		
20,800.00	7,001.00	7,233.39	7,052.10	339.77	35.56	90.55	-5,676.40	-10,442.36	3,201.61	3,079.66	121.96	26.252		
20,900.00	7,001.00	7,233.66	7,052.36	342.28	35.56	90.56	-5,676.40	-10,442.36	3,290.60	3,170.17	120.43	27.323		
21,000.00	7,001.00	7,233.93	7,052.63	344.79	35.56	90.57	-5,676.40	-10,442.36	3,380.20	3,261.11	119.09	28.384		
21,100.00	7,001.00	7,234.19	7,052.90	347.31	35.56	90.58	-5,676.40	-10,442.36	3,470.37	3,352.47	117.90	29.434		
21,200.00	7,001.00	7,234.46	7,053.16	349.83	35.56	90.59	-5,676.41	-10,442.36	3,561.07	3,444.20	116.86	30.472		
21,300.00	7,001.00	7,234.72	7,053.43	352.35	35.56	90.60	-5,676.41	-10,442.37	3,652.25	3,536.29	115.96	31.497		
21,369.95	7,001.00	7,234.91	7,053.61	354.12	35.56	90.60	-5,676.41	-10,442.37	3,716.30	3,600.91	115.39	32.205		

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 126-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
2,600.00	2,294.55	731.00	729.20	20.11	2.44	42.74	-5,684.06	-9,072.75	9,994.20	9,977.14	17.06	585.995	
2,700.00	2,357.48	787.17	784.68	21.50	2.68	43.75	-5,689.88	-9,079.32	9,942.20	9,924.01	18.19	546.448	
2,800.00	2,417.66	803.81	801.08	22.94	2.75	44.69	-5,691.82	-9,081.39	9,889.00	9,869.78	19.22	514.581	
2,900.00	2,475.05	856.00	852.39	24.41	2.97	45.67	-5,698.50	-9,088.19	9,834.61	9,814.21	20.40	482.113	
3,000.00	2,531.40	856.00	852.39	25.89	2.97	45.67	-5,698.50	-9,088.19	9,779.60	9,758.19	21.41	456.775	
3,100.00	2,587.75	856.00	852.39	27.39	2.97	45.67	-5,698.50	-9,088.19	9,725.30	9,702.86	22.44	433.420	
3,200.00	2,644.11	856.00	852.39	28.89	2.97	45.67	-5,698.50	-9,088.19	9,671.74	9,648.25	23.48	411.858	
3,300.00	2,700.46	856.00	852.39	30.39	2.97	45.67	-5,698.50	-9,088.19	9,618.91	9,594.37	24.54	391.917	
3,400.00	2,756.81	856.00	852.39	31.89	2.97	45.67	-5,698.50	-9,088.19	9,566.84	9,541.22	25.62	373.441	
3,500.00	2,813.17	915.97	911.10	33.40	3.26	45.91	-5,707.23	-9,096.76	9,514.69	9,487.75	26.94	353.240	
3,600.00	2,869.52	932.13	926.86	34.91	3.34	45.97	-5,709.76	-9,099.23	9,463.64	9,435.54	28.10	336.793	
3,700.00	2,925.87	981.00	974.41	36.42	3.57	46.15	-5,717.85	-9,107.10	9,413.51	9,384.11	29.40	320.207	
3,800.00	2,982.22	981.00	974.41	37.93	3.57	46.15	-5,717.85	-9,107.10	9,363.61	9,333.08	30.53	306.725	
3,900.00	3,038.58	981.00	974.41	39.45	3.57	46.15	-5,717.85	-9,107.10	9,314.51	9,282.84	31.67	294.117	
4,000.00	3,094.93	1,016.30	1,008.66	40.96	3.75	46.29	-5,724.00	-9,113.05	9,266.09	9,233.13	32.97	281.080	
4,100.00	3,151.28	1,050.45	1,041.75	42.48	3.93	46.42	-5,730.07	-9,118.92	9,218.23	9,183.97	34.26	269.044	
4,200.00	3,207.63	1,108.00	1,097.42	44.00	4.22	46.64	-5,740.56	-9,129.04	9,170.99	9,135.32	35.67	257.110	
4,300.00	3,263.99	1,149.40	1,137.43	45.52	4.45	46.80	-5,748.29	-9,136.36	9,124.16	9,087.13	37.03	246.416	
4,400.00	3,320.34	1,232.57	1,217.80	47.04	4.89	47.11	-5,764.22	-9,150.62	9,077.44	9,038.88	38.57	235.359	
4,500.00	3,376.69	1,275.15	1,258.93	48.56	5.13	47.28	-5,772.50	-9,157.93	9,031.13	8,991.17	39.96	226.006	
4,600.00	3,433.05	1,306.92	1,289.58	50.08	5.31	47.40	-5,778.68	-9,163.57	8,985.44	8,944.12	41.32	217.466	
4,700.00	3,489.40	1,358.00	1,338.79	51.61	5.59	47.59	-5,788.60	-9,172.98	8,940.42	8,897.65	42.77	209.030	
4,800.00	3,545.75	1,358.00	1,338.79	53.13	5.59	47.59	-5,788.60	-9,172.98	8,895.94	8,851.92	44.02	202.084	
4,900.00	3,602.10	1,358.00	1,338.79	54.65	5.59	47.59	-5,788.60	-9,172.98	8,852.38	8,807.10	45.28	195.502	
5,000.00	3,658.46	1,358.00	1,338.79	56.18	5.59	47.59	-5,788.60	-9,172.98	8,809.73	8,763.18	46.55	189.260	
5,100.00	3,714.81	1,412.03	1,390.67	57.70	5.91	47.81	-5,799.12	-9,183.80	8,767.22	8,719.16	48.06	182.411	
5,200.00	3,771.16	1,428.08	1,406.03	59.23	6.00	47.87	-5,802.26	-9,187.26	8,725.91	8,676.49	49.42	176.558	
5,300.00	3,827.51	1,483.00	1,458.37	60.75	6.33	48.09	-5,813.00	-9,199.95	8,685.83	8,634.86	50.97	170.422	
5,400.00	3,883.87	1,483.00	1,458.37	62.28	6.33	48.09	-5,813.00	-9,199.95	8,645.89	8,593.61	52.27	165.396	
5,500.00	3,940.22	1,483.00	1,458.37	63.80	6.33	48.09	-5,813.00	-9,199.95	8,606.92	8,553.33	53.59	160.612	
5,600.00	3,996.57	1,483.00	1,458.37	65.33	6.33	48.09	-5,813.00	-9,199.95	8,568.95	8,514.04	54.91	156.056	
5,700.00	4,052.93	1,527.87	1,500.91	66.86	6.61	48.27	-5,822.02	-9,210.99	8,531.65	8,475.19	56.46	151.121	
5,800.00	4,109.28	1,556.14	1,527.63	68.39	6.79	48.38	-5,827.93	-9,218.08	8,495.16	8,437.22	57.93	146.643	
5,900.00	4,165.63	1,608.00	1,576.48	69.91	7.12	48.59	-5,839.22	-9,231.34	8,459.51	8,399.98	59.53	142.105	
6,000.00	4,221.98	1,608.00	1,576.48	71.44	7.12	48.59	-5,839.22	-9,231.34	8,424.47	8,363.59	60.88	138.371	
6,100.00	4,278.34	1,608.00	1,576.48	72.97	7.12	48.59	-5,839.22	-9,231.34	8,390.47	8,328.23	62.24	134.807	
6,200.00	4,334.69	1,608.00	1,576.48	74.50	7.12	48.59	-5,839.22	-9,231.34	8,357.53	8,293.93	63.60	131.403	
6,300.00	4,391.04	1,660.88	1,625.96	76.03	7.49	48.80	-5,851.25	-9,245.59	8,324.86	8,259.61	65.25	127.577	
6,400.00	4,447.40	1,677.67	1,641.58	77.55	7.61	48.86	-5,855.16	-9,250.35	8,293.49	8,226.77	66.72	124.305	
6,500.00	4,503.75	1,733.00	1,692.73	79.08	7.99	49.08	-5,868.35	-9,266.81	8,263.47	8,195.06	68.40	120.806	
6,600.00	4,560.10	1,733.00	1,692.73	80.61	7.99	49.08	-5,868.35	-9,266.81	8,233.67	8,163.88	69.79	117.982	
6,700.00	4,616.45	1,733.00	1,692.73	82.14	7.99	49.08	-5,868.35	-9,266.81	8,204.98	8,133.81	71.17	115.281	
6,800.00	4,672.81	1,801.68	1,755.79	83.67	8.51	49.35	-5,885.72	-9,287.74	8,177.16	8,104.18	72.97	112.055	
6,900.00	4,729.16	1,882.77	1,829.96	85.20	9.12	49.65	-5,907.93	-9,311.83	8,149.59	8,074.74	74.86	108.870	
7,000.00	4,785.51	1,944.37	1,886.30	86.73	9.59	49.89	-5,924.67	-9,330.29	8,122.48	8,045.84	76.64	105.981	
7,100.00	4,841.86	2,043.65	1,977.24	88.26	10.36	50.27	-5,950.67	-9,360.47	8,095.82	8,017.14	78.67	102.903	
7,200.00	4,898.22	2,108.00	2,036.29	89.79	10.85	50.52	-5,967.39	-9,379.81	8,069.15	7,988.65	80.50	100.233	
7,300.00	4,954.57	2,172.99	2,095.91	91.32	11.36	50.78	-5,984.16	-9,399.50	8,042.99	7,960.64	82.35	97.667	
7,400.00	5,010.92	2,233.00	2,150.84	92.85	11.83	51.02	-5,999.49	-9,418.18	8,017.71	7,933.53	84.18	95.245	
7,500.00	5,067.28	2,289.44	2,202.52	94.38	12.27	51.24	-6,013.54	-9,436.02	7,992.99	7,906.99	85.99	92.948	
7,600.00	5,123.63	2,548.22	2,441.11	95.91	14.26	52.31	-6,075.99	-9,514.27	7,966.66	7,877.52	89.14	89.371	
7,700.00	5,179.98	2,607.00	2,495.03	97.44	14.71	52.54	-6,091.92	-9,531.42	7,941.11	7,850.10	91.01	87.257	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 126-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,800.00	5,236.33	2,607.00	2,495.03	98.97	14.71	52.54	-6,091.92	-9,531.42	7,916.27	7,823.76	92.50	85.578		
7,900.00	5,292.69	2,658.60	2,542.13	100.50	15.13	52.74	-6,106.34	-9,546.78	7,892.21	7,797.87	94.35	83.651		
8,000.00	5,349.04	2,693.29	2,573.71	102.03	15.41	52.87	-6,116.05	-9,557.37	7,869.03	7,772.95	96.08	81.898		
8,100.00	5,405.39	2,732.00	2,608.86	103.56	15.73	53.03	-6,126.88	-9,569.41	7,846.70	7,748.84	97.85	80.188		
8,200.00	5,461.74	2,732.00	2,608.86	105.09	15.73	53.03	-6,126.88	-9,569.41	7,825.35	7,726.00	99.35	78.765		
8,300.00	5,518.10	2,802.38	2,672.50	106.62	16.32	53.30	-6,146.91	-9,591.84	7,804.51	7,703.15	101.37	76.993		
8,400.00	5,574.45	2,910.18	2,769.59	108.15	17.23	53.72	-6,178.20	-9,626.69	7,784.52	7,680.85	103.67	75.090		
8,500.00	5,630.80	3,030.01	2,878.01	109.68	18.23	54.20	-6,212.10	-9,664.82	7,764.19	7,658.11	106.08	73.194		
8,600.00	5,687.16	3,068.93	2,913.33	111.21	18.55	54.36	-6,222.59	-9,677.36	7,744.36	7,636.46	107.90	71.776		
8,700.00	5,743.51	3,107.00	2,947.84	112.75	18.87	54.51	-6,232.66	-9,689.87	7,725.36	7,615.64	109.71	70.413		
8,800.00	5,799.86	3,607.00	3,405.35	114.28	22.89	56.57	-6,366.33	-9,840.32	7,702.55	7,587.61	114.94	67.014		
8,900.00	5,856.21	3,768.96	3,554.90	115.81	24.14	57.25	-6,409.98	-9,884.57	7,679.55	7,561.87	117.68	65.257		
9,000.00	5,912.57	3,836.59	3,617.66	117.34	24.65	57.54	-6,427.19	-9,902.98	7,656.66	7,536.87	119.79	63.919		
9,100.00	5,968.92	3,857.00	3,636.60	118.87	24.80	57.62	-6,432.32	-9,908.57	7,634.47	7,512.90	121.58	62.796		
9,200.00	6,025.27	3,928.13	3,702.39	120.40	25.35	57.93	-6,450.83	-9,928.27	7,612.86	7,489.13	123.73	61.527		
9,300.00	6,081.63	3,982.00	3,751.87	121.93	25.77	58.15	-6,465.79	-9,943.43	7,592.17	7,466.41	125.77	60.367		
9,400.00	6,137.98	4,018.91	3,785.62	123.46	26.07	58.30	-6,476.41	-9,953.93	7,572.23	7,444.53	127.69	59.301		
9,500.00	6,194.33	4,068.71	3,831.01	125.00	26.48	58.51	-6,491.09	-9,968.23	7,553.02	7,423.31	129.72	58.227		
9,600.00	6,250.68	4,106.00	3,864.89	126.53	26.78	58.66	-6,502.33	-9,979.04	7,534.56	7,402.91	131.65	57.233		
9,700.00	6,307.04	4,184.54	3,935.93	128.06	27.44	58.97	-6,526.76	-10,001.96	7,516.68	7,382.76	133.92	56.129		
9,800.00	6,363.39	4,356.00	4,091.13	129.59	28.87	59.65	-6,580.17	-10,051.47	7,498.95	7,362.03	136.92	54.768		
9,900.00	6,419.74	4,401.32	4,132.57	131.12	29.24	59.84	-6,593.19	-10,064.43	7,481.04	7,342.09	138.95	53.841		
10,000.00	6,476.09	4,433.51	4,161.96	132.65	29.50	59.98	-6,602.29	-10,073.89	7,464.09	7,323.22	140.87	52.984		
10,100.00	6,532.45	4,481.00	4,205.24	134.18	29.89	60.18	-6,615.51	-10,088.26	7,448.13	7,305.21	142.93	52.111		
10,200.00	6,588.80	4,481.00	4,205.24	135.72	29.89	60.18	-6,615.51	-10,088.26	7,433.10	7,288.52	144.58	51.411		
10,300.00	6,645.15	6,894.77	6,531.20	137.25	42.21	73.20	-6,936.90	-10,486.22	7,397.04	7,238.87	158.17	46.766		
10,400.00	6,701.51	6,938.57	6,574.99	138.78	42.31	73.49	-6,936.59	-10,487.16	7,361.53	7,201.14	160.39	45.899		
10,500.00	6,757.86	6,980.00	6,616.41	140.31	42.39	73.77	-6,936.20	-10,488.11	7,326.87	7,164.26	162.60	45.059		
10,600.00	6,813.28	7,029.41	6,665.80	141.87	42.50	69.72	-6,935.72	-10,489.33	7,289.29	7,124.47	164.82	44.225		
10,700.00	6,864.12	7,073.17	6,709.54	143.49	42.60	64.41	-6,935.35	-10,490.45	7,237.70	7,070.78	166.92	43.360		
10,800.00	6,908.67	7,113.23	6,749.59	145.14	42.68	60.12	-6,935.06	-10,491.53	7,172.64	7,003.81	168.83	42.485		
10,900.00	6,945.58	7,151.03	6,787.38	146.73	42.77	56.86	-6,934.82	-10,492.55	7,095.81	6,925.34	170.47	41.625		
11,000.00	6,973.71	7,180.66	6,817.00	148.22	42.83	54.53	-6,934.64	-10,493.36	7,009.32	6,837.54	171.78	40.804		
11,100.00	6,992.22	7,201.18	6,837.50	149.55	42.88	52.99	-6,934.53	-10,493.92	6,915.61	6,742.91	172.70	40.044		
11,200.00	7,000.54	7,211.92	6,848.25	150.69	42.90	51.59	-6,934.48	-10,494.22	6,817.37	6,644.19	173.18	39.365		
11,300.00	7,001.00	7,215.07	6,851.39	151.65	42.91	50.17	-6,934.46	-10,494.31	6,717.51	6,544.19	173.32	38.758		
11,400.00	7,001.00	7,217.76	6,854.08	152.64	42.92	50.58	-6,934.45	-10,494.38	6,617.60	6,444.16	173.44	38.155		
11,500.00	7,001.00	7,220.45	6,856.77	153.65	42.92	51.00	-6,934.44	-10,494.45	6,517.70	6,344.13	173.57	37.552		
11,600.00	7,001.00	7,223.15	6,859.47	154.69	42.93	51.42	-6,934.43	-10,494.53	6,417.80	6,244.10	173.69	36.949		
11,700.00	7,001.00	7,225.85	6,862.17	155.76	42.94	51.85	-6,934.41	-10,494.60	6,317.90	6,144.07	173.82	36.346		
11,800.00	7,001.00	7,229.00	6,865.32	156.85	42.94	52.36	-6,934.40	-10,494.69	6,218.00	6,044.04	173.96	35.744		
11,900.00	7,001.00	7,232.16	6,868.47	157.98	42.95	52.87	-6,934.38	-10,494.78	6,118.10	5,944.00	174.10	35.141		
12,000.00	7,001.00	7,235.91	6,872.22	159.14	42.96	53.49	-6,934.37	-10,494.88	6,018.21	5,843.96	174.25	34.539		
12,100.00	7,001.00	7,239.61	6,875.92	160.32	42.97	54.11	-6,934.35	-10,494.98	5,918.31	5,743.92	174.39	33.936		
12,200.00	7,001.00	7,243.27	6,879.58	161.54	42.98	54.74	-6,934.34	-10,495.08	5,818.42	5,643.87	174.55	33.334		
12,300.00	7,001.00	7,246.90	6,883.20	162.78	42.98	55.37	-6,934.33	-10,495.17	5,718.53	5,543.83	174.71	32.732		
12,400.00	7,001.00	7,250.48	6,886.78	164.06	42.99	56.00	-6,934.31	-10,495.27	5,618.65	5,443.78	174.87	32.130		
12,500.00	7,001.00	7,254.02	6,890.32	165.36	43.00	56.63	-6,934.30	-10,495.36	5,518.76	5,343.72	175.04	31.529		
12,600.00	7,001.00	7,257.52	6,893.82	166.69	43.01	57.26	-6,934.29	-10,495.46	5,418.88	5,243.67	175.21	30.927		
12,700.00	7,001.00	7,260.98	6,897.29	168.05	43.02	57.90	-6,934.29	-10,495.55	5,319.00	5,143.61	175.39	30.326		
12,800.00	7,001.00	7,264.41	6,900.71	169.44	43.02	58.54	-6,934.28	-10,495.64	5,219.12	5,043.54	175.58	29.725		
12,900.00	7,001.00	7,267.79	6,904.09	170.86	43.03	59.17	-6,934.27	-10,495.72	5,119.25	4,943.48	175.77	29.124		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 126-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,000.00	7,001.00	7,271.14	6,907.44	172.30	43.04	59.81	-6,934.26	-10,495.81	5,019.38	4,843.41	175.97	28.524		
13,100.00	7,001.00	7,274.46	6,910.76	173.78	43.05	60.46	-6,934.26	-10,495.90	4,919.52	4,743.33	176.18	27.923		
13,200.00	7,001.00	7,277.74	6,914.03	175.28	43.05	61.10	-6,934.26	-10,495.98	4,819.65	4,643.26	176.40	27.323		
13,300.00	7,001.00	7,280.98	6,917.28	176.80	43.06	61.74	-6,934.25	-10,496.06	4,719.79	4,543.18	176.62	26.723		
13,400.00	7,001.00	7,284.19	6,920.48	178.36	43.07	62.39	-6,934.25	-10,496.14	4,619.94	4,443.09	176.85	26.123		
13,500.00	7,001.00	7,287.36	6,923.66	179.94	43.08	63.03	-6,934.25	-10,496.22	4,520.09	4,343.00	177.09	25.524		
13,600.00	7,001.00	7,290.51	6,926.80	181.55	43.08	63.68	-6,934.25	-10,496.30	4,420.25	4,242.90	177.34	24.925		
13,700.00	7,001.00	7,293.61	6,929.91	183.18	43.09	64.32	-6,934.25	-10,496.38	4,320.41	4,142.80	177.61	24.326		
13,800.00	7,001.00	7,296.69	6,932.98	184.84	43.10	64.97	-6,934.25	-10,496.46	4,220.57	4,042.69	177.88	23.727		
13,900.00	7,001.00	7,299.73	6,936.03	186.52	43.11	65.61	-6,934.25	-10,496.53	4,120.75	3,942.58	178.17	23.128		
14,000.00	7,001.00	7,302.75	6,939.04	188.23	43.11	66.26	-6,934.25	-10,496.60	4,020.93	3,842.46	178.47	22.530		
14,100.00	7,001.00	7,305.73	6,942.02	189.97	43.12	66.91	-6,934.25	-10,496.68	3,921.11	3,742.33	178.78	21.932		
14,200.00	7,001.00	7,308.68	6,944.97	191.72	43.13	67.55	-6,934.25	-10,496.75	3,821.31	3,642.20	179.11	21.335		
14,300.00	7,001.00	7,311.60	6,947.89	193.50	43.13	68.20	-6,934.26	-10,496.82	3,721.51	3,542.05	179.46	20.738		
14,400.00	7,001.00	7,314.49	6,950.78	195.30	43.14	68.84	-6,934.26	-10,496.89	3,621.72	3,441.90	179.82	20.141		
14,500.00	7,001.00	7,317.36	6,953.64	197.13	43.15	69.48	-6,934.26	-10,496.96	3,521.95	3,341.74	180.20	19.544		
14,600.00	7,001.00	7,320.19	6,956.48	198.98	43.15	70.12	-6,934.27	-10,497.02	3,422.18	3,241.57	180.61	18.948		
14,700.00	7,001.00	7,323.00	6,959.28	200.85	43.16	70.76	-6,934.27	-10,497.09	3,322.43	3,141.39	181.04	18.352		
14,800.00	7,001.00	7,325.78	6,962.06	202.73	43.17	71.40	-6,934.28	-10,497.16	3,222.69	3,041.20	181.49	17.757		
14,900.00	7,001.00	7,328.53	6,964.81	204.64	43.17	72.04	-6,934.29	-10,497.22	3,122.96	2,940.99	181.97	17.162		
15,000.00	7,001.00	7,331.25	6,967.53	206.57	43.18	72.68	-6,934.29	-10,497.28	3,023.25	2,840.77	182.48	16.567		
15,100.00	7,001.00	7,333.95	6,970.23	208.52	43.18	73.31	-6,934.30	-10,497.35	2,923.56	2,740.53	183.02	15.974		
15,200.00	7,001.00	7,336.62	6,972.90	210.49	43.19	73.94	-6,934.31	-10,497.41	2,823.88	2,640.28	183.61	15.380		
15,300.00	7,001.00	7,339.26	6,975.54	212.48	43.20	74.57	-6,934.32	-10,497.47	2,724.23	2,540.01	184.23	14.787		
15,400.00	7,001.00	7,341.88	6,978.16	214.48	43.20	75.20	-6,934.33	-10,497.53	2,624.61	2,439.71	184.89	14.195		
15,500.00	7,001.00	7,344.48	6,980.76	216.51	43.21	75.82	-6,934.33	-10,497.59	2,525.00	2,339.39	185.61	13.604		
15,600.00	7,001.00	7,347.05	6,983.33	218.55	43.22	76.45	-6,934.34	-10,497.65	2,425.44	2,239.05	186.39	13.013		
15,700.00	7,001.00	7,349.59	6,985.87	220.60	43.22	77.07	-6,934.35	-10,497.70	2,325.90	2,138.68	187.22	12.423		
15,800.00	7,001.00	7,352.11	6,988.39	222.68	43.23	77.68	-6,934.36	-10,497.76	2,226.40	2,038.27	188.13	11.834		
15,900.00	7,001.00	7,354.68	6,990.95	224.76	43.23	78.31	-6,934.37	-10,497.82	2,126.95	1,937.82	189.13	11.246		
16,000.00	7,001.00	7,357.39	6,993.66	226.87	43.24	78.98	-6,934.39	-10,497.88	2,027.55	1,837.34	190.22	10.659		
16,100.00	7,001.00	7,360.05	6,996.32	228.99	43.25	79.64	-6,934.40	-10,497.94	1,928.21	1,736.80	191.41	10.074		
16,200.00	7,001.00	7,362.66	6,998.94	231.12	43.25	80.30	-6,934.41	-10,497.99	1,828.94	1,636.21	192.73	9.490		
16,300.00	7,001.00	7,365.23	7,001.50	233.27	43.26	80.94	-6,934.43	-10,498.05	1,729.74	1,535.55	194.20	8.907		
16,400.00	7,001.00	7,367.75	7,004.02	235.43	43.26	81.57	-6,934.44	-10,498.10	1,630.65	1,434.81	195.84	8.326		
16,500.00	7,001.00	7,370.22	7,006.49	237.61	43.27	82.19	-6,934.46	-10,498.15	1,531.66	1,333.98	197.68	7.748		
16,600.00	7,001.00	7,372.65	7,008.92	239.79	43.28	82.81	-6,934.47	-10,498.20	1,432.82	1,233.04	199.77	7.172		
16,700.00	7,001.00	7,375.04	7,011.31	242.00	43.28	83.41	-6,934.49	-10,498.25	1,334.14	1,131.98	202.16	6.599		
16,800.00	7,001.00	7,377.38	7,013.65	244.21	43.29	84.01	-6,934.50	-10,498.30	1,235.67	1,030.76	204.91	6.030		
16,900.00	7,001.00	7,379.69	7,015.96	246.43	43.29	84.60	-6,934.52	-10,498.35	1,137.47	929.36	208.11	5.466		
17,000.00	7,001.00	7,381.96	7,018.22	248.67	43.30	85.18	-6,934.54	-10,498.40	1,039.60	827.72	211.88	4.907		
17,100.00	7,001.00	7,384.18	7,020.45	250.92	43.30	85.75	-6,934.55	-10,498.44	942.17	725.80	216.38	4.354		
17,200.00	7,001.00	7,386.37	7,022.64	253.18	43.31	86.31	-6,934.57	-10,498.48	845.35	623.52	221.82	3.811		
17,300.00	7,001.00	7,388.53	7,024.79	255.45	43.31	86.86	-6,934.59	-10,498.53	749.35	520.83	228.52	3.279		
17,400.00	7,001.00	7,390.64	7,026.91	257.73	43.32	87.40	-6,934.61	-10,498.57	654.54	417.64	236.90	2.763		
17,500.00	7,001.00	7,392.73	7,028.99	260.02	43.32	87.94	-6,934.62	-10,498.61	561.53	313.96	247.57	2.268		
17,600.00	7,001.00	7,394.78	7,031.04	262.32	43.33	88.47	-6,934.64	-10,498.65	471.38	210.08	261.29	1.804		
17,700.00	7,001.00	7,396.79	7,033.06	264.63	43.33	88.98	-6,934.66	-10,498.69	386.10	107.41	278.69	1.385 Level 3		
17,800.00	7,001.00	7,398.78	7,035.04	266.95	43.34	89.50	-6,934.68	-10,498.72	309.74	11.15	298.59	1.037 Level 2		
17,900.00	7,001.00	7,400.73	7,036.99	269.28	43.34	90.00	-6,934.70	-10,498.76	250.60	-61.11	311.71	0.804 Level 1		
18,000.00	7,001.00	7,402.65	7,038.92	271.61	43.35	90.49	-6,934.72	-10,498.80	222.84	-69.19	292.03	0.763 Level 1, ES, SF		
18,015.75	7,001.00	7,402.95	7,039.22	271.98	43.35	90.57	-6,934.72	-10,498.80	222.28	-62.06	284.34	0.782 Level 1, CC		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 3-T6N-R67W - EXIST HZ BOWER 15-3 - Wellbore #1 - Wellbore #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 126-MWD												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
18,100.00	7,001.00	7,404.54	7,040.81	273.96	43.35	90.98	-6,934.73	-10,498.83	237.71	8.79	228.91	1.038	Level 2
18,200.00	7,001.00	7,406.41	7,042.67	276.31	43.36	91.46	-6,934.75	-10,498.87	288.69	124.27	164.43	1.756	
18,300.00	7,001.00	7,408.24	7,044.50	278.67	43.36	91.93	-6,934.77	-10,498.90	360.80	235.15	125.66	2.871	
18,400.00	7,001.00	7,410.05	7,046.31	281.04	43.36	92.40	-6,934.79	-10,498.93	443.85	334.23	109.62	4.049	
18,500.00	7,001.00	7,411.82	7,048.09	283.42	43.37	92.86	-6,934.81	-10,498.96	532.75	426.05	106.70	4.993	
18,600.00	7,001.00	7,413.57	7,049.84	285.80	43.37	93.31	-6,934.83	-10,498.99	625.01	515.67	109.34	5.716	
18,700.00	7,001.00	7,415.30	7,051.56	288.19	43.38	93.75	-6,934.85	-10,499.02	719.34	605.66	113.68	6.328	
18,800.00	7,001.00	7,417.00	7,053.26	290.59	43.38	94.19	-6,934.87	-10,499.05	815.01	696.82	118.19	6.896	
18,900.00	7,001.00	7,418.67	7,054.94	293.00	43.39	94.62	-6,934.89	-10,499.08	911.62	789.25	122.37	7.450	
19,000.00	7,001.00	7,420.32	7,056.59	295.41	43.39	95.04	-6,934.91	-10,499.11	1,008.88	882.80	126.08	8.002	
19,100.00	7,001.00	7,421.95	7,058.21	297.83	43.39	95.46	-6,934.93	-10,499.14	1,106.63	977.28	129.34	8.556	
19,200.00	7,001.00	7,423.55	7,059.81	300.25	43.40	95.87	-6,934.95	-10,499.17	1,204.74	1,072.54	132.20	9.113	
19,300.00	7,001.00	7,425.13	7,061.39	302.68	43.40	96.27	-6,934.97	-10,499.19	1,303.14	1,168.44	134.70	9.674	
19,400.00	7,001.00	7,426.69	7,062.95	305.12	43.40	96.67	-6,934.99	-10,499.22	1,401.76	1,264.85	136.91	10.238	
19,500.00	7,001.00	7,428.23	7,064.49	307.56	43.41	97.06	-6,935.01	-10,499.25	1,500.57	1,361.70	138.87	10.805	
19,600.00	7,001.00	7,429.74	7,066.00	310.01	43.41	97.44	-6,935.03	-10,499.27	1,599.52	1,458.90	140.61	11.375	
19,700.00	7,001.00	7,431.23	7,067.49	312.46	43.41	97.82	-6,935.05	-10,499.30	1,698.59	1,556.42	142.18	11.947	
19,800.00	7,001.00	7,432.71	7,068.96	314.92	43.42	98.20	-6,935.07	-10,499.32	1,797.77	1,654.18	143.58	12.521	
19,900.00	7,001.00	7,434.16	7,070.42	317.39	43.42	98.56	-6,935.09	-10,499.34	1,897.03	1,752.17	144.85	13.096	
20,000.00	7,001.00	7,435.59	7,071.85	319.85	43.43	98.93	-6,935.11	-10,499.37	1,996.36	1,850.35	146.01	13.673	
20,100.00	7,001.00	7,437.00	7,073.26	322.33	43.43	99.28	-6,935.12	-10,499.39	2,095.75	1,948.69	147.07	14.250	
20,200.00	7,001.00	7,438.40	7,074.65	324.81	43.43	99.63	-6,935.14	-10,499.41	2,195.20	2,047.17	148.03	14.829	
20,300.00	7,001.00	7,439.77	7,076.03	327.29	43.44	99.98	-6,935.16	-10,499.43	2,294.70	2,145.78	148.92	15.409	
20,400.00	7,001.00	7,441.13	7,077.39	329.78	43.44	100.32	-6,935.18	-10,499.45	2,394.23	2,244.49	149.74	15.989	
20,500.00	7,001.00	7,442.47	7,078.73	332.27	43.44	100.65	-6,935.20	-10,499.47	2,493.81	2,343.31	150.50	16.570	
20,600.00	7,001.00	7,443.79	7,080.05	334.77	43.44	100.99	-6,935.22	-10,499.50	2,593.41	2,442.20	151.21	17.151	
20,700.00	7,001.00	7,445.10	7,081.35	337.27	43.45	101.31	-6,935.24	-10,499.52	2,693.05	2,541.18	151.87	17.733	
20,800.00	7,001.00	7,446.38	7,082.64	339.77	43.45	101.63	-6,935.26	-10,499.53	2,792.71	2,640.23	152.48	18.315	
20,900.00	7,001.00	7,447.66	7,083.91	342.28	43.45	101.95	-6,935.28	-10,499.55	2,892.39	2,739.33	153.05	18.898	
21,000.00	7,001.00	7,448.91	7,085.17	344.79	43.46	102.26	-6,935.30	-10,499.57	2,992.09	2,838.50	153.59	19.481	
21,100.00	7,001.00	7,450.15	7,086.40	347.31	43.46	102.56	-6,935.32	-10,499.59	3,091.81	2,937.71	154.10	20.063	
21,200.00	7,001.00	7,451.37	7,087.63	349.83	43.46	102.87	-6,935.34	-10,499.61	3,191.55	3,036.97	154.58	20.647	
21,300.00	7,001.00	7,452.58	7,088.84	352.35	43.47	103.16	-6,935.36	-10,499.63	3,291.30	3,136.27	155.03	21.230	
21,369.95	7,001.00	7,453.42	7,089.67	354.12	43.47	103.37	-6,935.37	-10,499.64	3,361.09	3,205.76	155.33	21.638	

**Civitas Resources**  
**Anticollision Report**

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design      Sec 5-T6N-R67W - MICKEY 10 - ORIGINAL WELLBORE - WB # 1 - Patterson 346													Offset Site Error:	0.00 usft
Survey Program: 1577-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,000.00	4,221.98	17,476.00	7,264.97	71.44	281.41	88.67	-4,380.04	-11,175.20	10,091.67	9,992.85	98.82	102.120		
6,100.00	4,278.34	17,476.00	7,264.97	72.97	281.41	88.67	-4,380.04	-11,175.20	10,035.25	9,936.09	99.15	101.208		
6,200.00	4,334.69	17,476.00	7,264.97	74.50	281.41	88.67	-4,380.04	-11,175.20	9,979.51	9,879.96	99.55	100.246		
6,300.00	4,391.04	17,476.00	7,264.97	76.03	281.41	88.67	-4,380.04	-11,175.20	9,924.47	9,824.45	100.02	99.225		
6,400.00	4,447.40	17,476.00	7,264.97	77.55	281.41	88.67	-4,380.04	-11,175.20	9,870.13	9,769.56	100.57	98.141		
6,500.00	4,503.75	17,476.00	7,264.97	79.08	281.41	88.67	-4,380.04	-11,175.20	9,816.51	9,715.29	101.21	96.987		
6,600.00	4,560.10	17,476.00	7,264.97	80.61	281.41	88.67	-4,380.04	-11,175.20	9,763.62	9,661.66	101.96	95.756		
6,700.00	4,616.45	17,476.00	7,264.97	82.14	281.41	88.67	-4,380.04	-11,175.20	9,711.47	9,608.64	102.83	94.444		
6,800.00	4,672.81	17,476.00	7,264.97	83.67	281.41	88.67	-4,380.04	-11,175.20	9,660.08	9,556.26	103.82	93.045		
6,900.00	4,729.16	17,476.00	7,264.97	85.20	281.41	88.67	-4,380.04	-11,175.20	9,609.45	9,504.49	104.96	91.556		
7,000.00	4,785.51	17,476.00	7,264.97	86.73	281.41	88.67	-4,380.04	-11,175.20	9,559.60	9,453.36	106.24	89.977		
7,100.00	4,841.86	17,476.00	7,264.97	88.26	281.41	88.67	-4,380.04	-11,175.20	9,510.54	9,402.84	107.70	88.309		
7,200.00	4,898.22	17,476.00	7,264.97	89.79	281.41	88.67	-4,380.04	-11,175.20	9,462.28	9,352.96	109.32	86.555		
7,300.00	4,954.57	17,476.00	7,264.97	91.32	281.41	88.67	-4,380.04	-11,175.20	9,414.84	9,303.72	111.12	84.723		
7,400.00	5,010.92	17,476.00	7,264.97	92.85	281.41	88.67	-4,380.04	-11,175.20	9,368.22	9,255.11	113.11	82.824		
7,500.00	5,067.28	17,476.00	7,264.97	94.38	281.41	88.67	-4,380.04	-11,175.20	9,322.45	9,207.17	115.28	80.868		
7,600.00	5,123.63	17,476.00	7,264.97	95.91	281.41	88.67	-4,380.04	-11,175.20	9,277.52	9,159.90	117.63	78.871		
7,700.00	5,179.98	17,476.00	7,264.97	97.44	281.41	88.67	-4,380.04	-11,175.20	9,233.47	9,113.31	120.16	76.846		
7,800.00	5,236.33	17,476.00	7,264.97	98.97	281.41	88.67	-4,380.04	-11,175.20	9,190.28	9,067.43	122.85	74.809		
7,900.00	5,292.69	17,476.00	7,264.97	100.50	281.41	88.67	-4,380.04	-11,175.20	9,147.99	9,022.29	125.70	72.774		
8,000.00	5,349.04	17,476.00	7,264.97	102.03	281.41	88.67	-4,380.04	-11,175.20	9,106.60	8,977.89	128.71	70.754		
8,100.00	5,405.39	17,476.00	7,264.97	103.56	281.41	88.67	-4,380.04	-11,175.20	9,066.12	8,934.27	131.85	68.760		
8,200.00	5,461.74	17,476.00	7,264.97	105.09	281.41	88.67	-4,380.04	-11,175.20	9,026.57	8,891.45	135.12	66.803		
8,300.00	5,518.10	17,476.00	7,264.97	106.62	281.41	88.67	-4,380.04	-11,175.20	8,987.96	8,849.45	138.51	64.890		
8,400.00	5,574.45	17,476.00	7,264.97	108.15	281.41	88.67	-4,380.04	-11,175.20	8,950.30	8,808.29	142.01	63.028		
8,500.00	5,630.80	17,476.00	7,264.97	109.68	281.41	88.67	-4,380.04	-11,175.20	8,913.60	8,768.00	145.60	61.220		
8,600.00	5,687.16	17,476.00	7,264.97	111.21	281.41	88.67	-4,380.04	-11,175.20	8,877.87	8,728.59	149.28	59.471		
8,700.00	5,743.51	17,476.00	7,264.97	112.75	281.41	88.67	-4,380.04	-11,175.20	8,843.14	8,690.09	153.04	57.782		
8,800.00	5,799.86	17,476.00	7,264.97	114.28	281.41	88.67	-4,380.04	-11,175.20	8,809.40	8,652.52	156.88	56.155		
8,900.00	5,856.21	17,476.00	7,264.97	115.81	281.41	88.67	-4,380.04	-11,175.20	8,776.67	8,615.89	160.78	54.589		
9,000.00	5,912.57	17,476.00	7,264.97	117.34	281.41	88.67	-4,380.04	-11,175.20	8,744.96	8,580.23	164.73	53.085		
9,100.00	5,968.92	17,476.00	7,264.97	118.87	281.41	88.67	-4,380.04	-11,175.20	8,714.28	8,545.54	168.74	51.642		
9,200.00	6,025.27	17,476.00	7,264.97	120.40	281.41	88.67	-4,380.04	-11,175.20	8,684.65	8,511.85	172.80	50.258		
9,300.00	6,081.63	17,476.00	7,264.97	121.93	281.41	88.67	-4,380.04	-11,175.20	8,656.07	8,479.17	176.90	48.932		
9,400.00	6,137.98	17,476.00	7,264.97	123.46	281.41	88.67	-4,380.04	-11,175.20	8,628.56	8,447.52	181.04	47.662		
9,500.00	6,194.33	17,476.00	7,264.97	125.00	281.41	88.67	-4,380.04	-11,175.20	8,602.12	8,416.91	185.20	46.447		
9,600.00	6,250.68	17,476.00	7,264.97	126.53	281.41	88.67	-4,380.04	-11,175.20	8,576.76	8,387.36	189.40	45.284		
9,700.00	6,307.04	17,476.00	7,264.97	128.06	281.41	88.67	-4,380.04	-11,175.20	8,552.50	8,358.88	193.62	44.171		
9,800.00	6,363.39	17,476.00	7,264.97	129.59	281.41	88.67	-4,380.04	-11,175.20	8,529.34	8,331.48	197.86	43.108		
9,900.00	6,419.74	17,476.00	7,264.97	131.12	281.41	88.67	-4,380.04	-11,175.20	8,507.30	8,305.18	202.12	42.091		
10,000.00	6,476.09	17,476.00	7,264.97	132.65	281.41	88.67	-4,380.04	-11,175.20	8,486.37	8,279.98	206.39	41.118		
10,100.00	6,532.45	17,476.00	7,264.97	134.18	281.41	88.67	-4,380.04	-11,175.20	8,466.58	8,255.91	210.67	40.189		
10,200.00	6,588.80	17,476.00	7,264.97	135.72	281.41	88.67	-4,380.04	-11,175.20	8,447.92	8,232.97	214.95	39.301		
10,300.00	6,645.15	17,476.00	7,264.97	137.25	281.41	88.67	-4,380.04	-11,175.20	8,430.41	8,211.16	219.24	38.452		
10,400.00	6,701.51	17,476.00	7,264.97	138.78	281.41	88.67	-4,380.04	-11,175.20	8,414.05	8,190.52	223.53	37.641		
10,500.00	6,757.86	17,476.00	7,264.97	140.31	281.41	88.67	-4,380.04	-11,175.20	8,398.85	8,171.03	227.82	36.866		
10,600.00	6,813.28	17,476.00	7,264.97	141.87	281.41	84.68	-4,380.04	-11,175.20	8,380.92	8,148.81	232.11	36.107		
10,700.00	6,864.12	17,476.00	7,264.97	143.49	281.41	80.01	-4,380.04	-11,175.20	8,348.56	8,112.17	236.39	35.317		
10,800.00	6,908.67	17,476.00	7,264.97	145.14	281.41	76.94	-4,380.04	-11,175.20	8,301.72	8,061.20	240.53	34.515		
10,900.00	6,945.58	17,476.00	7,264.97	146.73	281.41	75.70	-4,380.04	-11,175.20	8,241.60	7,997.20	244.41	33.721		
11,000.00	6,973.71	17,476.00	7,264.97	148.22	281.41	76.74	-4,380.04	-11,175.20	8,169.75	7,921.85	247.91	32.955		
11,100.00	6,992.22	17,476.00	7,264.97	149.55	281.41	81.05	-4,380.04	-11,175.20	8,088.08	7,837.16	250.92	32.233		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1577-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,200.00	7,000.54	17,476.00	7,264.97	150.69	281.41	91.10	-4,380.04	-11,175.20	7,998.81	7,745.46	253.35	31.573		
11,300.00	7,001.00	17,476.00	7,264.97	151.65	281.41	95.94	-4,380.04	-11,175.20	7,905.38	7,650.10	255.28	30.968		
11,400.00	7,001.00	17,476.00	7,264.97	152.64	281.41	95.94	-4,380.04	-11,175.20	7,811.90	7,554.67	257.22	30.370		
11,500.00	7,001.00	17,476.00	7,264.97	153.65	281.41	95.94	-4,380.04	-11,175.20	7,718.58	7,459.36	259.21	29.777		
11,600.00	7,001.00	17,476.00	7,264.97	154.69	281.41	95.94	-4,380.04	-11,175.20	7,625.43	7,364.18	261.25	29.188		
11,700.00	7,001.00	17,476.00	7,264.97	155.76	281.41	95.94	-4,380.04	-11,175.20	7,532.46	7,269.12	263.34	28.604		
11,800.00	7,001.00	17,476.00	7,264.97	156.85	281.41	95.94	-4,380.04	-11,175.20	7,439.67	7,174.19	265.48	28.024		
11,900.00	7,001.00	17,476.00	7,264.97	157.98	281.41	95.94	-4,380.04	-11,175.20	7,347.06	7,079.40	267.67	27.449		
12,000.00	7,001.00	17,476.00	7,264.97	159.14	281.41	95.94	-4,380.04	-11,175.20	7,254.66	6,984.75	269.91	26.878		
12,100.00	7,001.00	17,476.00	7,264.97	160.32	281.41	95.94	-4,380.04	-11,175.20	7,162.46	6,890.25	272.21	26.313		
12,200.00	7,001.00	17,476.00	7,264.97	161.54	281.41	95.94	-4,380.04	-11,175.20	7,070.47	6,795.91	274.56	25.752		
12,300.00	7,001.00	17,476.00	7,264.97	162.78	281.41	95.94	-4,380.04	-11,175.20	6,978.70	6,701.72	276.98	25.196		
12,400.00	7,001.00	17,476.00	7,264.97	164.06	281.41	95.94	-4,380.04	-11,175.20	6,887.16	6,607.71	279.45	24.645		
12,500.00	7,001.00	17,476.00	7,264.97	165.36	281.41	95.94	-4,380.04	-11,175.20	6,795.86	6,513.87	281.99	24.100		
12,600.00	7,001.00	17,476.00	7,264.97	166.69	281.41	95.94	-4,380.04	-11,175.20	6,704.81	6,420.22	284.59	23.560		
12,700.00	7,001.00	17,476.00	7,264.97	168.05	281.41	95.94	-4,380.04	-11,175.20	6,614.01	6,326.75	287.26	23.025		
12,800.00	7,001.00	17,476.00	7,264.97	169.44	281.41	95.94	-4,380.04	-11,175.20	6,523.49	6,233.49	289.99	22.495		
12,900.00	7,001.00	17,476.00	7,264.97	170.86	281.41	95.94	-4,380.04	-11,175.20	6,433.24	6,140.44	292.80	21.971		
13,000.00	7,001.00	17,476.00	7,264.97	172.30	281.41	95.94	-4,380.04	-11,175.20	6,343.29	6,047.61	295.68	21.453		
13,100.00	7,001.00	17,476.00	7,264.97	173.78	281.41	95.94	-4,380.04	-11,175.20	6,253.64	5,955.01	298.64	20.940		
13,200.00	7,001.00	17,476.00	7,264.97	175.28	281.41	95.94	-4,380.04	-11,175.20	6,164.32	5,862.64	301.67	20.434		
13,300.00	7,001.00	17,476.00	7,264.97	176.80	281.41	95.94	-4,380.04	-11,175.20	6,075.32	5,770.53	304.79	19.933		
13,400.00	7,001.00	17,476.00	7,264.97	178.36	281.41	95.94	-4,380.04	-11,175.20	5,986.67	5,678.69	307.98	19.438		
13,500.00	7,001.00	17,476.00	7,264.97	179.94	281.41	95.94	-4,380.04	-11,175.20	5,898.39	5,587.12	311.26	18.950		
13,600.00	7,001.00	17,476.00	7,264.97	181.55	281.41	95.94	-4,380.04	-11,175.20	5,810.48	5,495.85	314.63	18.468		
13,700.00	7,001.00	17,476.00	7,264.97	183.18	281.41	95.94	-4,380.04	-11,175.20	5,722.97	5,404.88	318.09	17.992		
13,800.00	7,001.00	17,476.00	7,264.97	184.84	281.41	95.94	-4,380.04	-11,175.20	5,635.88	5,314.24	321.64	17.522		
13,900.00	7,001.00	17,476.00	7,264.97	186.52	281.41	95.94	-4,380.04	-11,175.20	5,549.22	5,223.94	325.29	17.060		
14,000.00	7,001.00	17,476.00	7,264.97	188.23	281.41	95.94	-4,380.04	-11,175.20	5,463.02	5,133.99	329.03	16.603		
14,100.00	7,001.00	17,476.00	7,264.97	189.97	281.41	95.94	-4,380.04	-11,175.20	5,377.30	5,044.43	332.87	16.154		
14,200.00	7,001.00	17,476.00	7,264.97	191.72	281.41	95.94	-4,380.04	-11,175.20	5,292.08	4,955.26	336.82	15.712		
14,300.00	7,001.00	17,476.00	7,264.97	193.50	281.41	95.94	-4,380.04	-11,175.20	5,207.38	4,866.51	340.87	15.277		
14,400.00	7,001.00	17,476.00	7,264.97	195.30	281.41	95.94	-4,380.04	-11,175.20	5,123.23	4,778.20	345.03	14.849		
14,500.00	7,001.00	17,476.00	7,264.97	197.13	281.41	95.94	-4,380.04	-11,175.20	5,039.67	4,690.37	349.30	14.428		
14,600.00	7,001.00	17,476.00	7,264.97	198.98	281.41	95.94	-4,380.04	-11,175.20	4,956.71	4,603.03	353.68	14.015		
14,700.00	7,001.00	17,476.00	7,264.97	200.85	281.41	95.94	-4,380.04	-11,175.20	4,874.39	4,516.22	358.17	13.609		
14,800.00	7,001.00	17,476.00	7,264.97	202.73	281.41	95.94	-4,380.04	-11,175.20	4,792.75	4,429.96	362.79	13.211		
14,900.00	7,001.00	17,476.00	7,264.97	204.64	281.41	95.94	-4,380.04	-11,175.20	4,711.81	4,344.30	367.51	12.821		
15,000.00	7,001.00	17,476.00	7,264.97	206.57	281.41	95.94	-4,380.04	-11,175.20	4,631.62	4,259.26	372.36	12.439		
15,100.00	7,001.00	17,476.00	7,264.97	208.52	281.41	95.94	-4,380.04	-11,175.20	4,552.21	4,174.88	377.33	12.064		
15,200.00	7,001.00	17,476.00	7,264.97	210.49	281.41	95.94	-4,380.04	-11,175.20	4,473.63	4,091.21	382.42	11.698		
15,300.00	7,001.00	17,476.00	7,264.97	212.48	281.41	95.94	-4,380.04	-11,175.20	4,395.91	4,008.29	387.62	11.341		
15,400.00	7,001.00	17,476.00	7,264.97	214.48	281.41	95.94	-4,380.04	-11,175.20	4,319.12	3,926.17	392.95	10.992		
15,500.00	7,001.00	17,476.00	7,264.97	216.51	281.41	95.94	-4,380.04	-11,175.20	4,243.29	3,844.90	398.39	10.651		
15,600.00	7,001.00	17,476.00	7,264.97	218.55	281.41	95.94	-4,380.04	-11,175.20	4,168.48	3,764.53	403.95	10.319		
15,700.00	7,001.00	17,476.00	7,264.97	220.60	281.41	95.94	-4,380.04	-11,175.20	4,094.75	3,685.12	409.63	9.996		
15,800.00	7,001.00	17,476.00	7,264.97	222.68	281.41	95.94	-4,380.04	-11,175.20	4,022.15	3,606.74	415.41	9.682		
15,900.00	7,001.00	17,476.00	7,264.97	224.76	281.41	95.94	-4,380.04	-11,175.20	3,950.75	3,529.45	421.30	9.378		
16,000.00	7,001.00	17,476.00	7,264.97	226.87	281.41	95.94	-4,380.04	-11,175.20	3,880.61	3,453.33	427.28	9.082		
16,100.00	7,001.00	17,476.00	7,264.97	228.99	281.41	95.94	-4,380.04	-11,175.20	3,811.81	3,378.45	433.35	8.796		
16,200.00	7,001.00	17,476.00	7,264.97	231.12	281.41	95.94	-4,380.04	-11,175.20	3,744.41	3,304.91	439.50	8.520		
16,300.00	7,001.00	17,476.00	7,264.97	233.27	281.41	95.94	-4,380.04	-11,175.20	3,678.49	3,232.77	445.72	8.253		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1577-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,400.00	7,001.00	17,476.00	7,264.97	235.43	281.41	95.94	-4,380.04	-11,175.20	3,614.15	3,162.15	451.99	7.996		
16,500.00	7,001.00	17,476.00	7,264.97	237.61	281.41	95.94	-4,380.04	-11,175.20	3,551.45	3,093.15	458.30	7.749		
16,600.00	7,001.00	17,476.00	7,264.97	239.79	281.41	95.94	-4,380.04	-11,175.20	3,490.49	3,025.86	464.63	7.512		
16,700.00	7,001.00	17,476.00	7,264.97	242.00	281.41	95.94	-4,380.04	-11,175.20	3,431.36	2,960.40	470.96	7.286		
16,800.00	7,001.00	17,476.00	7,264.97	244.21	281.41	95.94	-4,380.04	-11,175.20	3,374.16	2,896.90	477.26	7.070		
16,900.00	7,001.00	17,476.00	7,264.97	246.43	281.41	95.94	-4,380.04	-11,175.20	3,318.99	2,835.48	483.51	6.864		
17,000.00	7,001.00	17,476.00	7,264.97	248.67	281.41	95.94	-4,380.04	-11,175.20	3,265.95	2,776.27	489.68	6.670		
17,100.00	7,001.00	17,476.00	7,264.97	250.92	281.41	95.94	-4,380.04	-11,175.20	3,215.14	2,719.41	495.74	6.486		
17,200.00	7,001.00	17,476.00	7,264.97	253.18	281.41	95.94	-4,380.04	-11,175.20	3,166.68	2,665.03	501.65	6.313		
17,300.00	7,001.00	17,476.00	7,264.97	255.45	281.41	95.94	-4,380.04	-11,175.20	3,120.67	2,613.30	507.37	6.151		
17,400.00	7,001.00	17,476.00	7,264.97	257.73	281.41	95.94	-4,380.04	-11,175.20	3,077.23	2,564.35	512.87	6.000		
17,500.00	7,001.00	17,476.00	7,264.97	260.02	281.41	95.94	-4,380.04	-11,175.20	3,036.45	2,518.35	518.11	5.861		
17,600.00	7,001.00	17,476.00	7,264.97	262.32	281.41	95.94	-4,380.04	-11,175.20	2,998.46	2,475.43	523.03	5.733		
17,700.00	7,001.00	17,476.00	7,264.97	264.63	281.41	95.94	-4,380.04	-11,175.20	2,963.36	2,435.76	527.60	5.617		
17,800.00	7,001.00	17,476.00	7,264.97	266.95	281.41	95.94	-4,380.04	-11,175.20	2,931.25	2,399.47	531.78	5.512		
17,900.00	7,001.00	17,476.00	7,264.97	269.28	281.41	95.94	-4,380.04	-11,175.20	2,902.23	2,366.72	535.51	5.420		
18,000.00	7,001.00	17,476.00	7,264.97	271.61	281.41	95.94	-4,380.04	-11,175.20	2,876.40	2,337.64	538.76	5.339		
18,100.00	7,001.00	17,476.00	7,264.97	273.96	281.41	95.94	-4,380.04	-11,175.20	2,853.84	2,312.36	541.48	5.270		
18,200.00	7,001.00	17,476.00	7,264.97	276.31	281.41	95.94	-4,380.04	-11,175.20	2,834.63	2,290.99	543.64	5.214		
18,300.00	7,001.00	17,476.00	7,264.97	278.67	281.41	95.94	-4,380.04	-11,175.20	2,818.84	2,273.63	545.21	5.170		
18,400.00	7,001.00	17,476.00	7,264.97	281.04	281.41	95.94	-4,380.04	-11,175.20	2,806.53	2,260.36	546.17	5.139		
18,500.00	7,001.00	17,476.00	7,264.97	283.42	281.41	95.94	-4,380.04	-11,175.20	2,797.73	2,251.25	546.48	5.120		
18,600.00	7,001.00	17,469.15	7,264.92	285.80	281.22	95.94	-4,380.27	-11,182.05	2,792.49	2,246.30	546.18	5.113		
18,700.00	7,001.00	17,385.89	7,264.30	288.19	278.97	95.94	-4,383.10	-11,265.26	2,788.91	2,242.87	546.04	5.108		
18,800.00	7,001.00	17,311.83	7,263.73	290.59	276.97	95.93	-4,384.77	-11,339.30	2,786.38	2,240.58	545.80	5.105		
18,900.00	7,001.00	17,199.34	7,263.66	293.00	273.93	95.93	-4,387.04	-11,451.76	2,784.24	2,238.38	545.85	5.101		
19,000.00	7,001.00	17,097.15	7,264.82	295.41	271.17	95.96	-4,389.82	-11,553.91	2,781.48	2,235.67	545.81	5.096		
19,100.00	7,001.00	17,013.15	7,265.36	297.83	268.90	95.98	-4,391.81	-11,637.88	2,779.03	2,233.41	545.63	5.093		
19,200.00	7,001.00	16,912.93	7,265.27	300.25	266.19	95.98	-4,393.68	-11,738.08	2,777.00	2,231.41	545.59	5.090		
19,300.00	7,001.00	16,840.95	7,264.27	302.68	264.24	95.96	-4,394.75	-11,810.05	2,775.26	2,229.97	545.30	5.089		
19,390.94	7,001.00	16,782.61	7,263.03	304.90	262.66	95.94	-4,394.84	-11,868.37	2,774.77	2,229.87	544.90	5.092		
19,400.00	7,001.00	16,776.85	7,262.92	305.12	262.50	95.94	-4,394.81	-11,874.13	2,774.78	2,229.92	544.86	5.093		
19,500.00	7,001.00	16,705.00	7,262.25	307.56	260.55	95.92	-4,393.97	-11,945.97	2,775.63	2,231.18	544.44	5.098		
19,600.00	7,001.00	16,597.51	7,260.04	310.01	257.64	95.87	-4,392.12	-12,053.41	2,776.98	2,232.44	544.54	5.100		
19,700.00	7,001.00	16,422.00	7,247.00	312.46	252.90	95.60	-4,391.85	-12,228.39	2,775.98	2,230.45	545.54	5.089		
19,800.00	7,001.00	16,331.33	7,236.34	314.92	250.47	95.39	-4,392.71	-12,318.42	2,773.80	2,228.26	545.54	5.084		
19,900.00	7,001.00	16,264.51	7,228.64	317.39	248.67	95.23	-4,392.44	-12,384.80	2,772.98	2,227.74	545.24	5.086		
19,937.24	7,001.00	16,233.00	7,225.06	318.30	247.82	95.15	-4,392.04	-12,416.10	2,772.99	2,227.80	545.19	5.086		
20,000.00	7,001.00	16,179.86	7,219.21	319.85	246.39	95.03	-4,391.24	-12,468.91	2,773.20	2,228.09	545.11	5.087		
20,100.00	7,001.00	16,044.00	7,206.90	322.33	242.73	94.78	-4,390.18	-12,604.19	2,773.07	2,227.45	545.63	5.082		
20,189.65	7,001.00	15,979.59	7,203.32	324.55	240.99	94.70	-4,390.15	-12,668.50	2,772.59	2,227.25	545.34	5.084		
20,200.00	7,001.00	15,972.64	7,203.02	324.81	240.80	94.70	-4,390.11	-12,675.44	2,772.60	2,227.30	545.30	5.085		
20,300.00	7,001.00	15,835.37	7,199.32	327.29	237.09	94.62	-4,390.01	-12,812.66	2,772.37	2,226.64	545.73	5.080		
20,400.00	7,001.00	15,724.09	7,197.63	329.78	234.08	94.59	-4,391.30	-12,923.92	2,770.93	2,225.10	545.83	5.077		
20,500.00	7,001.00	15,571.00	7,190.66	332.27	229.94	94.45	-4,394.04	-13,076.82	2,768.77	2,222.50	546.27	5.069		
20,600.00	7,001.00	15,517.45	7,188.15	334.77	228.50	94.40	-4,395.22	-13,130.30	2,766.05	2,220.12	545.93	5.067 SF		
20,692.85	7,001.00	15,476.00	7,186.33	337.09	227.38	94.36	-4,395.51	-13,171.71	2,765.08	2,219.71	545.38	5.070 CC, ES		
20,700.00	7,001.00	15,476.00	7,186.33	337.27	227.38	94.36	-4,395.51	-13,171.71	2,765.09	2,219.81	545.28	5.071		
20,800.00	7,001.00	15,406.97	7,183.89	339.77	225.51	94.31	-4,394.91	-13,240.69	2,765.65	2,220.80	544.85	5.076		
20,900.00	7,001.00	15,316.99	7,182.23	342.28	223.07	94.27	-4,392.96	-13,330.63	2,767.47	2,222.78	544.69	5.081		
21,000.00	7,001.00	15,213.18	7,181.04	344.79	220.26	94.25	-4,391.02	-13,434.41	2,769.09	2,224.35	544.73	5.083		
21,100.00	7,001.00	15,125.09	7,178.04	347.31	217.88	94.18	-4,389.08	-13,522.43	2,770.86	2,226.32	544.55	5.088		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 5-T6N-R67W - MICKEY 10 - ORIGINAL WELLBORE - WB # 1 - Patterson 346												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 1577-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
21,200.00	7,001.00	14,969.72	7,172.07	349.83	213.67	94.06	-4,387.04	-13,677.66	2,771.65	2,226.29	545.36	5.082	
21,300.00	7,001.00	14,895.95	7,168.42	352.35	211.68	93.98	-4,386.27	-13,751.34	2,772.17	2,227.15	545.02	5.086	
21,369.95	7,001.00	14,842.66	7,166.31	354.12	210.24	93.94	-4,385.35	-13,804.58	2,773.08	2,228.30	544.78	5.090	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1576-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,900.00	4,165.63	17,312.00	7,020.41	69.91	282.00	86.69	-4,542.31	-11,163.76	10,082.42	9,981.83	100.59	100.231		
6,000.00	4,221.98	17,312.00	7,020.41	71.44	282.00	86.69	-4,542.31	-11,163.76	10,025.15	9,924.47	100.68	99.575		
6,100.00	4,278.34	17,312.00	7,020.41	72.97	282.00	86.69	-4,542.31	-11,163.76	9,968.55	9,867.75	100.80	98.891		
6,200.00	4,334.69	17,312.00	7,020.41	74.50	282.00	86.69	-4,542.31	-11,163.76	9,912.64	9,811.67	100.97	98.174		
6,300.00	4,391.04	17,312.00	7,020.41	76.03	282.00	86.69	-4,542.31	-11,163.76	9,857.43	9,756.24	101.19	97.418		
6,400.00	4,447.40	17,312.00	7,020.41	77.55	282.00	86.69	-4,542.31	-11,163.76	9,802.93	9,701.46	101.46	96.618		
6,500.00	4,503.75	17,312.00	7,020.41	79.08	282.00	86.69	-4,542.31	-11,163.76	9,749.14	9,647.34	101.80	95.766		
6,600.00	4,560.10	17,312.00	7,020.41	80.61	282.00	86.69	-4,542.31	-11,163.76	9,696.09	9,593.87	102.22	94.855		
6,700.00	4,616.45	17,312.00	7,020.41	82.14	282.00	86.69	-4,542.31	-11,163.76	9,643.79	9,541.06	102.73	93.877		
6,800.00	4,672.81	17,312.00	7,020.41	83.67	282.00	86.69	-4,542.31	-11,163.76	9,592.24	9,488.90	103.34	92.824		
6,900.00	4,729.16	17,312.00	7,020.41	85.20	282.00	86.69	-4,542.31	-11,163.76	9,541.46	9,437.40	104.07	91.687		
7,000.00	4,785.51	17,312.00	7,020.41	86.73	282.00	86.69	-4,542.31	-11,163.76	9,491.47	9,386.54	104.93	90.459		
7,100.00	4,841.86	17,312.00	7,020.41	88.26	282.00	86.69	-4,542.31	-11,163.76	9,442.27	9,336.33	105.93	89.134		
7,200.00	4,898.22	17,312.00	7,020.41	89.79	282.00	86.69	-4,542.31	-11,163.76	9,393.87	9,286.77	107.11	87.707		
7,300.00	4,954.57	17,312.00	7,020.41	91.32	282.00	86.69	-4,542.31	-11,163.76	9,346.30	9,237.84	108.46	86.176		
7,400.00	5,010.92	17,312.00	7,020.41	92.85	282.00	86.69	-4,542.31	-11,163.76	9,299.56	9,189.56	110.00	84.543		
7,500.00	5,067.28	17,312.00	7,020.41	94.38	282.00	86.69	-4,542.31	-11,163.76	9,253.66	9,141.92	111.74	82.813		
7,600.00	5,123.63	17,312.00	7,020.41	95.91	282.00	86.69	-4,542.31	-11,163.76	9,208.62	9,094.93	113.69	80.997		
7,700.00	5,179.98	17,312.00	7,020.41	97.44	282.00	86.69	-4,542.31	-11,163.76	9,164.44	9,048.60	115.85	79.108		
7,800.00	5,236.33	17,312.00	7,020.41	98.97	282.00	86.69	-4,542.31	-11,163.76	9,121.16	9,002.95	118.21	77.161		
7,900.00	5,292.69	17,312.00	7,020.41	100.50	282.00	86.69	-4,542.31	-11,163.76	9,078.76	8,957.99	120.77	75.175		
8,000.00	5,349.04	17,312.00	7,020.41	102.03	282.00	86.69	-4,542.31	-11,163.76	9,037.28	8,913.76	123.52	73.166		
8,100.00	5,405.39	17,312.00	7,020.41	103.56	282.00	86.69	-4,542.31	-11,163.76	8,996.71	8,870.27	126.44	71.153		
8,200.00	5,461.74	17,312.00	7,020.41	105.09	282.00	86.69	-4,542.31	-11,163.76	8,957.08	8,827.55	129.53	69.151		
8,300.00	5,518.10	17,312.00	7,020.41	106.62	282.00	86.69	-4,542.31	-11,163.76	8,918.39	8,785.62	132.77	67.174		
8,400.00	5,574.45	17,312.00	7,020.41	108.15	282.00	86.69	-4,542.31	-11,163.76	8,880.66	8,744.52	136.14	65.233		
8,500.00	5,630.80	17,312.00	7,020.41	109.68	282.00	86.69	-4,542.31	-11,163.76	8,843.90	8,704.27	139.63	63.338		
8,600.00	5,687.16	17,312.00	7,020.41	111.21	282.00	86.69	-4,542.31	-11,163.76	8,808.12	8,664.89	143.23	61.495		
8,700.00	5,743.51	17,312.00	7,020.41	112.75	282.00	86.69	-4,542.31	-11,163.76	8,773.34	8,626.40	146.93	59.710		
8,800.00	5,799.86	17,312.00	7,020.41	114.28	282.00	86.69	-4,542.31	-11,163.76	8,739.56	8,588.84	150.72	57.985		
8,900.00	5,856.21	17,312.00	7,020.41	115.81	282.00	86.69	-4,542.31	-11,163.76	8,706.80	8,552.21	154.59	56.323		
9,000.00	5,912.57	17,312.00	7,020.41	117.34	282.00	86.69	-4,542.31	-11,163.76	8,675.06	8,516.54	158.52	54.725		
9,100.00	5,968.92	17,312.00	7,020.41	118.87	282.00	86.69	-4,542.31	-11,163.76	8,644.37	8,481.85	162.52	53.190		
9,200.00	6,025.27	17,312.00	7,020.41	120.40	282.00	86.69	-4,542.31	-11,163.76	8,614.73	8,448.16	166.57	51.719		
9,300.00	6,081.63	17,312.00	7,020.41	121.93	282.00	86.69	-4,542.31	-11,163.76	8,586.15	8,415.49	170.67	50.309		
9,400.00	6,137.98	17,312.00	7,020.41	123.46	282.00	86.69	-4,542.31	-11,163.76	8,558.65	8,383.84	174.81	48.960		
9,500.00	6,194.33	17,312.00	7,020.41	125.00	282.00	86.69	-4,542.31	-11,163.76	8,532.23	8,353.24	178.99	47.670		
9,600.00	6,250.68	17,312.00	7,020.41	126.53	282.00	86.69	-4,542.31	-11,163.76	8,506.90	8,323.70	183.20	46.436		
9,700.00	6,307.04	17,312.00	7,020.41	128.06	282.00	86.69	-4,542.31	-11,163.76	8,482.68	8,295.24	187.43	45.257		
9,800.00	6,363.39	17,312.00	7,020.41	129.59	282.00	86.69	-4,542.31	-11,163.76	8,459.56	8,267.87	191.69	44.131		
9,900.00	6,419.74	17,312.00	7,020.41	131.12	282.00	86.69	-4,542.31	-11,163.76	8,437.57	8,241.60	195.97	43.055		
10,000.00	6,476.09	17,312.00	7,020.41	132.65	282.00	86.69	-4,542.31	-11,163.76	8,416.72	8,216.45	200.26	42.028		
10,100.00	6,532.45	17,312.00	7,020.41	134.18	282.00	86.69	-4,542.31	-11,163.76	8,397.00	8,192.43	204.57	41.048		
10,200.00	6,588.80	17,312.00	7,020.41	135.72	282.00	86.69	-4,542.31	-11,163.76	8,378.42	8,169.54	208.88	40.111		
10,300.00	6,645.15	17,312.00	7,020.41	137.25	282.00	86.69	-4,542.31	-11,163.76	8,361.00	8,147.81	213.20	39.217		
10,400.00	6,701.51	17,312.00	7,020.41	138.78	282.00	86.69	-4,542.31	-11,163.76	8,344.75	8,127.24	217.51	38.364		
10,500.00	6,757.86	17,312.00	7,020.41	140.31	282.00	86.69	-4,542.31	-11,163.76	8,329.66	8,107.83	221.83	37.550		
10,600.00	6,813.28	17,312.00	7,020.41	141.87	282.00	82.66	-4,542.31	-11,163.76	8,311.83	8,085.68	226.15	36.754		
10,700.00	6,864.12	17,312.00	7,020.41	143.49	282.00	77.87	-4,542.31	-11,163.76	8,279.45	8,049.01	230.44	35.929		
10,800.00	6,908.67	17,312.00	7,020.41	145.14	282.00	74.60	-4,542.31	-11,163.76	8,232.47	7,997.89	234.58	35.095		
10,900.00	6,945.58	17,312.00	7,020.41	146.73	282.00	73.06	-4,542.31	-11,163.76	8,172.08	7,933.63	238.45	34.272		
11,000.00	6,973.71	17,312.00	7,020.41	148.22	282.00	73.63	-4,542.31	-11,163.76	8,099.84	7,857.92	241.92	33.481		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1576-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,100.00	6,992.22	17,312.00	7,020.41	149.55	282.00	77.26	-4,542.31	-11,163.76	8,017.66	7,772.76	244.90	32.739		
11,200.00	7,000.54	17,312.00	7,020.41	150.69	282.00	86.38	-4,542.31	-11,163.76	7,927.77	7,680.50	247.27	32.061		
11,300.00	7,001.00	17,312.00	7,020.41	151.65	282.00	90.97	-4,542.31	-11,163.76	7,833.64	7,584.50	249.14	31.442		
11,400.00	7,001.00	17,312.00	7,020.41	152.64	282.00	90.97	-4,542.31	-11,163.76	7,739.45	7,488.42	251.03	30.831		
11,500.00	7,001.00	17,312.00	7,020.41	153.65	282.00	90.97	-4,542.31	-11,163.76	7,645.40	7,392.44	252.95	30.224		
11,600.00	7,001.00	17,312.00	7,020.41	154.69	282.00	90.97	-4,542.31	-11,163.76	7,551.50	7,296.57	254.93	29.622		
11,700.00	7,001.00	17,312.00	7,020.41	155.76	282.00	90.97	-4,542.31	-11,163.76	7,457.76	7,200.81	256.95	29.024		
11,800.00	7,001.00	17,312.00	7,020.41	156.85	282.00	90.97	-4,542.31	-11,163.76	7,364.19	7,105.16	259.03	28.430		
11,900.00	7,001.00	17,312.00	7,020.41	157.98	282.00	90.97	-4,542.31	-11,163.76	7,270.79	7,009.64	261.15	27.841		
12,000.00	7,001.00	17,312.00	7,020.41	159.14	282.00	90.97	-4,542.31	-11,163.76	7,177.57	6,914.23	263.33	27.257		
12,100.00	7,001.00	17,312.00	7,020.41	160.32	282.00	90.97	-4,542.31	-11,163.76	7,084.53	6,818.96	265.57	26.677		
12,200.00	7,001.00	17,312.00	7,020.41	161.54	282.00	90.97	-4,542.31	-11,163.76	6,991.68	6,723.82	267.86	26.102		
12,300.00	7,001.00	17,312.00	7,020.41	162.78	282.00	90.97	-4,542.31	-11,163.76	6,899.03	6,628.83	270.21	25.532		
12,400.00	7,001.00	17,312.00	7,020.41	164.06	282.00	90.97	-4,542.31	-11,163.76	6,806.59	6,533.98	272.62	24.968		
12,500.00	7,001.00	17,312.00	7,020.41	165.36	282.00	90.97	-4,542.31	-11,163.76	6,714.37	6,439.28	275.09	24.408		
12,600.00	7,001.00	17,312.00	7,020.41	166.69	282.00	90.97	-4,542.31	-11,163.76	6,622.38	6,344.75	277.63	23.853		
12,700.00	7,001.00	17,312.00	7,020.41	168.05	282.00	90.97	-4,542.31	-11,163.76	6,530.61	6,250.38	280.23	23.304		
12,800.00	7,001.00	17,312.00	7,020.41	169.44	282.00	90.97	-4,542.31	-11,163.76	6,439.10	6,156.19	282.91	22.760		
12,900.00	7,001.00	17,312.00	7,020.41	170.86	282.00	90.97	-4,542.31	-11,163.76	6,347.84	6,062.18	285.66	22.222		
13,000.00	7,001.00	17,312.00	7,020.41	172.30	282.00	90.97	-4,542.31	-11,163.76	6,256.85	5,968.37	288.48	21.689		
13,100.00	7,001.00	17,312.00	7,020.41	173.78	282.00	90.97	-4,542.31	-11,163.76	6,166.13	5,874.76	291.37	21.162		
13,200.00	7,001.00	17,312.00	7,020.41	175.28	282.00	90.97	-4,542.31	-11,163.76	6,075.71	5,781.36	294.35	20.641		
13,300.00	7,001.00	17,312.00	7,020.41	176.80	282.00	90.97	-4,542.31	-11,163.76	5,985.59	5,688.19	297.41	20.126		
13,400.00	7,001.00	17,312.00	7,020.41	178.36	282.00	90.97	-4,542.31	-11,163.76	5,895.80	5,595.25	300.55	19.617		
13,500.00	7,001.00	17,312.00	7,020.41	179.94	282.00	90.97	-4,542.31	-11,163.76	5,806.33	5,502.55	303.78	19.114		
13,600.00	7,001.00	17,312.00	7,020.41	181.55	282.00	90.97	-4,542.31	-11,163.76	5,717.21	5,410.12	307.10	18.617		
13,700.00	7,001.00	17,312.00	7,020.41	183.18	282.00	90.97	-4,542.31	-11,163.76	5,628.46	5,317.96	310.51	18.127		
13,800.00	7,001.00	17,312.00	7,020.41	184.84	282.00	90.97	-4,542.31	-11,163.76	5,540.10	5,226.08	314.02	17.643		
13,900.00	7,001.00	17,312.00	7,020.41	186.52	282.00	90.97	-4,542.31	-11,163.76	5,452.13	5,134.51	317.62	17.165		
14,000.00	7,001.00	17,312.00	7,020.41	188.23	282.00	90.97	-4,542.31	-11,163.76	5,364.59	5,043.26	321.33	16.695		
14,100.00	7,001.00	17,312.00	7,020.41	189.97	282.00	90.97	-4,542.31	-11,163.76	5,277.49	4,952.34	325.14	16.231		
14,200.00	7,001.00	17,312.00	7,020.41	191.72	282.00	90.97	-4,542.31	-11,163.76	5,190.85	4,861.79	329.07	15.775		
14,300.00	7,001.00	17,312.00	7,020.41	193.50	282.00	90.97	-4,542.31	-11,163.76	5,104.70	4,771.61	333.10	15.325		
14,400.00	7,001.00	17,312.00	7,020.41	195.30	282.00	90.97	-4,542.31	-11,163.76	5,019.07	4,681.83	337.24	14.883		
14,500.00	7,001.00	17,312.00	7,020.41	197.13	282.00	90.97	-4,542.31	-11,163.76	4,933.98	4,592.47	341.51	14.448		
14,600.00	7,001.00	17,312.00	7,020.41	198.98	282.00	90.97	-4,542.31	-11,163.76	4,849.45	4,503.56	345.89	14.020		
14,700.00	7,001.00	17,312.00	7,020.41	200.85	282.00	90.97	-4,542.31	-11,163.76	4,765.53	4,415.13	350.40	13.600		
14,800.00	7,001.00	17,312.00	7,020.41	202.73	282.00	90.97	-4,542.31	-11,163.76	4,682.24	4,327.21	355.03	13.188		
14,900.00	7,001.00	17,312.00	7,020.41	204.64	282.00	90.97	-4,542.31	-11,163.76	4,599.61	4,239.82	359.79	12.784		
15,000.00	7,001.00	17,312.00	7,020.41	206.57	282.00	90.97	-4,542.31	-11,163.76	4,517.69	4,153.01	364.68	12.388		
15,100.00	7,001.00	17,312.00	7,020.41	208.52	282.00	90.97	-4,542.31	-11,163.76	4,436.50	4,066.80	369.70	12.000		
15,200.00	7,001.00	17,312.00	7,020.41	210.49	282.00	90.97	-4,542.31	-11,163.76	4,356.10	3,981.24	374.86	11.621		
15,300.00	7,001.00	17,312.00	7,020.41	212.48	282.00	90.97	-4,542.31	-11,163.76	4,276.53	3,896.38	380.15	11.250		
15,400.00	7,001.00	17,312.00	7,020.41	214.48	282.00	90.97	-4,542.31	-11,163.76	4,197.83	3,812.25	385.57	10.887		
15,500.00	7,001.00	17,312.00	7,020.41	216.51	282.00	90.97	-4,542.31	-11,163.76	4,120.05	3,728.91	391.14	10.534		
15,600.00	7,001.00	17,312.00	7,020.41	218.55	282.00	90.97	-4,542.31	-11,163.76	4,043.25	3,646.42	396.83	10.189		
15,700.00	7,001.00	17,312.00	7,020.41	220.60	282.00	90.97	-4,542.31	-11,163.76	3,967.49	3,564.83	402.66	9.853		
15,800.00	7,001.00	17,312.00	7,020.41	222.68	282.00	90.97	-4,542.31	-11,163.76	3,892.82	3,484.20	408.62	9.527		
15,900.00	7,001.00	17,312.00	7,020.41	224.76	282.00	90.97	-4,542.31	-11,163.76	3,819.31	3,404.60	414.70	9.210		
16,000.00	7,001.00	17,312.00	7,020.41	226.87	282.00	90.97	-4,542.31	-11,163.76	3,747.02	3,326.11	420.91	8.902		
16,100.00	7,001.00	17,312.00	7,020.41	228.99	282.00	90.97	-4,542.31	-11,163.76	3,676.03	3,248.81	427.22	8.604		
16,200.00	7,001.00	17,312.00	7,020.41	231.12	282.00	90.97	-4,542.31	-11,163.76	3,606.42	3,172.78	433.65	8.317		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1576-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,300.00	7,001.00	17,312.00	7,020.41	233.27	282.00	90.97	-4,542.31	-11,163.76	3,538.27	3,098.11	440.16	8.039		
16,400.00	7,001.00	17,312.00	7,020.41	235.43	282.00	90.97	-4,542.31	-11,163.76	3,471.66	3,024.91	446.75	7.771		
16,500.00	7,001.00	17,312.00	7,020.41	237.61	282.00	90.97	-4,542.31	-11,163.76	3,406.68	2,953.27	453.41	7.513		
16,600.00	7,001.00	17,312.00	7,020.41	239.79	282.00	90.97	-4,542.31	-11,163.76	3,343.44	2,883.32	460.12	7.267		
16,700.00	7,001.00	17,312.00	7,020.41	242.00	282.00	90.97	-4,542.31	-11,163.76	3,282.02	2,815.17	466.84	7.030		
16,800.00	7,001.00	17,312.00	7,020.41	244.21	282.00	90.97	-4,542.31	-11,163.76	3,222.53	2,748.96	473.57	6.805		
16,900.00	7,001.00	17,312.00	7,020.41	246.43	282.00	90.97	-4,542.31	-11,163.76	3,165.09	2,684.82	480.26	6.590		
17,000.00	7,001.00	17,312.00	7,020.41	248.67	282.00	90.97	-4,542.31	-11,163.76	3,109.80	2,622.90	486.90	6.387		
17,100.00	7,001.00	17,312.00	7,020.41	250.92	282.00	90.97	-4,542.31	-11,163.76	3,056.78	2,563.34	493.44	6.195		
17,200.00	7,001.00	17,312.00	7,020.41	253.18	282.00	90.97	-4,542.31	-11,163.76	3,006.16	2,506.32	499.84	6.014		
17,300.00	7,001.00	17,312.00	7,020.41	255.45	282.00	90.97	-4,542.31	-11,163.76	2,958.05	2,451.98	506.06	5.845		
17,400.00	7,001.00	17,312.00	7,020.41	257.73	282.00	90.97	-4,542.31	-11,163.76	2,912.58	2,400.52	512.06	5.688		
17,500.00	7,001.00	17,312.00	7,020.41	260.02	282.00	90.97	-4,542.31	-11,163.76	2,869.87	2,352.09	517.78	5.543		
17,600.00	7,001.00	17,312.00	7,020.41	262.32	282.00	90.97	-4,542.31	-11,163.76	2,830.06	2,306.88	523.18	5.409		
17,700.00	7,001.00	17,312.00	7,020.41	264.63	282.00	90.97	-4,542.31	-11,163.76	2,793.26	2,265.07	528.19	5.288		
17,800.00	7,001.00	17,312.00	7,020.41	266.95	282.00	90.97	-4,542.31	-11,163.76	2,759.60	2,226.82	532.78	5.180		
17,900.00	7,001.00	17,312.00	7,020.41	269.28	282.00	90.97	-4,542.31	-11,163.76	2,729.18	2,192.31	536.87	5.083		
18,000.00	7,001.00	17,312.00	7,020.41	271.61	282.00	90.97	-4,542.31	-11,163.76	2,702.13	2,161.71	540.43	5.000		
18,100.00	7,001.00	17,312.00	7,020.41	273.96	282.00	90.97	-4,542.31	-11,163.76	2,678.54	2,135.15	543.39	4.929		
18,200.00	7,001.00	17,312.00	7,020.41	276.31	282.00	90.97	-4,542.31	-11,163.76	2,658.51	2,112.78	545.72	4.872		
18,300.00	7,001.00	17,312.00	7,020.41	278.67	282.00	90.97	-4,542.31	-11,163.76	2,642.11	2,094.73	547.38	4.827		
18,400.00	7,001.00	17,312.00	7,020.41	281.04	282.00	90.97	-4,542.31	-11,163.76	2,629.41	2,081.08	548.33	4.795		
18,500.00	7,001.00	17,312.00	7,020.41	283.42	282.00	90.97	-4,542.31	-11,163.76	2,620.47	2,071.93	548.54	4.777		
18,600.00	7,001.00	17,312.00	7,020.41	285.80	282.00	90.97	-4,542.31	-11,163.76	2,615.32	2,067.32	548.01	4.772		
18,683.85	7,001.00	17,312.00	7,020.41	287.81	282.00	90.97	-4,542.31	-11,163.76	2,613.95	2,066.97	546.98	4.779		
18,700.00	7,001.00	17,303.98	7,020.38	288.19	281.79	90.97	-4,542.28	-11,171.79	2,613.99	2,067.14	546.85	4.780		
18,800.00	7,001.00	17,176.00	7,019.49	290.59	278.32	90.95	-4,542.08	-11,299.76	2,614.03	2,066.83	547.20	4.777		
18,900.00	7,001.00	17,082.35	7,017.93	293.00	275.78	90.92	-4,542.56	-11,393.39	2,613.33	2,066.26	547.07	4.777		
19,000.00	7,001.00	16,955.46	7,018.06	295.41	272.34	90.92	-4,543.91	-11,520.27	2,612.05	2,064.68	547.37	4.772		
19,100.00	7,001.00	16,841.82	7,019.19	297.83	269.27	90.95	-4,545.56	-11,633.90	2,610.49	2,063.00	547.49	4.768		
19,200.00	7,001.00	16,692.45	7,019.29	300.25	265.23	90.95	-4,549.96	-11,783.19	2,607.34	2,059.45	547.89	4.759		
19,300.00	7,001.00	16,592.07	7,017.42	302.68	262.52	90.91	-4,553.88	-11,883.47	2,603.24	2,055.38	547.86	4.752		
19,400.00	7,001.00	16,514.00	7,014.44	305.12	260.41	90.85	-4,556.47	-11,961.44	2,599.69	2,052.04	547.65	4.747 SF		
19,500.00	7,001.00	16,471.65	7,012.32	307.56	259.27	90.80	-4,557.22	-12,003.73	2,597.65	2,050.67	546.99	4.749 ES		
19,543.50	7,001.00	16,452.74	7,011.42	308.63	258.76	90.78	-4,557.27	-12,022.61	2,597.45	2,050.82	546.63	4.752 CC		
19,600.00	7,001.00	16,420.00	7,009.91	310.01	257.87	90.75	-4,556.92	-12,055.32	2,597.83	2,051.60	546.23	4.756		
19,700.00	7,001.00	16,374.44	7,008.12	312.46	256.63	90.71	-4,555.77	-12,100.83	2,599.95	2,054.79	545.16	4.769		
19,800.00	7,001.00	16,308.05	7,006.35	314.92	254.83	90.67	-4,553.04	-12,167.14	2,603.78	2,059.40	544.38	4.783		
19,900.00	7,001.00	16,135.62	7,003.36	317.39	250.15	90.60	-4,547.24	-12,339.44	2,607.16	2,061.34	545.82	4.777		
20,000.00	7,001.00	15,966.92	7,000.44	319.85	245.58	90.54	-4,546.85	-12,508.11	2,607.10	2,060.28	546.82	4.768		
20,080.06	7,001.00	15,915.82	6,998.68	321.83	244.20	90.50	-4,547.18	-12,559.17	2,606.50	2,060.11	546.40	4.770		
20,100.00	7,001.00	15,906.02	6,998.39	322.33	243.93	90.49	-4,547.14	-12,568.97	2,606.54	2,060.31	546.24	4.772		
20,200.00	7,001.00	15,861.88	6,997.34	324.81	242.74	90.47	-4,546.52	-12,613.10	2,607.90	2,062.68	545.22	4.783		
20,300.00	7,001.00	15,734.57	6,995.45	327.29	239.28	90.43	-4,543.85	-12,740.36	2,609.80	2,064.11	545.69	4.783		
20,400.00	7,001.00	15,626.72	6,994.29	329.78	236.36	90.40	-4,542.16	-12,848.19	2,611.19	2,065.40	545.79	4.784		
20,500.00	7,001.00	15,510.13	6,992.63	332.27	233.20	90.36	-4,540.95	-12,964.76	2,612.06	2,066.02	546.03	4.784		
20,600.00	7,001.00	15,351.21	6,992.92	334.77	228.90	90.37	-4,541.67	-13,123.66	2,611.42	2,064.61	546.80	4.776		
20,700.00	7,001.00	15,245.91	6,993.36	337.27	226.06	90.38	-4,543.38	-13,228.95	2,609.64	2,062.79	546.84	4.772		
20,800.00	7,001.00	15,116.25	6,993.05	339.77	222.55	90.37	-4,546.19	-13,358.58	2,607.35	2,060.23	547.11	4.766		
20,900.00	7,001.00	15,052.26	6,992.00	342.28	220.83	90.35	-4,547.77	-13,422.54	2,604.80	2,058.07	546.74	4.764		
21,000.00	7,001.00	14,994.94	6,990.09	344.79	219.28	90.31	-4,548.07	-13,479.82	2,604.03	2,057.87	546.16	4.768		
21,100.00	7,001.00	14,891.64	6,986.55	347.31	216.48	90.23	-4,547.99	-13,583.06	2,603.93	2,057.76	546.17	4.768		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 5-T6N-R67W - MICKEY 11 - ORIGINAL WELLBORE - WB # 1 - Patterson 346												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 1576-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
21,200.00	7,001.00	14,784.37	6,983.24	349.83	213.58	90.16	-4,548.02	-13,690.28	2,603.74	2,057.49	546.24	4.767	
21,300.00	7,001.00	14,666.22	6,980.36	352.35	210.39	90.10	-4,548.82	-13,808.39	2,602.87	2,056.42	546.45	4.763	
21,369.95	7,001.00	14,605.02	6,978.99	354.12	208.73	90.07	-4,549.41	-13,869.57	2,602.09	2,055.77	546.32	4.763	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1585-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,000.00	4,221.98	17,365.00	7,068.05	71.44	281.92	85.66	-4,875.30	-11,165.27	10,078.51	9,971.00	107.51	93.743		
6,100.00	4,278.34	17,365.00	7,068.05	72.97	281.92	85.66	-4,875.30	-11,165.27	10,019.51	9,912.02	107.48	93.220		
6,200.00	4,334.69	17,365.00	7,068.05	74.50	281.92	85.66	-4,875.30	-11,165.27	9,961.15	9,853.68	107.47	92.688		
6,300.00	4,391.04	17,365.00	7,068.05	76.03	281.92	85.66	-4,875.30	-11,165.27	9,903.46	9,795.98	107.48	92.144		
6,400.00	4,447.40	17,365.00	7,068.05	77.55	281.92	85.66	-4,875.30	-11,165.27	9,846.45	9,738.94	107.51	91.587		
6,500.00	4,503.75	17,365.00	7,068.05	79.08	281.92	85.66	-4,875.30	-11,165.27	9,790.13	9,682.56	107.57	91.011		
6,600.00	4,560.10	17,365.00	7,068.05	80.61	281.92	85.66	-4,875.30	-11,165.27	9,734.51	9,626.84	107.67	90.414		
6,700.00	4,616.45	17,365.00	7,068.05	82.14	281.92	85.66	-4,875.30	-11,165.27	9,679.60	9,571.80	107.80	89.792		
6,800.00	4,672.81	17,365.00	7,068.05	83.67	281.92	85.66	-4,875.30	-11,165.27	9,625.42	9,517.44	107.98	89.139		
6,900.00	4,729.16	17,365.00	7,068.05	85.20	281.92	85.66	-4,875.30	-11,165.27	9,571.98	9,463.76	108.22	88.449		
7,000.00	4,785.51	17,365.00	7,068.05	86.73	281.92	85.66	-4,875.30	-11,165.27	9,519.29	9,410.77	108.52	87.717		
7,100.00	4,841.86	17,365.00	7,068.05	88.26	281.92	85.66	-4,875.30	-11,165.27	9,467.36	9,358.46	108.90	86.935		
7,200.00	4,898.22	17,365.00	7,068.05	89.79	281.92	85.66	-4,875.30	-11,165.27	9,416.20	9,306.84	109.37	86.096		
7,300.00	4,954.57	17,365.00	7,068.05	91.32	281.92	85.66	-4,875.30	-11,165.27	9,365.84	9,255.90	109.94	85.191		
7,400.00	5,010.92	17,365.00	7,068.05	92.85	281.92	85.66	-4,875.30	-11,165.27	9,316.28	9,205.65	110.63	84.211		
7,500.00	5,067.28	17,365.00	7,068.05	94.38	281.92	85.66	-4,875.30	-11,165.27	9,267.53	9,156.07	111.46	83.149		
7,600.00	5,123.63	17,365.00	7,068.05	95.91	281.92	85.66	-4,875.30	-11,165.27	9,219.60	9,107.16	112.44	81.997		
7,700.00	5,179.98	17,365.00	7,068.05	97.44	281.92	85.66	-4,875.30	-11,165.27	9,172.52	9,058.93	113.59	80.749		
7,800.00	5,236.33	17,365.00	7,068.05	98.97	281.92	85.66	-4,875.30	-11,165.27	9,126.29	9,011.35	114.94	79.402		
7,900.00	5,292.69	17,365.00	7,068.05	100.50	281.92	85.66	-4,875.30	-11,165.27	9,080.92	8,964.44	116.49	77.957		
8,000.00	5,349.04	17,365.00	7,068.05	102.03	281.92	85.66	-4,875.30	-11,165.27	9,036.44	8,918.19	118.25	76.417		
8,100.00	5,405.39	17,365.00	7,068.05	103.56	281.92	85.66	-4,875.30	-11,165.27	8,992.84	8,872.61	120.24	74.791		
8,200.00	5,461.74	17,365.00	7,068.05	105.09	281.92	85.66	-4,875.30	-11,165.27	8,950.16	8,827.70	122.45	73.092		
8,300.00	5,518.10	17,365.00	7,068.05	106.62	281.92	85.66	-4,875.30	-11,165.27	8,908.39	8,783.50	124.88	71.334		
8,400.00	5,574.45	17,365.00	7,068.05	108.15	281.92	85.66	-4,875.30	-11,165.27	8,867.55	8,740.02	127.53	69.535		
8,500.00	5,630.80	17,365.00	7,068.05	109.68	281.92	85.66	-4,875.30	-11,165.27	8,827.65	8,697.28	130.37	67.713		
8,600.00	5,687.16	17,365.00	7,068.05	111.21	281.92	85.66	-4,875.30	-11,165.27	8,788.71	8,655.31	133.40	65.884		
8,700.00	5,743.51	17,365.00	7,068.05	112.75	281.92	85.66	-4,875.30	-11,165.27	8,750.74	8,614.15	136.59	64.064		
8,800.00	5,799.86	17,365.00	7,068.05	114.28	281.92	85.66	-4,875.30	-11,165.27	8,713.75	8,573.81	139.94	62.266		
8,900.00	5,856.21	17,365.00	7,068.05	115.81	281.92	85.66	-4,875.30	-11,165.27	8,677.76	8,534.33	143.43	60.501		
9,000.00	5,912.57	17,365.00	7,068.05	117.34	281.92	85.66	-4,875.30	-11,165.27	8,642.78	8,495.74	147.04	58.778		
9,100.00	5,968.92	17,365.00	7,068.05	118.87	281.92	85.66	-4,875.30	-11,165.27	8,608.81	8,458.05	150.76	57.103		
9,200.00	6,025.27	17,365.00	7,068.05	120.40	281.92	85.66	-4,875.30	-11,165.27	8,575.88	8,421.31	154.57	55.481		
9,300.00	6,081.63	17,365.00	7,068.05	121.93	281.92	85.66	-4,875.30	-11,165.27	8,543.99	8,385.52	158.47	53.915		
9,400.00	6,137.98	17,365.00	7,068.05	123.46	281.92	85.66	-4,875.30	-11,165.27	8,513.15	8,350.71	162.44	52.406		
9,500.00	6,194.33	17,365.00	7,068.05	125.00	281.92	85.66	-4,875.30	-11,165.27	8,483.38	8,316.90	166.48	50.956		
9,600.00	6,250.68	17,365.00	7,068.05	126.53	281.92	85.66	-4,875.30	-11,165.27	8,454.69	8,284.11	170.58	49.564		
9,700.00	6,307.04	17,365.00	7,068.05	128.06	281.92	85.66	-4,875.30	-11,165.27	8,427.09	8,252.36	174.73	48.230		
9,800.00	6,363.39	17,365.00	7,068.05	129.59	281.92	85.66	-4,875.30	-11,165.27	8,400.59	8,221.67	178.92	46.953		
9,900.00	6,419.74	17,365.00	7,068.05	131.12	281.92	85.66	-4,875.30	-11,165.27	8,375.20	8,192.05	183.14	45.730		
10,000.00	6,476.09	17,365.00	7,068.05	132.65	281.92	85.66	-4,875.30	-11,165.27	8,350.93	8,163.52	187.40	44.561		
10,100.00	6,532.45	17,365.00	7,068.05	134.18	281.92	85.66	-4,875.30	-11,165.27	8,327.79	8,136.10	191.69	43.444		
10,200.00	6,588.80	17,365.00	7,068.05	135.72	281.92	85.66	-4,875.30	-11,165.27	8,305.78	8,109.79	196.00	42.377		
10,300.00	6,645.15	17,365.00	7,068.05	137.25	281.92	85.66	-4,875.30	-11,165.27	8,284.93	8,084.61	200.32	41.358		
10,400.00	6,701.51	17,365.00	7,068.05	138.78	281.92	85.66	-4,875.30	-11,165.27	8,265.24	8,060.58	204.66	40.385		
10,500.00	6,757.86	17,365.00	7,068.05	140.31	281.92	85.66	-4,875.30	-11,165.27	8,246.71	8,037.70	209.01	39.456		
10,600.00	6,813.28	17,365.00	7,068.05	141.87	281.92	81.64	-4,875.30	-11,165.27	8,225.44	8,012.08	213.36	38.552		
10,700.00	6,864.12	17,365.00	7,068.05	143.49	281.92	76.87	-4,875.30	-11,165.27	8,189.72	7,972.06	217.66	37.626		
10,800.00	6,908.67	17,365.00	7,068.05	145.14	281.92	73.61	-4,875.30	-11,165.27	8,139.58	7,917.79	221.79	36.700		
10,900.00	6,945.58	17,365.00	7,068.05	146.73	281.92	72.08	-4,875.30	-11,165.27	8,076.28	7,850.68	225.60	35.798		
11,000.00	6,973.71	17,365.00	7,068.05	148.22	281.92	72.72	-4,875.30	-11,165.27	8,001.48	7,772.48	229.00	34.941		
11,100.00	6,992.22	17,365.00	7,068.05	149.55	281.92	76.60	-4,875.30	-11,165.27	7,917.14	7,685.28	231.86	34.146		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1585-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,200.00	7,000.54	17,365.00	7,068.05	150.69	281.92	86.76	-4,875.30	-11,165.27	7,825.56	7,591.48	234.08	33.431		
11,300.00	7,001.00	17,365.00	7,068.05	151.65	281.92	92.09	-4,875.30	-11,165.27	7,730.15	7,494.37	235.79	32.785		
11,400.00	7,001.00	17,365.00	7,068.05	152.64	281.92	92.09	-4,875.30	-11,165.27	7,634.67	7,397.17	237.49	32.147		
11,500.00	7,001.00	17,365.00	7,068.05	153.65	281.92	92.09	-4,875.30	-11,165.27	7,539.30	7,300.06	239.24	31.513		
11,600.00	7,001.00	17,365.00	7,068.05	154.69	281.92	92.09	-4,875.30	-11,165.27	7,444.05	7,203.01	241.04	30.883		
11,700.00	7,001.00	17,365.00	7,068.05	155.76	281.92	92.09	-4,875.30	-11,165.27	7,348.93	7,106.05	242.88	30.258		
11,800.00	7,001.00	17,365.00	7,068.05	156.85	281.92	92.09	-4,875.30	-11,165.27	7,253.94	7,009.17	244.77	29.636		
11,900.00	7,001.00	17,365.00	7,068.05	157.98	281.92	92.09	-4,875.30	-11,165.27	7,159.09	6,912.38	246.71	29.019		
12,000.00	7,001.00	17,365.00	7,068.05	159.14	281.92	92.09	-4,875.30	-11,165.27	7,064.38	6,815.68	248.70	28.406		
12,100.00	7,001.00	17,365.00	7,068.05	160.32	281.92	92.09	-4,875.30	-11,165.27	6,969.81	6,719.07	250.74	27.797		
12,200.00	7,001.00	17,365.00	7,068.05	161.54	281.92	92.09	-4,875.30	-11,165.27	6,875.40	6,622.57	252.83	27.193		
12,300.00	7,001.00	17,365.00	7,068.05	162.78	281.92	92.09	-4,875.30	-11,165.27	6,781.15	6,526.16	254.99	26.594		
12,400.00	7,001.00	17,365.00	7,068.05	164.06	281.92	92.09	-4,875.30	-11,165.27	6,687.07	6,429.87	257.20	25.999		
12,500.00	7,001.00	17,365.00	7,068.05	165.36	281.92	92.09	-4,875.30	-11,165.27	6,593.16	6,333.69	259.48	25.410		
12,600.00	7,001.00	17,365.00	7,068.05	166.69	281.92	92.09	-4,875.30	-11,165.27	6,499.44	6,237.62	261.81	24.825		
12,700.00	7,001.00	17,365.00	7,068.05	168.05	281.92	92.09	-4,875.30	-11,165.27	6,405.90	6,141.68	264.22	24.245		
12,800.00	7,001.00	17,365.00	7,068.05	169.44	281.92	92.09	-4,875.30	-11,165.27	6,312.56	6,045.87	266.69	23.670		
12,900.00	7,001.00	17,365.00	7,068.05	170.86	281.92	92.09	-4,875.30	-11,165.27	6,219.43	5,950.20	269.23	23.101		
13,000.00	7,001.00	17,365.00	7,068.05	172.30	281.92	92.09	-4,875.30	-11,165.27	6,126.51	5,854.67	271.84	22.537		
13,100.00	7,001.00	17,365.00	7,068.05	173.78	281.92	92.09	-4,875.30	-11,165.27	6,033.83	5,759.29	274.53	21.978		
13,200.00	7,001.00	17,365.00	7,068.05	175.28	281.92	92.09	-4,875.30	-11,165.27	5,941.37	5,664.07	277.30	21.425		
13,300.00	7,001.00	17,365.00	7,068.05	176.80	281.92	92.09	-4,875.30	-11,165.27	5,849.17	5,569.01	280.16	20.878		
13,400.00	7,001.00	17,365.00	7,068.05	178.36	281.92	92.09	-4,875.30	-11,165.27	5,757.23	5,474.14	283.09	20.337		
13,500.00	7,001.00	17,365.00	7,068.05	179.94	281.92	92.09	-4,875.30	-11,165.27	5,665.56	5,379.44	286.12	19.801		
13,600.00	7,001.00	17,365.00	7,068.05	181.55	281.92	92.09	-4,875.30	-11,165.27	5,574.18	5,284.94	289.24	19.272		
13,700.00	7,001.00	17,365.00	7,068.05	183.18	281.92	92.09	-4,875.30	-11,165.27	5,483.09	5,190.65	292.45	18.749		
13,800.00	7,001.00	17,365.00	7,068.05	184.84	281.92	92.09	-4,875.30	-11,165.27	5,392.33	5,096.57	295.76	18.232		
13,900.00	7,001.00	17,365.00	7,068.05	186.52	281.92	92.09	-4,875.30	-11,165.27	5,301.89	5,002.72	299.17	17.722		
14,000.00	7,001.00	17,365.00	7,068.05	188.23	281.92	92.09	-4,875.30	-11,165.27	5,211.81	4,909.12	302.69	17.218		
14,100.00	7,001.00	17,365.00	7,068.05	189.97	281.92	92.09	-4,875.30	-11,165.27	5,122.09	4,815.77	306.32	16.721		
14,200.00	7,001.00	17,365.00	7,068.05	191.72	281.92	92.09	-4,875.30	-11,165.27	5,032.76	4,722.70	310.07	16.231		
14,300.00	7,001.00	17,365.00	7,068.05	193.50	281.92	92.09	-4,875.30	-11,165.27	4,943.84	4,629.91	313.93	15.748		
14,400.00	7,001.00	17,365.00	7,068.05	195.30	281.92	92.09	-4,875.30	-11,165.27	4,855.35	4,537.44	317.91	15.273		
14,500.00	7,001.00	17,365.00	7,068.05	197.13	281.92	92.09	-4,875.30	-11,165.27	4,767.32	4,445.29	322.03	14.804		
14,600.00	7,001.00	17,365.00	7,068.05	198.98	281.92	92.09	-4,875.30	-11,165.27	4,679.77	4,353.49	326.27	14.343		
14,700.00	7,001.00	17,365.00	7,068.05	200.85	281.92	92.09	-4,875.30	-11,165.27	4,592.72	4,262.07	330.65	13.890		
14,800.00	7,001.00	17,365.00	7,068.05	202.73	281.92	92.09	-4,875.30	-11,165.27	4,506.21	4,171.04	335.17	13.444		
14,900.00	7,001.00	17,365.00	7,068.05	204.64	281.92	92.09	-4,875.30	-11,165.27	4,420.28	4,080.44	339.84	13.007		
15,000.00	7,001.00	17,365.00	7,068.05	206.57	281.92	92.09	-4,875.30	-11,165.27	4,334.94	3,990.29	344.65	12.578		
15,100.00	7,001.00	17,365.00	7,068.05	208.52	281.92	92.09	-4,875.30	-11,165.27	4,250.25	3,900.62	349.62	12.157		
15,200.00	7,001.00	17,365.00	7,068.05	210.49	281.92	92.09	-4,875.30	-11,165.27	4,166.23	3,811.48	354.75	11.744		
15,300.00	7,001.00	17,365.00	7,068.05	212.48	281.92	92.09	-4,875.30	-11,165.27	4,082.93	3,722.89	360.04	11.340		
15,400.00	7,001.00	17,365.00	7,068.05	214.48	281.92	92.09	-4,875.30	-11,165.27	4,000.40	3,634.91	365.49	10.945		
15,500.00	7,001.00	17,365.00	7,068.05	216.51	281.92	92.09	-4,875.30	-11,165.27	3,918.69	3,547.57	371.11	10.559		
15,600.00	7,001.00	17,365.00	7,068.05	218.55	281.92	92.09	-4,875.30	-11,165.27	3,837.84	3,460.93	376.91	10.182		
15,700.00	7,001.00	17,365.00	7,068.05	220.60	281.92	92.09	-4,875.30	-11,165.27	3,757.91	3,375.03	382.87	9.815		
15,800.00	7,001.00	17,365.00	7,068.05	222.68	281.92	92.09	-4,875.30	-11,165.27	3,678.96	3,289.95	389.01	9.457		
15,900.00	7,001.00	17,365.00	7,068.05	224.76	281.92	92.09	-4,875.30	-11,165.27	3,601.06	3,205.74	395.32	9.109		
16,000.00	7,001.00	17,365.00	7,068.05	226.87	281.92	92.09	-4,875.30	-11,165.27	3,524.27	3,122.47	401.80	8.771		
16,100.00	7,001.00	17,365.00	7,068.05	228.99	281.92	92.09	-4,875.30	-11,165.27	3,448.68	3,040.22	408.45	8.443		
16,200.00	7,001.00	17,365.00	7,068.05	231.12	281.92	92.09	-4,875.30	-11,165.27	3,374.35	2,959.08	415.27	8.126		
16,300.00	7,001.00	17,365.00	7,068.05	233.27	281.92	92.09	-4,875.30	-11,165.27	3,301.38	2,879.14	422.24	7.819		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1585-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,400.00	7,001.00	17,365.00	7,068.05	235.43	281.92	92.09	-4,875.30	-11,165.27	3,229.86	2,800.51	429.35	7.523		
16,500.00	7,001.00	17,365.00	7,068.05	237.61	281.92	92.09	-4,875.30	-11,165.27	3,159.88	2,723.28	436.60	7.237		
16,600.00	7,001.00	17,365.00	7,068.05	239.79	281.92	92.09	-4,875.30	-11,165.27	3,091.56	2,647.59	443.97	6.963		
16,700.00	7,001.00	17,365.00	7,068.05	242.00	281.92	92.09	-4,875.30	-11,165.27	3,025.00	2,573.57	451.43	6.701		
16,800.00	7,001.00	17,365.00	7,068.05	244.21	281.92	92.09	-4,875.30	-11,165.27	2,960.32	2,501.35	458.97	6.450		
16,900.00	7,001.00	17,365.00	7,068.05	246.43	281.92	92.09	-4,875.30	-11,165.27	2,897.65	2,431.10	466.55	6.211		
17,000.00	7,001.00	17,365.00	7,068.05	248.67	281.92	92.09	-4,875.30	-11,165.27	2,837.12	2,362.98	474.14	5.984		
17,100.00	7,001.00	17,365.00	7,068.05	250.92	281.92	92.09	-4,875.30	-11,165.27	2,778.87	2,297.18	481.70	5.769		
17,200.00	7,001.00	17,365.00	7,068.05	253.18	281.92	92.09	-4,875.30	-11,165.27	2,723.05	2,233.88	489.18	5.567		
17,300.00	7,001.00	17,365.00	7,068.05	255.45	281.92	92.09	-4,875.30	-11,165.27	2,669.81	2,173.29	496.52	5.377		
17,400.00	7,001.00	17,365.00	7,068.05	257.73	281.92	92.09	-4,875.30	-11,165.27	2,619.31	2,115.62	503.68	5.200		
17,500.00	7,001.00	17,365.00	7,068.05	260.02	281.92	92.09	-4,875.30	-11,165.27	2,571.70	2,061.11	510.59	5.037		
17,600.00	7,001.00	17,365.00	7,068.05	262.32	281.92	92.09	-4,875.30	-11,165.27	2,527.16	2,009.99	517.17	4.887		
17,700.00	7,001.00	17,365.00	7,068.05	264.63	281.92	92.09	-4,875.30	-11,165.27	2,485.84	1,962.49	523.35	4.750		
17,800.00	7,001.00	17,365.00	7,068.05	266.95	281.92	92.09	-4,875.30	-11,165.27	2,447.91	1,918.87	529.04	4.627		
17,900.00	7,001.00	17,365.00	7,068.05	269.28	281.92	92.09	-4,875.30	-11,165.27	2,413.53	1,879.35	534.18	4.518		
18,000.00	7,001.00	17,365.00	7,068.05	271.61	281.92	92.09	-4,875.30	-11,165.27	2,382.86	1,844.18	538.68	4.424		
18,100.00	7,001.00	17,365.00	7,068.05	273.96	281.92	92.09	-4,875.30	-11,165.27	2,356.04	1,813.57	542.46	4.343		
18,200.00	7,001.00	17,365.00	7,068.05	276.31	281.92	92.09	-4,875.30	-11,165.27	2,333.19	1,787.74	545.45	4.278		
18,300.00	7,001.00	17,365.00	7,068.05	278.67	281.92	92.09	-4,875.30	-11,165.27	2,314.44	1,766.87	547.58	4.227		
18,400.00	7,001.00	17,365.00	7,068.05	281.04	281.92	92.09	-4,875.30	-11,165.27	2,299.90	1,751.10	548.79	4.191		
18,500.00	7,001.00	17,365.00	7,068.05	283.42	281.92	92.09	-4,875.30	-11,165.27	2,289.63	1,740.57	549.06	4.170		
18,600.00	7,001.00	17,365.00	7,068.05	285.80	281.92	92.09	-4,875.30	-11,165.27	2,283.70	1,735.36	548.34	4.165		
18,685.61	7,001.00	17,365.00	7,068.05	287.85	281.92	92.09	-4,875.30	-11,165.27	2,282.09	1,735.16	546.94	4.173		
18,700.00	7,001.00	17,352.39	7,067.93	288.19	281.58	92.08	-4,875.27	-11,177.88	2,282.11	1,735.21	546.89	4.173		
18,800.00	7,001.00	17,243.79	7,066.78	290.59	278.63	92.05	-4,875.04	-11,286.47	2,282.12	1,735.11	547.02	4.172		
18,900.00	7,001.00	17,138.28	7,064.35	293.00	275.77	91.99	-4,875.42	-11,391.95	2,281.51	1,734.43	547.08	4.170		
18,993.74	7,001.00	17,056.78	7,061.33	295.26	273.56	91.92	-4,875.43	-11,473.39	2,281.23	1,734.43	546.80	4.172		
19,000.00	7,001.00	17,051.54	7,061.11	295.41	273.42	91.91	-4,875.41	-11,478.63	2,281.23	1,734.45	546.78	4.172		
19,100.00	7,001.00	16,970.27	7,057.84	297.83	271.22	91.83	-4,874.83	-11,559.83	2,281.65	1,735.31	546.34	4.176		
19,200.00	7,001.00	16,890.92	7,057.07	300.25	269.06	91.81	-4,873.60	-11,639.16	2,283.01	1,737.19	545.82	4.183		
19,300.00	7,001.00	16,800.48	7,056.59	302.68	266.61	91.80	-4,871.58	-11,729.58	2,285.04	1,739.50	545.54	4.189		
19,400.00	7,001.00	16,691.13	7,055.19	305.12	263.64	91.76	-4,869.29	-11,838.89	2,286.93	1,741.20	545.73	4.191		
19,500.00	7,001.00	16,597.33	7,053.08	307.56	261.09	91.70	-4,867.26	-11,932.65	2,288.86	1,743.32	545.54	4.196		
19,600.00	7,001.00	16,449.19	7,050.28	310.01	257.07	91.63	-4,864.64	-12,080.73	2,290.67	1,744.11	546.56	4.191		
19,696.85	7,001.00	16,319.63	7,051.03	312.39	253.56	91.65	-4,865.10	-12,210.28	2,290.26	1,743.14	547.12	4.186		
19,700.00	7,001.00	16,352.59	7,051.00	312.46	254.46	91.65	-4,864.84	-12,177.32	2,290.33	1,743.88	546.46	4.191		
19,800.00	7,001.00	16,195.07	7,051.43	314.92	250.19	91.66	-4,867.31	-12,334.81	2,288.28	1,740.86	547.42	4.180		
19,900.00	7,001.00	16,068.80	7,051.17	317.39	246.78	91.66	-4,870.44	-12,461.05	2,285.72	1,737.98	547.73	4.173		
20,000.00	7,001.00	15,964.31	7,051.77	319.85	243.96	91.68	-4,874.20	-12,565.47	2,281.97	1,734.21	547.76	4.166		
20,100.00	7,001.00	15,879.64	7,051.60	322.33	241.68	91.68	-4,876.96	-12,650.09	2,278.54	1,730.99	547.55	4.161		
20,200.00	7,001.00	15,774.00	7,051.15	324.81	238.83	91.67	-4,880.24	-12,755.68	2,275.26	1,727.66	547.60	4.155		
20,300.00	7,001.00	15,683.83	7,050.61	327.29	236.39	91.66	-4,883.03	-12,845.80	2,271.99	1,724.54	547.45	4.150		
20,400.00	7,001.00	15,574.58	7,051.50	329.78	233.44	91.68	-4,886.34	-12,954.99	2,268.82	1,721.28	547.55	4.144		
20,500.00	7,001.00	15,485.44	7,052.32	332.27	231.04	91.70	-4,888.94	-13,044.09	2,265.76	1,718.37	547.39	4.139		
20,600.00	7,001.00	15,397.00	7,052.13	334.77	228.65	91.70	-4,891.35	-13,132.50	2,262.91	1,715.70	547.21	4.135		
20,700.00	7,001.00	15,323.11	7,052.42	337.27	226.65	91.71	-4,892.76	-13,206.37	2,260.93	1,714.15	546.77	4.135 SF		
20,796.12	7,001.00	15,253.67	7,053.49	339.67	224.78	91.74	-4,893.03	-13,275.80	2,260.41	1,714.15	546.26	4.138 CC, ES		
20,800.00	7,001.00	15,250.72	7,053.55	339.77	224.70	91.74	-4,893.03	-13,278.75	2,260.41	1,714.17	546.24	4.138		
20,900.00	7,001.00	15,208.00	7,054.33	342.28	223.54	91.76	-4,892.84	-13,321.46	2,261.30	1,716.40	544.91	4.150		
21,000.00	7,001.00	15,113.00	7,056.01	344.79	220.97	91.80	-4,890.20	-13,416.40	2,263.97	1,719.21	544.75	4.156		
21,100.00	7,001.00	15,013.41	7,057.17	347.31	218.27	91.82	-4,886.39	-13,515.92	2,267.66	1,722.94	544.72	4.163		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 5-T6N-R67W - MICKEY 12 - ORIGINAL WELLBORE - WB #1 - Patterson 346												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 1585-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
21,200.00	7,001.00	14,907.19	7,056.92	349.83	215.39	91.82	-4,883.33	-13,622.09	2,270.37	1,725.52	544.86	4.167	
21,300.00	7,001.00	14,783.35	7,054.70	352.35	212.03	91.76	-4,880.48	-13,745.87	2,272.47	1,727.06	545.41	4.167	
21,369.95	7,001.00	14,689.27	7,052.26	354.12	209.48	91.70	-4,879.35	-13,839.91	2,273.14	1,727.21	545.93	4.164	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec 5-T6N-R67W - MICKEY 13 - ORIGINAL WELLBORE - WB #1 - Patterson 346		Offset Site Error:		0.00 usft
Survey Program:		1583-MWD OWSG											Offset Well Error:		0.00 usft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
6,100.00	4,278.34	17,484.00	7,343.44	72.97	282.45	86.65	-5,045.73	-11,141.40	10,101.47	9,988.82	112.65	89.672					
6,200.00	4,334.69	17,484.00	7,343.44	74.50	282.45	86.65	-5,045.73	-11,141.40	10,040.86	9,928.23	112.63	89.150					
6,300.00	4,391.04	17,484.00	7,343.44	76.03	282.45	86.65	-5,045.73	-11,141.40	9,980.88	9,868.26	112.62	88.624					
6,400.00	4,447.40	17,484.00	7,343.44	77.55	282.45	86.65	-5,045.73	-11,141.40	9,921.55	9,808.92	112.63	88.090					
6,500.00	4,503.75	17,484.00	7,343.44	79.08	282.45	86.65	-5,045.73	-11,141.40	9,862.87	9,750.21	112.66	87.547					
6,600.00	4,560.10	17,484.00	7,343.44	80.61	282.45	86.65	-5,045.73	-11,141.40	9,804.86	9,692.15	112.71	86.993					
6,700.00	4,616.45	17,484.00	7,343.44	82.14	282.45	86.65	-5,045.73	-11,141.40	9,747.53	9,634.74	112.79	86.425					
6,800.00	4,672.81	17,484.00	7,343.44	83.67	282.45	86.65	-5,045.73	-11,141.40	9,690.89	9,578.00	112.89	85.841					
6,900.00	4,729.16	17,484.00	7,343.44	85.20	282.45	86.65	-5,045.73	-11,141.40	9,634.96	9,521.93	113.04	85.236					
7,000.00	4,785.51	17,484.00	7,343.44	86.73	282.45	86.65	-5,045.73	-11,141.40	9,579.75	9,466.52	113.23	84.607					
7,100.00	4,841.86	17,484.00	7,343.44	88.26	282.45	86.65	-5,045.73	-11,141.40	9,525.27	9,411.80	113.46	83.951					
7,200.00	4,898.22	17,484.00	7,343.44	89.79	282.45	86.65	-5,045.73	-11,141.40	9,471.53	9,357.77	113.76	83.261					
7,300.00	4,954.57	17,484.00	7,343.44	91.32	282.45	86.65	-5,045.73	-11,141.40	9,418.54	9,304.42	114.12	82.532					
7,400.00	5,010.92	17,484.00	7,343.44	92.85	282.45	86.65	-5,045.73	-11,141.40	9,366.32	9,251.76	114.56	81.759					
7,500.00	5,067.28	17,484.00	7,343.44	94.38	282.45	86.65	-5,045.73	-11,141.40	9,314.89	9,199.79	115.09	80.935					
7,600.00	5,123.63	17,484.00	7,343.44	95.91	282.45	86.65	-5,045.73	-11,141.40	9,264.24	9,148.52	115.73	80.053					
7,700.00	5,179.98	17,484.00	7,343.44	97.44	282.45	86.65	-5,045.73	-11,141.40	9,214.41	9,097.92	116.48	79.106					
7,800.00	5,236.33	17,484.00	7,343.44	98.97	282.45	86.65	-5,045.73	-11,141.40	9,165.39	9,048.02	117.37	78.089					
7,900.00	5,292.69	17,484.00	7,343.44	100.50	282.45	86.65	-5,045.73	-11,141.40	9,117.21	8,998.80	118.41	76.996					
8,000.00	5,349.04	17,484.00	7,343.44	102.03	282.45	86.65	-5,045.73	-11,141.40	9,069.87	8,950.25	119.62	75.822					
8,100.00	5,405.39	17,484.00	7,343.44	103.56	282.45	86.65	-5,045.73	-11,141.40	9,023.40	8,902.38	121.01	74.566					
8,200.00	5,461.74	17,484.00	7,343.44	105.09	282.45	86.65	-5,045.73	-11,141.40	8,977.79	8,855.19	122.60	73.228					
8,300.00	5,518.10	17,484.00	7,343.44	106.62	282.45	86.65	-5,045.73	-11,141.40	8,933.08	8,808.68	124.40	71.811					
8,400.00	5,574.45	17,484.00	7,343.44	108.15	282.45	86.65	-5,045.73	-11,141.40	8,889.26	8,762.86	126.40	70.324					
8,500.00	5,630.80	17,484.00	7,343.44	109.68	282.45	86.65	-5,045.73	-11,141.40	8,846.36	8,717.73	128.63	68.775					
8,600.00	5,687.16	17,484.00	7,343.44	111.21	282.45	86.65	-5,045.73	-11,141.40	8,804.38	8,673.32	131.06	67.177					
8,700.00	5,743.51	17,484.00	7,343.44	112.75	282.45	86.65	-5,045.73	-11,141.40	8,763.35	8,629.64	133.70	65.544					
8,800.00	5,799.86	17,484.00	7,343.44	114.28	282.45	86.65	-5,045.73	-11,141.40	8,723.26	8,586.73	136.54	63.889					
8,900.00	5,856.21	17,484.00	7,343.44	115.81	282.45	86.65	-5,045.73	-11,141.40	8,684.15	8,544.59	139.56	62.227					
9,000.00	5,912.57	17,484.00	7,343.44	117.34	282.45	86.65	-5,045.73	-11,141.40	8,646.01	8,503.27	142.74	60.571					
9,100.00	5,968.92	17,484.00	7,343.44	118.87	282.45	86.65	-5,045.73	-11,141.40	8,608.87	8,462.79	146.08	58.932					
9,200.00	6,025.27	17,484.00	7,343.44	120.40	282.45	86.65	-5,045.73	-11,141.40	8,572.73	8,423.17	149.56	57.319					
9,300.00	6,081.63	17,484.00	7,343.44	121.93	282.45	86.65	-5,045.73	-11,141.40	8,537.61	8,384.45	153.16	55.741					
9,400.00	6,137.98	17,484.00	7,343.44	123.46	282.45	86.65	-5,045.73	-11,141.40	8,503.52	8,346.64	156.88	54.204					
9,500.00	6,194.33	17,484.00	7,343.44	125.00	282.45	86.65	-5,045.73	-11,141.40	8,470.48	8,309.78	160.70	52.711					
9,600.00	6,250.68	17,484.00	7,343.44	126.53	282.45	86.65	-5,045.73	-11,141.40	8,438.49	8,273.89	164.60	51.266					
9,700.00	6,307.04	17,484.00	7,343.44	128.06	282.45	86.65	-5,045.73	-11,141.40	8,407.57	8,238.98	168.58	49.871					
9,800.00	6,363.39	17,484.00	7,343.44	129.59	282.45	86.65	-5,045.73	-11,141.40	8,377.72	8,205.09	172.64	48.528					
9,900.00	6,419.74	17,484.00	7,343.44	131.12	282.45	86.65	-5,045.73	-11,141.40	8,348.97	8,172.22	176.75	47.236					
10,000.00	6,476.09	17,484.00	7,343.44	132.65	282.45	86.65	-5,045.73	-11,141.40	8,321.32	8,140.41	180.92	45.996					
10,100.00	6,532.45	17,484.00	7,343.44	134.18	282.45	86.65	-5,045.73	-11,141.40	8,294.79	8,109.66	185.13	44.806					
10,200.00	6,588.80	17,484.00	7,343.44	135.72	282.45	86.65	-5,045.73	-11,141.40	8,269.38	8,080.00	189.38	43.666					
10,300.00	6,645.15	17,484.00	7,343.44	137.25	282.45	86.65	-5,045.73	-11,141.40	8,245.10	8,051.44	193.66	42.574					
10,400.00	6,701.51	17,484.00	7,343.44	138.78	282.45	86.65	-5,045.73	-11,141.40	8,221.97	8,023.99	197.98	41.529					
10,500.00	6,757.86	17,484.00	7,343.44	140.31	282.45	86.65	-5,045.73	-11,141.40	8,200.00	7,997.68	202.32	40.530					
10,600.00	6,813.28	17,484.00	7,343.44	141.87	282.45	82.71	-5,045.73	-11,141.40	8,175.32	7,968.65	206.67	39.557					
10,700.00	6,864.12	17,484.00	7,343.44	143.49	282.45	78.10	-5,045.73	-11,141.40	8,136.40	7,925.43	210.96	38.568					
10,800.00	6,908.67	17,484.00	7,343.44	145.14	282.45	75.08	-5,045.73	-11,141.40	8,083.35	7,868.29	215.06	37.586					
10,900.00	6,945.58	17,484.00	7,343.44	146.73	282.45	73.92	-5,045.73	-11,141.40	8,017.54	7,798.69	218.85	36.635					
11,000.00	6,973.71	17,484.00	7,343.44	148.22	282.45	75.20	-5,045.73	-11,141.40	7,940.67	7,718.47	222.20	35.737					
11,100.00	6,992.22	17,484.00	7,343.44	149.55	282.45	80.29	-5,045.73	-11,141.40	7,854.78	7,629.79	224.99	34.911					
11,200.00	7,000.54	17,484.00	7,343.44	150.69	282.45	93.06	-5,045.73	-11,141.40	7,762.25	7,535.11	227.13	34.175					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1583-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,300.00	7,001.00	17,484.00	7,343.44	151.65	282.45	99.64	-5,045.73	-11,141.40	7,666.33	7,437.59	228.74	33.516		
11,400.00	7,001.00	17,484.00	7,343.44	152.64	282.45	99.64	-5,045.73	-11,141.40	7,570.36	7,340.01	230.35	32.865		
11,500.00	7,001.00	17,484.00	7,343.44	153.65	282.45	99.64	-5,045.73	-11,141.40	7,474.49	7,242.50	232.00	32.218		
11,600.00	7,001.00	17,484.00	7,343.44	154.69	282.45	99.64	-5,045.73	-11,141.40	7,378.74	7,145.05	233.69	31.575		
11,700.00	7,001.00	17,484.00	7,343.44	155.76	282.45	99.64	-5,045.73	-11,141.40	7,283.09	7,047.67	235.43	30.936		
11,800.00	7,001.00	17,484.00	7,343.44	156.85	282.45	99.64	-5,045.73	-11,141.40	7,187.57	6,950.36	237.21	30.300		
11,900.00	7,001.00	17,484.00	7,343.44	157.98	282.45	99.64	-5,045.73	-11,141.40	7,092.17	6,853.13	239.04	29.669		
12,000.00	7,001.00	17,484.00	7,343.44	159.14	282.45	99.64	-5,045.73	-11,141.40	6,996.90	6,755.97	240.92	29.042		
12,100.00	7,001.00	17,484.00	7,343.44	160.32	282.45	99.64	-5,045.73	-11,141.40	6,901.76	6,658.90	242.86	28.419		
12,200.00	7,001.00	17,484.00	7,343.44	161.54	282.45	99.64	-5,045.73	-11,141.40	6,806.76	6,561.92	244.84	27.801		
12,300.00	7,001.00	17,484.00	7,343.44	162.78	282.45	99.64	-5,045.73	-11,141.40	6,711.91	6,465.02	246.88	27.186		
12,400.00	7,001.00	17,484.00	7,343.44	164.06	282.45	99.64	-5,045.73	-11,141.40	6,617.20	6,368.22	248.98	26.577		
12,500.00	7,001.00	17,484.00	7,343.44	165.36	282.45	99.64	-5,045.73	-11,141.40	6,522.66	6,271.52	251.14	25.972		
12,600.00	7,001.00	17,484.00	7,343.44	166.69	282.45	99.64	-5,045.73	-11,141.40	6,428.28	6,174.92	253.36	25.372		
12,700.00	7,001.00	17,484.00	7,343.44	168.05	282.45	99.64	-5,045.73	-11,141.40	6,334.08	6,078.43	255.65	24.776		
12,800.00	7,001.00	17,484.00	7,343.44	169.44	282.45	99.64	-5,045.73	-11,141.40	6,240.05	5,982.05	258.00	24.186		
12,900.00	7,001.00	17,484.00	7,343.44	170.86	282.45	99.64	-5,045.73	-11,141.40	6,146.21	5,885.79	260.42	23.601		
13,000.00	7,001.00	17,484.00	7,343.44	172.30	282.45	99.64	-5,045.73	-11,141.40	6,052.57	5,789.66	262.92	23.021		
13,100.00	7,001.00	17,484.00	7,343.44	173.78	282.45	99.64	-5,045.73	-11,141.40	5,959.14	5,693.66	265.48	22.446		
13,200.00	7,001.00	17,484.00	7,343.44	175.28	282.45	99.64	-5,045.73	-11,141.40	5,865.92	5,597.79	268.13	21.877		
13,300.00	7,001.00	17,484.00	7,343.44	176.80	282.45	99.64	-5,045.73	-11,141.40	5,772.93	5,502.07	270.86	21.313		
13,400.00	7,001.00	17,484.00	7,343.44	178.36	282.45	99.64	-5,045.73	-11,141.40	5,680.18	5,406.51	273.67	20.755		
13,500.00	7,001.00	17,484.00	7,343.44	179.94	282.45	99.64	-5,045.73	-11,141.40	5,587.68	5,311.11	276.57	20.203		
13,600.00	7,001.00	17,484.00	7,343.44	181.55	282.45	99.64	-5,045.73	-11,141.40	5,495.44	5,215.88	279.56	19.657		
13,700.00	7,001.00	17,484.00	7,343.44	183.18	282.45	99.64	-5,045.73	-11,141.40	5,403.48	5,120.83	282.65	19.117		
13,800.00	7,001.00	17,484.00	7,343.44	184.84	282.45	99.64	-5,045.73	-11,141.40	5,311.81	5,025.97	285.83	18.583		
13,900.00	7,001.00	17,484.00	7,343.44	186.52	282.45	99.64	-5,045.73	-11,141.40	5,220.44	4,931.32	289.12	18.056		
14,000.00	7,001.00	17,484.00	7,343.44	188.23	282.45	99.64	-5,045.73	-11,141.40	5,129.40	4,836.88	292.52	17.535		
14,100.00	7,001.00	17,484.00	7,343.44	189.97	282.45	99.64	-5,045.73	-11,141.40	5,038.69	4,742.67	296.02	17.021		
14,200.00	7,001.00	17,484.00	7,343.44	191.72	282.45	99.64	-5,045.73	-11,141.40	4,948.34	4,648.70	299.65	16.514		
14,300.00	7,001.00	17,484.00	7,343.44	193.50	282.45	99.64	-5,045.73	-11,141.40	4,858.38	4,554.99	303.39	16.014		
14,400.00	7,001.00	17,484.00	7,343.44	195.30	282.45	99.64	-5,045.73	-11,141.40	4,768.81	4,461.55	307.26	15.520		
14,500.00	7,001.00	17,484.00	7,343.44	197.13	282.45	99.64	-5,045.73	-11,141.40	4,679.66	4,368.40	311.26	15.035		
14,600.00	7,001.00	17,484.00	7,343.44	198.98	282.45	99.64	-5,045.73	-11,141.40	4,590.96	4,275.57	315.39	14.556		
14,700.00	7,001.00	17,484.00	7,343.44	200.85	282.45	99.64	-5,045.73	-11,141.40	4,502.74	4,183.07	319.67	14.086		
14,800.00	7,001.00	17,484.00	7,343.44	202.73	282.45	99.64	-5,045.73	-11,141.40	4,415.01	4,090.93	324.09	13.623		
14,900.00	7,001.00	17,484.00	7,343.44	204.64	282.45	99.64	-5,045.73	-11,141.40	4,327.82	3,999.17	328.66	13.168		
15,000.00	7,001.00	17,484.00	7,343.44	206.57	282.45	99.64	-5,045.73	-11,141.40	4,241.20	3,907.81	333.38	12.722		
15,100.00	7,001.00	17,484.00	7,343.44	208.52	282.45	99.64	-5,045.73	-11,141.40	4,155.17	3,816.90	338.27	12.284		
15,200.00	7,001.00	17,484.00	7,343.44	210.49	282.45	99.64	-5,045.73	-11,141.40	4,069.79	3,726.46	343.33	11.854		
15,300.00	7,001.00	17,484.00	7,343.44	212.48	282.45	99.64	-5,045.73	-11,141.40	3,985.08	3,636.53	348.55	11.433		
15,400.00	7,001.00	17,484.00	7,343.44	214.48	282.45	99.64	-5,045.73	-11,141.40	3,901.10	3,547.14	353.96	11.021		
15,500.00	7,001.00	17,484.00	7,343.44	216.51	282.45	99.64	-5,045.73	-11,141.40	3,817.89	3,458.35	359.54	10.619		
15,600.00	7,001.00	17,484.00	7,343.44	218.55	282.45	99.64	-5,045.73	-11,141.40	3,735.50	3,370.19	365.31	10.225		
15,700.00	7,001.00	17,484.00	7,343.44	220.60	282.45	99.64	-5,045.73	-11,141.40	3,654.00	3,282.73	371.27	9.842		
15,800.00	7,001.00	17,484.00	7,343.44	222.68	282.45	99.64	-5,045.73	-11,141.40	3,573.43	3,196.01	377.42	9.468		
15,900.00	7,001.00	17,484.00	7,343.44	224.76	282.45	99.64	-5,045.73	-11,141.40	3,493.87	3,110.10	383.77	9.104		
16,000.00	7,001.00	17,484.00	7,343.44	226.87	282.45	99.64	-5,045.73	-11,141.40	3,415.38	3,025.08	390.30	8.751		
16,100.00	7,001.00	17,484.00	7,343.44	228.99	282.45	99.64	-5,045.73	-11,141.40	3,338.04	2,941.01	397.03	8.407		
16,200.00	7,001.00	17,484.00	7,343.44	231.12	282.45	99.64	-5,045.73	-11,141.40	3,261.94	2,857.99	403.95	8.075		
16,300.00	7,001.00	17,484.00	7,343.44	233.27	282.45	99.64	-5,045.73	-11,141.40	3,187.15	2,776.10	411.05	7.754		
16,400.00	7,001.00	17,484.00	7,343.44	235.43	282.45	99.64	-5,045.73	-11,141.40	3,113.78	2,695.45	418.33	7.443		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design      Sec 5-T6N-R67W - MICKEY 13 - ORIGINAL WELLBORE - WB #1 - Patterson 346													Offset Site Error:	0.00 usft
Survey Program: 1583-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,500.00	7,001.00	17,484.00	7,343.44	237.61	282.45	99.64	-5,045.73	-11,141.40	3,041.93	2,616.15	425.78	7.144		
16,600.00	7,001.00	17,484.00	7,343.44	239.79	282.45	99.64	-5,045.73	-11,141.40	2,971.71	2,538.33	433.38	6.857		
16,700.00	7,001.00	17,484.00	7,343.44	242.00	282.45	99.64	-5,045.73	-11,141.40	2,903.23	2,462.13	441.10	6.582		
16,800.00	7,001.00	17,484.00	7,343.44	244.21	282.45	99.64	-5,045.73	-11,141.40	2,836.63	2,387.69	448.94	6.318		
16,900.00	7,001.00	17,484.00	7,343.44	246.43	282.45	99.64	-5,045.73	-11,141.40	2,772.03	2,315.18	456.86	6.068		
17,000.00	7,001.00	17,484.00	7,343.44	248.67	282.45	99.64	-5,045.73	-11,141.40	2,709.59	2,244.78	464.81	5.829		
17,100.00	7,001.00	17,484.00	7,343.44	250.92	282.45	99.64	-5,045.73	-11,141.40	2,649.45	2,176.68	472.77	5.604		
17,200.00	7,001.00	17,484.00	7,343.44	253.18	282.45	99.64	-5,045.73	-11,141.40	2,591.77	2,111.09	480.68	5.392		
17,300.00	7,001.00	17,484.00	7,343.44	255.45	282.45	99.64	-5,045.73	-11,141.40	2,536.73	2,048.24	488.49	5.193		
17,400.00	7,001.00	17,484.00	7,343.44	257.73	282.45	99.64	-5,045.73	-11,141.40	2,484.49	1,988.37	496.12	5.008		
17,500.00	7,001.00	17,484.00	7,343.44	260.02	282.45	99.64	-5,045.73	-11,141.40	2,435.24	1,931.74	503.50	4.837		
17,600.00	7,001.00	17,484.00	7,343.44	262.32	282.45	99.64	-5,045.73	-11,141.40	2,389.17	1,878.60	510.56	4.679		
17,700.00	7,001.00	17,484.00	7,343.44	264.63	282.45	99.64	-5,045.73	-11,141.40	2,346.45	1,829.24	517.21	4.537		
17,800.00	7,001.00	17,484.00	7,343.44	266.95	282.45	99.64	-5,045.73	-11,141.40	2,307.28	1,783.93	523.34	4.409		
17,900.00	7,001.00	17,484.00	7,343.44	269.28	282.45	99.64	-5,045.73	-11,141.40	2,271.83	1,742.96	528.88	4.296		
18,000.00	7,001.00	17,484.00	7,343.44	271.61	282.45	99.64	-5,045.73	-11,141.40	2,240.30	1,706.59	533.71	4.198		
18,100.00	7,001.00	17,484.00	7,343.44	273.96	282.45	99.64	-5,045.73	-11,141.40	2,212.84	1,675.09	537.75	4.115		
18,200.00	7,001.00	17,484.00	7,343.44	276.31	282.45	99.64	-5,045.73	-11,141.40	2,189.60	1,648.70	540.90	4.048		
18,300.00	7,001.00	17,484.00	7,343.44	278.67	282.45	99.64	-5,045.73	-11,141.40	2,170.73	1,627.63	543.09	3.997		
18,400.00	7,001.00	17,484.00	7,343.44	281.04	282.45	99.64	-5,045.73	-11,141.40	2,156.33	1,612.07	544.26	3.962		
18,500.00	7,001.00	17,484.00	7,343.44	283.42	282.45	99.64	-5,045.73	-11,141.40	2,146.50	1,602.16	544.35	3.943		
18,600.00	7,001.00	17,473.14	7,343.39	285.80	282.15	99.64	-5,046.08	-11,152.26	2,141.27	1,597.79	543.49	3.940		
18,700.00	7,001.00	17,385.11	7,342.97	288.19	279.77	99.64	-5,048.79	-11,240.25	2,138.01	1,594.75	543.26	3.936		
18,800.00	7,001.00	17,309.63	7,342.33	290.59	277.73	99.63	-5,050.26	-11,315.71	2,135.79	1,592.98	542.81	3.935		
18,900.00	7,001.00	17,169.47	7,337.29	293.00	273.94	99.51	-5,052.38	-11,455.74	2,133.68	1,590.14	543.54	3.926		
19,000.00	7,001.00	17,076.12	7,331.29	295.41	271.42	99.36	-5,054.30	-11,548.88	2,130.42	1,586.85	543.57	3.919		
19,100.00	7,001.00	16,945.35	7,316.97	297.83	267.91	98.99	-5,057.71	-11,678.80	2,125.74	1,581.42	544.31	3.905		
19,200.00	7,001.00	16,850.34	7,304.81	300.25	265.37	98.68	-5,059.73	-11,773.01	2,121.46	1,576.91	544.55	3.896		
19,300.00	7,001.00	16,753.69	7,290.54	302.68	262.79	98.31	-5,061.82	-11,868.57	2,116.95	1,572.11	544.84	3.885		
19,400.00	7,001.00	16,669.08	7,277.71	305.12	260.54	97.97	-5,063.01	-11,952.19	2,113.20	1,568.28	544.92	3.878		
19,500.00	7,001.00	16,583.96	7,265.00	307.56	258.26	97.63	-5,063.79	-12,036.36	2,110.09	1,565.13	544.95	3.872		
19,600.00	7,001.00	16,504.68	7,254.24	310.01	256.14	97.34	-5,063.93	-12,114.90	2,107.95	1,563.14	544.80	3.869		
19,700.00	7,001.00	16,425.00	7,244.70	312.46	254.00	97.08	-5,063.64	-12,194.01	2,106.67	1,562.10	544.57	3.869 SF		
19,761.84	7,001.00	16,376.86	7,240.02	313.98	252.70	96.95	-5,063.22	-12,241.91	2,106.39	1,562.05	544.34	3.870 CC, ES		
19,800.00	7,001.00	16,349.80	7,238.03	314.92	251.97	96.90	-5,062.86	-12,268.90	2,106.49	1,562.37	544.11	3.871		
19,900.00	7,001.00	16,299.07	7,235.48	317.39	250.60	96.83	-5,061.73	-12,319.55	2,108.06	1,565.24	542.82	3.884		
20,000.00	7,001.00	16,236.00	7,234.32	319.85	248.89	96.79	-5,058.44	-12,382.52	2,112.47	1,570.82	541.65	3.900		
20,100.00	7,001.00	16,210.22	7,234.42	322.33	248.19	96.78	-5,056.48	-12,408.22	2,119.11	1,580.29	538.82	3.933		
20,200.00	7,001.00	16,142.00	7,235.88	324.81	246.34	96.80	-5,049.74	-12,476.09	2,128.67	1,591.27	537.40	3.961		
20,300.00	7,001.00	15,962.01	7,231.33	327.29	241.46	96.63	-5,034.27	-12,655.24	2,137.07	1,596.33	540.73	3.952		
20,400.00	7,001.00	15,879.80	7,225.16	329.78	239.24	96.45	-5,028.36	-12,737.00	2,143.23	1,603.07	540.16	3.968		
20,500.00	7,001.00	15,645.68	7,217.56	332.27	232.89	96.22	-5,017.80	-12,970.68	2,147.76	1,603.39	544.37	3.945		
20,600.00	7,001.00	15,520.86	7,211.47	334.77	229.51	96.05	-5,017.61	-13,095.34	2,147.13	1,602.15	544.98	3.940		
20,700.00	7,001.00	15,376.83	7,201.20	337.27	225.62	95.79	-5,018.56	-13,238.99	2,145.64	1,599.74	545.90	3.930		
20,800.00	7,001.00	15,296.00	7,194.47	339.77	223.45	95.61	-5,019.54	-13,319.54	2,143.42	1,597.75	545.67	3.928		
20,900.00	7,001.00	15,235.48	7,190.33	342.28	221.81	95.50	-5,019.53	-13,379.91	2,142.56	1,597.64	544.92	3.932		
20,904.45	7,001.00	15,232.66	7,190.17	342.39	221.74	95.49	-5,019.51	-13,382.73	2,142.56	1,597.67	544.89	3.932		
21,000.00	7,001.00	15,162.60	7,187.18	344.79	219.84	95.41	-5,018.53	-13,452.72	2,143.31	1,599.00	544.31	3.938		
21,100.00	7,001.00	15,059.63	7,186.08	347.31	217.05	95.38	-5,016.72	-13,555.66	2,144.81	1,600.43	544.38	3.940		
21,200.00	7,001.00	14,887.15	7,183.43	349.83	212.38	95.31	-5,017.27	-13,728.10	2,144.14	1,598.25	545.89	3.928		
21,300.00	7,001.00	14,786.68	7,178.31	352.35	209.67	95.18	-5,019.04	-13,828.42	2,141.74	1,595.80	545.95	3.923		
21,369.95	7,001.00	14,713.30	7,174.09	354.12	207.69	95.07	-5,020.09	-13,901.68	2,140.29	1,594.24	546.05	3.920		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Civitas Resources

### Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1652-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,600.00	7,001.00	17,140.00	7,404.68	154.69	269.49	153.78	-6,941.21	-14,220.35	10,148.39	9,985.06	163.32	62.136		
11,700.00	7,001.00	17,140.00	7,404.68	155.76	269.49	153.78	-6,941.21	-14,220.35	10,048.50	9,885.11	163.39	61.501		
11,800.00	7,001.00	17,140.00	7,404.68	156.85	269.49	153.78	-6,941.21	-14,220.35	9,948.61	9,785.16	163.45	60.867		
11,900.00	7,001.00	17,140.00	7,404.68	157.98	269.49	153.78	-6,941.21	-14,220.35	9,848.73	9,685.21	163.51	60.232		
12,000.00	7,001.00	17,140.00	7,404.68	159.14	269.49	153.78	-6,941.21	-14,220.35	9,748.84	9,585.26	163.58	59.597		
12,100.00	7,001.00	17,140.00	7,404.68	160.32	269.49	153.78	-6,941.21	-14,220.35	9,648.96	9,485.31	163.65	58.961		
12,200.00	7,001.00	17,140.00	7,404.68	161.54	269.49	153.78	-6,941.21	-14,220.35	9,549.09	9,385.37	163.72	58.326		
12,300.00	7,001.00	17,140.00	7,404.68	162.78	269.49	153.78	-6,941.21	-14,220.35	9,449.21	9,285.42	163.79	57.691		
12,400.00	7,001.00	17,140.00	7,404.68	164.06	269.49	153.78	-6,941.21	-14,220.35	9,349.34	9,185.48	163.86	57.056		
12,500.00	7,001.00	17,140.00	7,404.68	165.36	269.49	153.78	-6,941.21	-14,220.35	9,249.47	9,085.53	163.94	56.421		
12,600.00	7,001.00	17,140.00	7,404.68	166.69	269.49	153.78	-6,941.21	-14,220.35	9,149.60	8,985.59	164.01	55.786		
12,700.00	7,001.00	17,140.00	7,404.68	168.05	269.49	153.78	-6,941.21	-14,220.35	9,049.74	8,885.65	164.09	55.150		
12,800.00	7,001.00	17,140.00	7,404.68	169.44	269.49	153.78	-6,941.21	-14,220.35	8,949.88	8,785.70	164.17	54.515		
12,900.00	7,001.00	17,140.00	7,404.68	170.86	269.49	153.78	-6,941.21	-14,220.35	8,850.02	8,685.76	164.25	53.880		
13,000.00	7,001.00	17,140.00	7,404.68	172.30	269.49	153.78	-6,941.21	-14,220.35	8,750.16	8,585.83	164.34	53.244		
13,100.00	7,001.00	17,140.00	7,404.68	173.78	269.49	153.78	-6,941.21	-14,220.35	8,650.31	8,485.89	164.43	52.609		
13,200.00	7,001.00	17,140.00	7,404.68	175.28	269.49	153.78	-6,941.21	-14,220.35	8,550.47	8,385.95	164.52	51.974		
13,300.00	7,001.00	17,140.00	7,404.68	176.80	269.49	153.78	-6,941.21	-14,220.35	8,450.62	8,286.02	164.61	51.338		
13,400.00	7,001.00	17,140.00	7,404.68	178.36	269.49	153.78	-6,941.21	-14,220.35	8,350.78	8,186.08	164.70	50.703		
13,500.00	7,001.00	17,140.00	7,404.68	179.94	269.49	153.78	-6,941.21	-14,220.35	8,250.94	8,086.15	164.80	50.067		
13,600.00	7,001.00	17,140.00	7,404.68	181.55	269.49	153.78	-6,941.21	-14,220.35	8,151.11	7,986.22	164.90	49.432		
13,700.00	7,001.00	17,140.00	7,404.68	183.18	269.49	153.78	-6,941.21	-14,220.35	8,051.28	7,886.29	165.00	48.796		
13,800.00	7,001.00	17,140.00	7,404.68	184.84	269.49	153.78	-6,941.21	-14,220.35	7,951.46	7,786.36	165.10	48.161		
13,900.00	7,001.00	17,140.00	7,404.68	186.52	269.49	153.78	-6,941.21	-14,220.35	7,851.64	7,686.43	165.21	47.525		
14,000.00	7,001.00	17,140.00	7,404.68	188.23	269.49	153.78	-6,941.21	-14,220.35	7,751.83	7,586.51	165.32	46.890		
14,100.00	7,001.00	17,140.00	7,404.68	189.97	269.49	153.78	-6,941.21	-14,220.35	7,652.02	7,486.58	165.43	46.254		
14,200.00	7,001.00	17,140.00	7,404.68	191.72	269.49	153.78	-6,941.21	-14,220.35	7,552.21	7,386.66	165.55	45.619		
14,300.00	7,001.00	17,140.00	7,404.68	193.50	269.49	153.78	-6,941.21	-14,220.35	7,452.41	7,286.74	165.67	44.983		
14,400.00	7,001.00	17,140.00	7,404.68	195.30	269.49	153.78	-6,941.21	-14,220.35	7,352.62	7,186.82	165.80	44.347		
14,500.00	7,001.00	17,140.00	7,404.68	197.13	269.49	153.78	-6,941.21	-14,220.35	7,252.83	7,086.90	165.92	43.712		
14,600.00	7,001.00	17,140.00	7,404.68	198.98	269.49	153.78	-6,941.21	-14,220.35	7,153.04	6,986.99	166.06	43.076		
14,700.00	7,001.00	17,140.00	7,404.68	200.85	269.49	153.78	-6,941.21	-14,220.35	7,053.27	6,887.08	166.19	42.440		
14,800.00	7,001.00	17,140.00	7,404.68	202.73	269.49	153.78	-6,941.21	-14,220.35	6,953.50	6,787.17	166.33	41.805		
14,900.00	7,001.00	17,140.00	7,404.68	204.64	269.49	153.78	-6,941.21	-14,220.35	6,853.73	6,687.26	166.48	41.169		
15,000.00	7,001.00	17,140.00	7,404.68	206.57	269.49	153.78	-6,941.21	-14,220.35	6,753.98	6,587.35	166.63	40.533		
15,100.00	7,001.00	17,140.00	7,404.68	208.52	269.49	153.78	-6,941.21	-14,220.35	6,654.23	6,487.45	166.78	39.897		
15,200.00	7,001.00	17,140.00	7,404.68	210.49	269.49	153.78	-6,941.21	-14,220.35	6,554.49	6,387.54	166.94	39.262		
15,300.00	7,001.00	17,140.00	7,404.68	212.48	269.49	153.78	-6,941.21	-14,220.35	6,454.75	6,287.64	167.11	38.626		
15,400.00	7,001.00	17,140.00	7,404.68	214.48	269.49	153.78	-6,941.21	-14,220.35	6,355.03	6,187.75	167.28	37.990		
15,500.00	7,001.00	17,140.00	7,404.68	216.51	269.49	153.78	-6,941.21	-14,220.35	6,255.31	6,087.85	167.46	37.354		
15,600.00	7,001.00	17,140.00	7,404.68	218.55	269.49	153.78	-6,941.21	-14,220.35	6,155.60	5,987.96	167.64	36.718		
15,700.00	7,001.00	17,140.00	7,404.68	220.60	269.49	153.78	-6,941.21	-14,220.35	6,055.91	5,888.07	167.84	36.082		
15,800.00	7,001.00	17,140.00	7,404.68	222.68	269.49	153.78	-6,941.21	-14,220.35	5,956.22	5,788.19	168.03	35.447		
15,900.00	7,001.00	17,140.00	7,404.68	224.76	269.49	153.78	-6,941.21	-14,220.35	5,856.54	5,688.30	168.24	34.811		
16,000.00	7,001.00	17,140.00	7,404.68	226.87	269.49	153.78	-6,941.21	-14,220.35	5,756.88	5,588.42	168.45	34.175		
16,100.00	7,001.00	17,140.00	7,404.68	228.99	269.49	153.78	-6,941.21	-14,220.35	5,657.22	5,488.55	168.68	33.539		
16,200.00	7,001.00	17,140.00	7,404.68	231.12	269.49	153.78	-6,941.21	-14,220.35	5,557.58	5,388.67	168.91	32.903		
16,300.00	7,001.00	17,140.00	7,404.68	233.27	269.49	153.78	-6,941.21	-14,220.35	5,457.95	5,288.80	169.15	32.267		
16,400.00	7,001.00	17,140.00	7,404.68	235.43	269.49	153.78	-6,941.21	-14,220.35	5,358.34	5,188.94	169.40	31.631		
16,500.00	7,001.00	17,140.00	7,404.68	237.61	269.49	153.78	-6,941.21	-14,220.35	5,258.74	5,089.07	169.67	30.994		
16,600.00	7,001.00	17,140.00	7,404.68	239.79	269.49	153.78	-6,941.21	-14,220.35	5,159.16	4,989.21	169.94	30.358		
16,700.00	7,001.00	17,140.00	7,404.68	242.00	269.49	153.78	-6,941.21	-14,220.35	5,059.59	4,889.36	170.23	29.722		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1652-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,800.00	7,001.00	17,140.00	7,404.68	244.21	269.49	153.78	-6,941.21	-14,220.35	4,960.04	4,789.51	170.53	29.086		
16,900.00	7,001.00	17,140.00	7,404.68	246.43	269.49	153.78	-6,941.21	-14,220.35	4,860.51	4,689.66	170.84	28.450		
17,000.00	7,001.00	17,140.00	7,404.68	248.67	269.49	153.78	-6,941.21	-14,220.35	4,760.99	4,589.82	171.17	27.814		
17,100.00	7,001.00	17,140.00	7,404.68	250.92	269.49	153.78	-6,941.21	-14,220.35	4,661.50	4,489.98	171.52	27.178		
17,200.00	7,001.00	17,140.00	7,404.68	253.18	269.49	153.78	-6,941.21	-14,220.35	4,562.03	4,390.15	171.88	26.541		
17,300.00	7,001.00	17,140.00	7,404.68	255.45	269.49	153.78	-6,941.21	-14,220.35	4,462.59	4,290.32	172.27	25.905		
17,400.00	7,001.00	17,140.00	7,404.68	257.73	269.49	153.78	-6,941.21	-14,220.35	4,363.17	4,190.50	172.67	25.269		
17,500.00	7,001.00	17,140.00	7,404.68	260.02	269.49	153.78	-6,941.21	-14,220.35	4,263.77	4,090.68	173.09	24.633		
17,600.00	7,001.00	17,140.00	7,404.68	262.32	269.49	153.78	-6,941.21	-14,220.35	4,164.41	3,990.87	173.54	23.996		
17,700.00	7,001.00	17,140.00	7,404.68	264.63	269.49	153.78	-6,941.21	-14,220.35	4,065.08	3,891.06	174.02	23.360		
17,800.00	7,001.00	17,140.00	7,404.68	266.95	269.49	153.78	-6,941.21	-14,220.35	3,965.78	3,791.26	174.52	22.724		
17,900.00	7,001.00	17,140.00	7,404.68	269.28	269.49	153.78	-6,941.21	-14,220.35	3,866.52	3,691.47	175.05	22.088		
18,000.00	7,001.00	17,140.00	7,404.68	271.61	269.49	153.78	-6,941.21	-14,220.35	3,767.29	3,591.68	175.61	21.452		
18,100.00	7,001.00	17,140.00	7,404.68	273.96	269.49	153.78	-6,941.21	-14,220.35	3,668.11	3,491.89	176.22	20.816		
18,200.00	7,001.00	17,140.00	7,404.68	276.31	269.49	153.78	-6,941.21	-14,220.35	3,568.97	3,392.12	176.85	20.180		
18,300.00	7,001.00	17,140.00	7,404.68	278.67	269.49	153.78	-6,941.21	-14,220.35	3,469.89	3,292.35	177.54	19.545		
18,400.00	7,001.00	17,140.00	7,404.68	281.04	269.49	153.78	-6,941.21	-14,220.35	3,370.85	3,192.59	178.27	18.909		
18,500.00	7,001.00	17,140.00	7,404.68	283.42	269.49	153.78	-6,941.21	-14,220.35	3,271.88	3,092.83	179.05	18.274		
18,600.00	7,001.00	17,140.00	7,404.68	285.80	269.49	153.78	-6,941.21	-14,220.35	3,172.97	2,993.09	179.88	17.639		
18,700.00	7,001.00	17,140.00	7,404.68	288.19	269.49	153.78	-6,941.21	-14,220.35	3,074.13	2,893.35	180.78	17.004		
18,800.00	7,001.00	17,140.00	7,404.68	290.59	269.49	153.78	-6,941.21	-14,220.35	2,975.37	2,793.62	181.75	16.370		
18,900.00	7,001.00	17,140.00	7,404.68	293.00	269.49	153.78	-6,941.21	-14,220.35	2,876.69	2,693.89	182.80	15.737		
19,000.00	7,001.00	17,140.00	7,404.68	295.41	269.49	153.78	-6,941.21	-14,220.35	2,778.11	2,594.18	183.93	15.104		
19,100.00	7,001.00	17,140.00	7,404.68	297.83	269.49	153.78	-6,941.21	-14,220.35	2,679.64	2,494.47	185.16	14.472		
19,200.00	7,001.00	17,140.00	7,404.68	300.25	269.49	153.78	-6,941.21	-14,220.35	2,581.28	2,394.78	186.50	13.841		
19,300.00	7,001.00	17,140.00	7,404.68	302.68	269.49	153.78	-6,941.21	-14,220.35	2,483.05	2,295.09	187.96	13.211		
19,400.00	7,001.00	17,140.00	7,404.68	305.12	269.49	153.78	-6,941.21	-14,220.35	2,384.97	2,195.41	189.55	12.582		
19,500.00	7,001.00	17,140.00	7,404.68	307.56	269.49	153.78	-6,941.21	-14,220.35	2,287.05	2,095.75	191.30	11.955		
19,600.00	7,001.00	17,140.00	7,404.68	310.01	269.49	153.78	-6,941.21	-14,220.35	2,189.33	1,996.10	193.23	11.330		
19,700.00	7,001.00	17,140.00	7,404.68	312.46	269.49	153.78	-6,941.21	-14,220.35	2,091.82	1,896.46	195.36	10.708		
19,800.00	7,001.00	17,140.00	7,404.68	314.92	269.49	153.78	-6,941.21	-14,220.35	1,994.55	1,796.84	197.72	10.088		
19,900.00	7,001.00	17,140.00	7,404.68	317.39	269.49	153.78	-6,941.21	-14,220.35	1,897.57	1,697.23	200.34	9.472		
20,000.00	7,001.00	17,140.00	7,404.68	319.85	269.49	153.78	-6,941.21	-14,220.35	1,800.92	1,597.65	203.27	8.860		
20,100.00	7,001.00	17,140.00	7,404.68	322.33	269.49	153.78	-6,941.21	-14,220.35	1,704.66	1,498.10	206.56	8.253		
20,200.00	7,001.00	17,140.00	7,404.68	324.81	269.49	153.78	-6,941.21	-14,220.35	1,608.85	1,398.59	210.26	7.652		
20,300.00	7,001.00	17,140.00	7,404.68	327.29	269.49	153.78	-6,941.21	-14,220.35	1,513.59	1,299.14	214.45	7.058		
20,400.00	7,001.00	17,140.00	7,404.68	329.78	269.49	153.78	-6,941.21	-14,220.35	1,418.98	1,199.76	219.22	6.473		
20,500.00	7,001.00	17,140.00	7,404.68	332.27	269.49	153.78	-6,941.21	-14,220.35	1,325.15	1,100.49	224.67	5.898		
20,600.00	7,001.00	17,140.00	7,404.68	334.77	269.49	153.78	-6,941.21	-14,220.35	1,232.31	1,001.39	230.92	5.337		
20,700.00	7,001.00	17,140.00	7,404.68	337.27	269.49	153.78	-6,941.21	-14,220.35	1,140.67	902.53	238.13	4.790		
20,800.00	7,001.00	17,140.00	7,404.68	339.77	269.49	153.78	-6,941.21	-14,220.35	1,050.55	804.07	246.48	4.262		
20,900.00	7,001.00	17,140.00	7,404.68	342.28	269.49	153.78	-6,941.21	-14,220.35	962.39	706.22	256.17	3.757		
21,000.00	7,001.00	17,140.00	7,404.68	344.79	269.49	153.78	-6,941.21	-14,220.35	876.78	609.37	267.41	3.279		
21,100.00	7,001.00	17,140.00	7,404.68	347.31	269.49	153.78	-6,941.21	-14,220.35	794.54	514.18	280.36	2.834		
21,200.00	7,001.00	17,140.00	7,404.68	349.83	269.49	153.78	-6,941.21	-14,220.35	716.82	421.78	295.04	2.430		
21,300.00	7,001.00	17,140.00	7,404.68	352.35	269.49	153.78	-6,941.21	-14,220.35	645.27	334.16	311.11	2.074		
21,369.95	7,001.00	17,140.00	7,404.68	354.12	269.49	153.78	-6,941.21	-14,220.35	600.07	277.43	322.64	1.860 CC, ES, SF		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1655-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,600.00	7,001.00	16,920.00	7,238.92	154.69	269.68	171.60	-7,112.47	-14,214.71	10,134.77	9,972.43	162.34	62.429		
11,700.00	7,001.00	16,920.00	7,238.92	155.76	269.68	171.60	-7,112.47	-14,214.71	10,034.80	9,872.45	162.35	61.809		
11,800.00	7,001.00	16,920.00	7,238.92	156.85	269.68	171.60	-7,112.47	-14,214.71	9,934.84	9,772.47	162.36	61.188		
11,900.00	7,001.00	16,920.00	7,238.92	157.98	269.68	171.60	-7,112.47	-14,214.71	9,834.87	9,672.50	162.38	60.568		
12,000.00	7,001.00	16,920.00	7,238.92	159.14	269.68	171.60	-7,112.47	-14,214.71	9,734.91	9,572.52	162.39	59.948		
12,100.00	7,001.00	16,920.00	7,238.92	160.32	269.68	171.60	-7,112.47	-14,214.71	9,634.95	9,472.54	162.40	59.327		
12,200.00	7,001.00	16,920.00	7,238.92	161.54	269.68	171.60	-7,112.47	-14,214.71	9,534.98	9,372.57	162.42	58.707		
12,300.00	7,001.00	16,920.00	7,238.92	162.78	269.68	171.60	-7,112.47	-14,214.71	9,435.02	9,272.59	162.43	58.086		
12,400.00	7,001.00	16,920.00	7,238.92	164.06	269.68	171.60	-7,112.47	-14,214.71	9,335.06	9,172.62	162.44	57.466		
12,500.00	7,001.00	16,920.00	7,238.92	165.36	269.68	171.60	-7,112.47	-14,214.71	9,235.10	9,072.64	162.46	56.846		
12,600.00	7,001.00	16,920.00	7,238.92	166.69	269.68	171.60	-7,112.47	-14,214.71	9,135.14	8,972.67	162.47	56.225		
12,700.00	7,001.00	16,920.00	7,238.92	168.05	269.68	171.60	-7,112.47	-14,214.71	9,035.18	8,872.69	162.49	55.605		
12,800.00	7,001.00	16,920.00	7,238.92	169.44	269.68	171.60	-7,112.47	-14,214.71	8,935.23	8,772.72	162.50	54.985		
12,900.00	7,001.00	16,920.00	7,238.92	170.86	269.68	171.60	-7,112.47	-14,214.71	8,835.27	8,672.75	162.52	54.364		
13,000.00	7,001.00	16,920.00	7,238.92	172.30	269.68	171.60	-7,112.47	-14,214.71	8,735.31	8,572.78	162.54	53.744		
13,100.00	7,001.00	16,920.00	7,238.92	173.78	269.68	171.60	-7,112.47	-14,214.71	8,635.36	8,472.81	162.55	53.124		
13,200.00	7,001.00	16,920.00	7,238.92	175.28	269.68	171.60	-7,112.47	-14,214.71	8,535.41	8,372.84	162.57	52.503		
13,300.00	7,001.00	16,920.00	7,238.92	176.80	269.68	171.60	-7,112.47	-14,214.71	8,435.45	8,272.87	162.59	51.883		
13,400.00	7,001.00	16,920.00	7,238.92	178.36	269.68	171.60	-7,112.47	-14,214.71	8,335.50	8,172.90	162.60	51.263		
13,500.00	7,001.00	16,920.00	7,238.92	179.94	269.68	171.60	-7,112.47	-14,214.71	8,235.55	8,072.93	162.62	50.642		
13,600.00	7,001.00	16,920.00	7,238.92	181.55	269.68	171.60	-7,112.47	-14,214.71	8,135.61	7,972.97	162.64	50.022		
13,700.00	7,001.00	16,920.00	7,238.92	183.18	269.68	171.60	-7,112.47	-14,214.71	8,035.66	7,873.00	162.66	49.402		
13,800.00	7,001.00	16,920.00	7,238.92	184.84	269.68	171.60	-7,112.47	-14,214.71	7,935.71	7,773.04	162.68	48.782		
13,900.00	7,001.00	16,920.00	7,238.92	186.52	269.68	171.60	-7,112.47	-14,214.71	7,835.77	7,673.07	162.70	48.162		
14,000.00	7,001.00	16,920.00	7,238.92	188.23	269.68	171.60	-7,112.47	-14,214.71	7,735.83	7,573.11	162.72	47.542		
14,100.00	7,001.00	16,920.00	7,238.92	189.97	269.68	171.60	-7,112.47	-14,214.71	7,635.88	7,473.15	162.74	46.921		
14,200.00	7,001.00	16,920.00	7,238.92	191.72	269.68	171.60	-7,112.47	-14,214.71	7,535.94	7,373.19	162.76	46.301		
14,300.00	7,001.00	16,920.00	7,238.92	193.50	269.68	171.60	-7,112.47	-14,214.71	7,436.01	7,273.23	162.78	45.681		
14,400.00	7,001.00	16,920.00	7,238.92	195.30	269.68	171.60	-7,112.47	-14,214.71	7,336.07	7,173.27	162.80	45.061		
14,500.00	7,001.00	16,920.00	7,238.92	197.13	269.68	171.60	-7,112.47	-14,214.71	7,236.13	7,073.31	162.82	44.442		
14,600.00	7,001.00	16,920.00	7,238.92	198.98	269.68	171.60	-7,112.47	-14,214.71	7,136.20	6,973.35	162.85	43.822		
14,700.00	7,001.00	16,920.00	7,238.92	200.85	269.68	171.60	-7,112.47	-14,214.71	7,036.27	6,873.40	162.87	43.202		
14,800.00	7,001.00	16,920.00	7,238.92	202.73	269.68	171.60	-7,112.47	-14,214.71	6,936.34	6,773.45	162.89	42.582		
14,900.00	7,001.00	16,920.00	7,238.92	204.64	269.68	171.60	-7,112.47	-14,214.71	6,836.41	6,673.49	162.92	41.962		
15,000.00	7,001.00	16,920.00	7,238.92	206.57	269.68	171.60	-7,112.47	-14,214.71	6,736.49	6,573.54	162.94	41.342		
15,100.00	7,001.00	16,920.00	7,238.92	208.52	269.68	171.60	-7,112.47	-14,214.71	6,636.56	6,473.60	162.97	40.723		
15,200.00	7,001.00	16,920.00	7,238.92	210.49	269.68	171.60	-7,112.47	-14,214.71	6,536.64	6,373.65	163.00	40.103		
15,300.00	7,001.00	16,920.00	7,238.92	212.48	269.68	171.60	-7,112.47	-14,214.71	6,436.73	6,273.70	163.02	39.484		
15,400.00	7,001.00	16,920.00	7,238.92	214.48	269.68	171.60	-7,112.47	-14,214.71	6,336.81	6,173.76	163.05	38.864		
15,500.00	7,001.00	16,920.00	7,238.92	216.51	269.68	171.60	-7,112.47	-14,214.71	6,236.90	6,073.82	163.08	38.245		
15,600.00	7,001.00	16,920.00	7,238.92	218.55	269.68	171.60	-7,112.47	-14,214.71	6,136.99	5,973.88	163.11	37.625		
15,700.00	7,001.00	16,920.00	7,238.92	220.60	269.68	171.60	-7,112.47	-14,214.71	6,037.08	5,873.94	163.14	37.006		
15,800.00	7,001.00	16,920.00	7,238.92	222.68	269.68	171.60	-7,112.47	-14,214.71	5,937.18	5,774.01	163.17	36.387		
15,900.00	7,001.00	16,920.00	7,238.92	224.76	269.68	171.60	-7,112.47	-14,214.71	5,837.28	5,674.08	163.20	35.767		
16,000.00	7,001.00	16,920.00	7,238.92	226.87	269.68	171.60	-7,112.47	-14,214.71	5,737.38	5,574.15	163.23	35.148		
16,100.00	7,001.00	16,920.00	7,238.92	228.99	269.68	171.60	-7,112.47	-14,214.71	5,637.49	5,474.22	163.27	34.529		
16,200.00	7,001.00	16,920.00	7,238.92	231.12	269.68	171.60	-7,112.47	-14,214.71	5,537.60	5,374.30	163.30	33.910		
16,300.00	7,001.00	16,920.00	7,238.92	233.27	269.68	171.60	-7,112.47	-14,214.71	5,437.71	5,274.38	163.34	33.291		
16,400.00	7,001.00	16,920.00	7,238.92	235.43	269.68	171.60	-7,112.47	-14,214.71	5,337.83	5,174.46	163.37	32.672		
16,500.00	7,001.00	16,920.00	7,238.92	237.61	269.68	171.60	-7,112.47	-14,214.71	5,237.96	5,074.54	163.41	32.054		
16,600.00	7,001.00	16,920.00	7,238.92	239.79	269.68	171.60	-7,112.47	-14,214.71	5,138.08	4,974.63	163.45	31.435		
16,700.00	7,001.00	16,920.00	7,238.92	242.00	269.68	171.60	-7,112.47	-14,214.71	5,038.22	4,874.72	163.49	30.816		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1655-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,800.00	7,001.00	16,920.00	7,238.92	244.21	269.68	171.60	-7,112.47	-14,214.71	4,938.36	4,774.82	163.54	30.198		
16,900.00	7,001.00	16,920.00	7,238.92	246.43	269.68	171.60	-7,112.47	-14,214.71	4,838.50	4,674.92	163.58	29.579		
17,000.00	7,001.00	16,920.00	7,238.92	248.67	269.68	171.60	-7,112.47	-14,214.71	4,738.65	4,575.03	163.62	28.961		
17,100.00	7,001.00	16,920.00	7,238.92	250.92	269.68	171.60	-7,112.47	-14,214.71	4,638.81	4,475.14	163.67	28.342		
17,200.00	7,001.00	16,920.00	7,238.92	253.18	269.68	171.60	-7,112.47	-14,214.71	4,538.97	4,375.25	163.72	27.724		
17,300.00	7,001.00	16,920.00	7,238.92	255.45	269.68	171.60	-7,112.47	-14,214.71	4,439.14	4,275.37	163.77	27.106		
17,400.00	7,001.00	16,920.00	7,238.92	257.73	269.68	171.60	-7,112.47	-14,214.71	4,339.32	4,175.50	163.83	26.487		
17,500.00	7,001.00	16,920.00	7,238.92	260.02	269.68	171.60	-7,112.47	-14,214.71	4,239.51	4,075.63	163.88	25.869		
17,600.00	7,001.00	16,920.00	7,238.92	262.32	269.68	171.60	-7,112.47	-14,214.71	4,139.71	3,975.77	163.94	25.251		
17,700.00	7,001.00	16,920.00	7,238.92	264.63	269.68	171.60	-7,112.47	-14,214.71	4,039.91	3,875.91	164.00	24.633		
17,800.00	7,001.00	16,920.00	7,238.92	266.95	269.68	171.60	-7,112.47	-14,214.71	3,940.13	3,776.06	164.07	24.015		
17,900.00	7,001.00	16,920.00	7,238.92	269.28	269.68	171.60	-7,112.47	-14,214.71	3,840.36	3,676.22	164.14	23.397		
18,000.00	7,001.00	16,920.00	7,238.92	271.61	269.68	171.60	-7,112.47	-14,214.71	3,740.60	3,576.39	164.21	22.780		
18,100.00	7,001.00	16,920.00	7,238.92	273.96	269.68	171.60	-7,112.47	-14,214.71	3,640.85	3,476.57	164.28	22.162		
18,200.00	7,001.00	16,920.00	7,238.92	276.31	269.68	171.60	-7,112.47	-14,214.71	3,541.12	3,376.76	164.36	21.544		
18,300.00	7,001.00	16,920.00	7,238.92	278.67	269.68	171.60	-7,112.47	-14,214.71	3,441.41	3,276.96	164.45	20.927		
18,400.00	7,001.00	16,920.00	7,238.92	281.04	269.68	171.60	-7,112.47	-14,214.71	3,341.71	3,177.17	164.54	20.309		
18,500.00	7,001.00	16,920.00	7,238.92	283.42	269.68	171.60	-7,112.47	-14,214.71	3,242.03	3,077.39	164.64	19.692		
18,600.00	7,001.00	16,920.00	7,238.92	285.80	269.68	171.60	-7,112.47	-14,214.71	3,142.37	2,977.62	164.74	19.074		
18,700.00	7,001.00	16,920.00	7,238.92	288.19	269.68	171.60	-7,112.47	-14,214.71	3,042.73	2,877.87	164.85	18.457		
18,800.00	7,001.00	16,920.00	7,238.92	290.59	269.68	171.60	-7,112.47	-14,214.71	2,943.11	2,778.14	164.97	17.840		
18,900.00	7,001.00	16,920.00	7,238.92	293.00	269.68	171.60	-7,112.47	-14,214.71	2,843.53	2,678.42	165.10	17.223		
19,000.00	7,001.00	16,920.00	7,238.92	295.41	269.68	171.60	-7,112.47	-14,214.71	2,743.97	2,578.72	165.25	16.605		
19,100.00	7,001.00	16,920.00	7,238.92	297.83	269.68	171.60	-7,112.47	-14,214.71	2,644.45	2,479.05	165.40	15.988		
19,200.00	7,001.00	16,920.00	7,238.92	300.25	269.68	171.60	-7,112.47	-14,214.71	2,544.96	2,379.39	165.57	15.371		
19,300.00	7,001.00	16,920.00	7,238.92	302.68	269.68	171.60	-7,112.47	-14,214.71	2,445.52	2,279.76	165.76	14.754		
19,400.00	7,001.00	16,920.00	7,238.92	305.12	269.68	171.60	-7,112.47	-14,214.71	2,346.12	2,180.16	165.96	14.137		
19,500.00	7,001.00	16,920.00	7,238.92	307.56	269.68	171.60	-7,112.47	-14,214.71	2,246.78	2,080.59	166.19	13.519		
19,600.00	7,001.00	16,920.00	7,238.92	310.01	269.68	171.60	-7,112.47	-14,214.71	2,147.49	1,981.05	166.44	12.902		
19,700.00	7,001.00	16,920.00	7,238.92	312.46	269.68	171.60	-7,112.47	-14,214.71	2,048.28	1,881.55	166.73	12.285		
19,800.00	7,001.00	16,920.00	7,238.92	314.92	269.68	171.60	-7,112.47	-14,214.71	1,949.15	1,782.10	167.05	11.668		
19,900.00	7,001.00	16,920.00	7,238.92	317.39	269.68	171.60	-7,112.47	-14,214.71	1,850.11	1,682.69	167.42	11.051		
20,000.00	7,001.00	16,920.00	7,238.92	319.85	269.68	171.60	-7,112.47	-14,214.71	1,751.18	1,583.34	167.84	10.433		
20,100.00	7,001.00	16,920.00	7,238.92	322.33	269.68	171.60	-7,112.47	-14,214.71	1,652.38	1,484.05	168.33	9.816		
20,200.00	7,001.00	16,920.00	7,238.92	324.81	269.68	171.60	-7,112.47	-14,214.71	1,553.74	1,384.83	168.91	9.199		
20,300.00	7,001.00	16,920.00	7,238.92	327.29	269.68	171.60	-7,112.47	-14,214.71	1,455.28	1,285.70	169.58	8.582		
20,400.00	7,001.00	16,920.00	7,238.92	329.78	269.68	171.60	-7,112.47	-14,214.71	1,357.04	1,186.66	170.38	7.965		
20,500.00	7,001.00	16,920.00	7,238.92	332.27	269.68	171.60	-7,112.47	-14,214.71	1,259.08	1,087.74	171.35	7.348		
20,600.00	7,001.00	16,920.00	7,238.92	334.77	269.68	171.60	-7,112.47	-14,214.71	1,161.47	988.95	172.52	6.732		
20,700.00	7,001.00	16,920.00	7,238.92	337.27	269.68	171.60	-7,112.47	-14,214.71	1,064.30	890.32	173.98	6.117		
20,800.00	7,001.00	16,920.00	7,238.92	339.77	269.68	171.60	-7,112.47	-14,214.71	967.71	791.90	175.81	5.504		
20,900.00	7,001.00	16,920.00	7,238.92	342.28	269.68	171.60	-7,112.47	-14,214.71	871.89	693.75	178.14	4.894		
21,000.00	7,001.00	16,920.00	7,238.92	344.79	269.68	171.60	-7,112.47	-14,214.71	777.12	595.96	181.16	4.290		
21,100.00	7,001.00	16,920.00	7,238.92	347.31	269.68	171.60	-7,112.47	-14,214.71	683.85	498.69	185.15	3.693		
21,200.00	7,001.00	16,920.00	7,238.92	349.83	269.68	171.60	-7,112.47	-14,214.71	592.77	402.26	190.51	3.112		
21,300.00	7,001.00	16,920.00	7,238.92	352.35	269.68	171.60	-7,112.47	-14,214.71	505.08	307.31	197.77	2.554		
21,369.95	7,001.00	16,920.00	7,238.92	354.12	269.68	171.60	-7,112.47	-14,214.71	446.82	242.51	204.31	2.187 CC, ES, SF		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1656-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,600.00	7,001.00	17,070.00	7,159.63	154.69	269.63	-119.15	-7,474.78	-14,191.36	10,114.21	9,948.32	165.90	60.967		
11,700.00	7,001.00	17,070.00	7,159.63	155.76	269.63	-119.15	-7,474.78	-14,191.36	10,014.28	9,848.43	165.85	60.382		
11,800.00	7,001.00	17,070.00	7,159.63	156.85	269.63	-119.15	-7,474.78	-14,191.36	9,914.35	9,748.55	165.80	59.797		
11,900.00	7,001.00	17,070.00	7,159.63	157.98	269.63	-119.15	-7,474.78	-14,191.36	9,814.42	9,648.67	165.75	59.212		
12,000.00	7,001.00	17,070.00	7,159.63	159.14	269.63	-119.15	-7,474.78	-14,191.36	9,714.49	9,548.79	165.70	58.627		
12,100.00	7,001.00	17,070.00	7,159.63	160.32	269.63	-119.15	-7,474.78	-14,191.36	9,614.57	9,448.92	165.65	58.042		
12,200.00	7,001.00	17,070.00	7,159.63	161.54	269.63	-119.15	-7,474.78	-14,191.36	9,514.64	9,349.04	165.60	57.456		
12,300.00	7,001.00	17,070.00	7,159.63	162.78	269.63	-119.15	-7,474.78	-14,191.36	9,414.72	9,249.17	165.54	56.871		
12,400.00	7,001.00	17,070.00	7,159.63	164.06	269.63	-119.15	-7,474.78	-14,191.36	9,314.80	9,149.31	165.49	56.286		
12,500.00	7,001.00	17,070.00	7,159.63	165.36	269.63	-119.15	-7,474.78	-14,191.36	9,214.88	9,049.44	165.44	55.700		
12,600.00	7,001.00	17,070.00	7,159.63	166.69	269.63	-119.15	-7,474.78	-14,191.36	9,114.96	8,949.58	165.38	55.115		
12,700.00	7,001.00	17,070.00	7,159.63	168.05	269.63	-119.15	-7,474.78	-14,191.36	9,015.04	8,849.72	165.33	54.529		
12,800.00	7,001.00	17,070.00	7,159.63	169.44	269.63	-119.15	-7,474.78	-14,191.36	8,915.13	8,749.86	165.27	53.943		
12,900.00	7,001.00	17,070.00	7,159.63	170.86	269.63	-119.15	-7,474.78	-14,191.36	8,815.22	8,650.01	165.21	53.358		
13,000.00	7,001.00	17,070.00	7,159.63	172.30	269.63	-119.15	-7,474.78	-14,191.36	8,715.31	8,550.16	165.15	52.772		
13,100.00	7,001.00	17,070.00	7,159.63	173.78	269.63	-119.15	-7,474.78	-14,191.36	8,615.40	8,450.31	165.09	52.186		
13,200.00	7,001.00	17,070.00	7,159.63	175.28	269.63	-119.15	-7,474.78	-14,191.36	8,515.49	8,350.46	165.03	51.600		
13,300.00	7,001.00	17,070.00	7,159.63	176.80	269.63	-119.15	-7,474.78	-14,191.36	8,415.59	8,250.62	164.97	51.014		
13,400.00	7,001.00	17,070.00	7,159.63	178.36	269.63	-119.15	-7,474.78	-14,191.36	8,315.69	8,150.78	164.90	50.428		
13,500.00	7,001.00	17,070.00	7,159.63	179.94	269.63	-119.15	-7,474.78	-14,191.36	8,215.79	8,050.95	164.84	49.842		
13,600.00	7,001.00	17,070.00	7,159.63	181.55	269.63	-119.15	-7,474.78	-14,191.36	8,115.89	7,951.12	164.77	49.255		
13,700.00	7,001.00	17,070.00	7,159.63	183.18	269.63	-119.15	-7,474.78	-14,191.36	8,016.00	7,851.29	164.70	48.669		
13,800.00	7,001.00	17,070.00	7,159.63	184.84	269.63	-119.15	-7,474.78	-14,191.36	7,916.10	7,751.47	164.64	48.083		
13,900.00	7,001.00	17,070.00	7,159.63	186.52	269.63	-119.15	-7,474.78	-14,191.36	7,816.21	7,651.65	164.57	47.496		
14,000.00	7,001.00	17,070.00	7,159.63	188.23	269.63	-119.15	-7,474.78	-14,191.36	7,716.33	7,551.83	164.49	46.909		
14,100.00	7,001.00	17,070.00	7,159.63	189.97	269.63	-119.15	-7,474.78	-14,191.36	7,616.45	7,452.02	164.42	46.323		
14,200.00	7,001.00	17,070.00	7,159.63	191.72	269.63	-119.15	-7,474.78	-14,191.36	7,516.57	7,352.22	164.35	45.736		
14,300.00	7,001.00	17,070.00	7,159.63	193.50	269.63	-119.15	-7,474.78	-14,191.36	7,416.69	7,252.42	164.27	45.149		
14,400.00	7,001.00	17,070.00	7,159.63	195.30	269.63	-119.15	-7,474.78	-14,191.36	7,316.82	7,152.62	164.19	44.562		
14,500.00	7,001.00	17,070.00	7,159.63	197.13	269.63	-119.15	-7,474.78	-14,191.36	7,216.95	7,052.83	164.11	43.975		
14,600.00	7,001.00	17,070.00	7,159.63	198.98	269.63	-119.15	-7,474.78	-14,191.36	7,117.08	6,953.05	164.03	43.388		
14,700.00	7,001.00	17,070.00	7,159.63	200.85	269.63	-119.15	-7,474.78	-14,191.36	7,017.22	6,853.27	163.95	42.801		
14,800.00	7,001.00	17,070.00	7,159.63	202.73	269.63	-119.15	-7,474.78	-14,191.36	6,917.36	6,753.49	163.87	42.213		
14,900.00	7,001.00	17,070.00	7,159.63	204.64	269.63	-119.15	-7,474.78	-14,191.36	6,817.51	6,653.73	163.78	41.626		
15,000.00	7,001.00	17,070.00	7,159.63	206.57	269.63	-119.15	-7,474.78	-14,191.36	6,717.66	6,553.96	163.69	41.038		
15,100.00	7,001.00	17,070.00	7,159.63	208.52	269.63	-119.15	-7,474.78	-14,191.36	6,617.81	6,454.21	163.60	40.451		
15,200.00	7,001.00	17,070.00	7,159.63	210.49	269.63	-119.15	-7,474.78	-14,191.36	6,517.97	6,354.46	163.51	39.863		
15,300.00	7,001.00	17,070.00	7,159.63	212.48	269.63	-119.15	-7,474.78	-14,191.36	6,418.14	6,254.72	163.42	39.275		
15,400.00	7,001.00	17,070.00	7,159.63	214.48	269.63	-119.15	-7,474.78	-14,191.36	6,318.30	6,154.99	163.32	38.687		
15,500.00	7,001.00	17,070.00	7,159.63	216.51	269.63	-119.15	-7,474.78	-14,191.36	6,218.48	6,055.26	163.22	38.099		
15,600.00	7,001.00	17,070.00	7,159.63	218.55	269.63	-119.15	-7,474.78	-14,191.36	6,118.66	5,955.54	163.12	37.510		
15,700.00	7,001.00	17,070.00	7,159.63	220.60	269.63	-119.15	-7,474.78	-14,191.36	6,018.85	5,855.83	163.02	36.922		
15,800.00	7,001.00	17,070.00	7,159.63	222.68	269.63	-119.15	-7,474.78	-14,191.36	5,919.04	5,756.13	162.91	36.333		
15,900.00	7,001.00	17,070.00	7,159.63	224.76	269.63	-119.15	-7,474.78	-14,191.36	5,819.24	5,656.44	162.80	35.744		
16,000.00	7,001.00	17,070.00	7,159.63	226.87	269.63	-119.15	-7,474.78	-14,191.36	5,719.45	5,556.76	162.69	35.155		
16,100.00	7,001.00	17,070.00	7,159.63	228.99	269.63	-119.15	-7,474.78	-14,191.36	5,619.66	5,457.08	162.58	34.566		
16,200.00	7,001.00	17,070.00	7,159.63	231.12	269.63	-119.15	-7,474.78	-14,191.36	5,519.88	5,357.42	162.46	33.976		
16,300.00	7,001.00	17,070.00	7,159.63	233.27	269.63	-119.15	-7,474.78	-14,191.36	5,420.11	5,257.77	162.34	33.387		
16,400.00	7,001.00	17,070.00	7,159.63	235.43	269.63	-119.15	-7,474.78	-14,191.36	5,320.35	5,158.13	162.22	32.797		
16,500.00	7,001.00	17,070.00	7,159.63	237.61	269.63	-119.15	-7,474.78	-14,191.36	5,220.60	5,058.50	162.10	32.207		
16,600.00	7,001.00	17,070.00	7,159.63	239.79	269.63	-119.15	-7,474.78	-14,191.36	5,120.86	4,958.89	161.97	31.616		
16,700.00	7,001.00	17,070.00	7,159.63	242.00	269.63	-119.15	-7,474.78	-14,191.36	5,021.13	4,859.29	161.84	31.026		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1656-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,800.00	7,001.00	17,070.00	7,159.63	244.21	269.63	-119.15	-7,474.78	-14,191.36	4,921.40	4,759.70	161.70	30.435		
16,900.00	7,001.00	17,070.00	7,159.63	246.43	269.63	-119.15	-7,474.78	-14,191.36	4,821.69	4,660.13	161.56	29.844		
17,000.00	7,001.00	17,070.00	7,159.63	248.67	269.63	-119.15	-7,474.78	-14,191.36	4,722.00	4,560.57	161.42	29.252		
17,100.00	7,001.00	17,070.00	7,159.63	250.92	269.63	-119.15	-7,474.78	-14,191.36	4,622.31	4,461.04	161.28	28.661		
17,200.00	7,001.00	17,070.00	7,159.63	253.18	269.63	-119.15	-7,474.78	-14,191.36	4,522.64	4,361.51	161.13	28.068		
17,300.00	7,001.00	17,070.00	7,159.63	255.45	269.63	-119.15	-7,474.78	-14,191.36	4,422.99	4,262.01	160.98	27.476		
17,400.00	7,001.00	17,070.00	7,159.63	257.73	269.63	-119.15	-7,474.78	-14,191.36	4,323.35	4,162.53	160.82	26.883		
17,500.00	7,001.00	17,070.00	7,159.63	260.02	269.63	-119.15	-7,474.78	-14,191.36	4,223.72	4,063.06	160.66	26.290		
17,600.00	7,001.00	17,070.00	7,159.63	262.32	269.63	-119.15	-7,474.78	-14,191.36	4,124.12	3,963.62	160.50	25.696		
17,700.00	7,001.00	17,070.00	7,159.63	264.63	269.63	-119.15	-7,474.78	-14,191.36	4,024.53	3,864.21	160.33	25.102		
17,800.00	7,001.00	17,070.00	7,159.63	266.95	269.63	-119.15	-7,474.78	-14,191.36	3,924.97	3,764.81	160.16	24.507		
17,900.00	7,001.00	17,070.00	7,159.63	269.28	269.63	-119.15	-7,474.78	-14,191.36	3,825.43	3,665.45	159.98	23.912		
18,000.00	7,001.00	17,070.00	7,159.63	271.61	269.63	-119.15	-7,474.78	-14,191.36	3,725.91	3,566.11	159.80	23.316		
18,100.00	7,001.00	17,070.00	7,159.63	273.96	269.63	-119.15	-7,474.78	-14,191.36	3,626.42	3,466.80	159.62	22.719		
18,200.00	7,001.00	17,070.00	7,159.63	276.31	269.63	-119.15	-7,474.78	-14,191.36	3,526.96	3,367.53	159.43	22.122		
18,300.00	7,001.00	17,070.00	7,159.63	278.67	269.63	-119.15	-7,474.78	-14,191.36	3,427.53	3,268.29	159.24	21.524		
18,400.00	7,001.00	17,070.00	7,159.63	281.04	269.63	-119.15	-7,474.78	-14,191.36	3,328.14	3,169.09	159.05	20.925		
18,500.00	7,001.00	17,070.00	7,159.63	283.42	269.63	-119.15	-7,474.78	-14,191.36	3,228.78	3,069.93	158.85	20.326		
18,600.00	7,001.00	17,070.00	7,159.63	285.80	269.63	-119.15	-7,474.78	-14,191.36	3,129.46	2,970.81	158.65	19.725		
18,700.00	7,001.00	17,070.00	7,159.63	288.19	269.63	-119.15	-7,474.78	-14,191.36	3,030.19	2,871.74	158.45	19.124		
18,800.00	7,001.00	17,070.00	7,159.63	290.59	269.63	-119.15	-7,474.78	-14,191.36	2,930.97	2,772.72	158.25	18.521		
18,900.00	7,001.00	17,070.00	7,159.63	293.00	269.63	-119.15	-7,474.78	-14,191.36	2,831.80	2,673.75	158.05	17.917		
19,000.00	7,001.00	17,070.00	7,159.63	295.41	269.63	-119.15	-7,474.78	-14,191.36	2,732.69	2,574.84	157.85	17.312		
19,100.00	7,001.00	17,070.00	7,159.63	297.83	269.63	-119.15	-7,474.78	-14,191.36	2,633.65	2,476.00	157.65	16.705		
19,200.00	7,001.00	17,070.00	7,159.63	300.25	269.63	-119.15	-7,474.78	-14,191.36	2,534.69	2,377.23	157.46	16.097		
19,300.00	7,001.00	17,070.00	7,159.63	302.68	269.63	-119.15	-7,474.78	-14,191.36	2,435.81	2,278.53	157.28	15.487		
19,400.00	7,001.00	17,070.00	7,159.63	305.12	269.63	-119.15	-7,474.78	-14,191.36	2,337.02	2,179.91	157.11	14.875		
19,500.00	7,001.00	17,070.00	7,159.63	307.56	269.63	-119.15	-7,474.78	-14,191.36	2,238.35	2,081.38	156.96	14.260		
19,600.00	7,001.00	17,070.00	7,159.63	310.01	269.63	-119.15	-7,474.78	-14,191.36	2,139.79	1,982.95	156.84	13.643		
19,700.00	7,001.00	17,070.00	7,159.63	312.46	269.63	-119.15	-7,474.78	-14,191.36	2,041.38	1,884.63	156.75	13.023		
19,800.00	7,001.00	17,070.00	7,159.63	314.92	269.63	-119.15	-7,474.78	-14,191.36	1,943.13	1,786.41	156.72	12.399		
19,900.00	7,001.00	17,070.00	7,159.63	317.39	269.63	-119.15	-7,474.78	-14,191.36	1,845.06	1,688.32	156.75	11.771		
20,000.00	7,001.00	17,070.00	7,159.63	319.85	269.63	-119.15	-7,474.78	-14,191.36	1,747.22	1,590.34	156.88	11.137		
20,100.00	7,001.00	17,070.00	7,159.63	322.33	269.63	-119.15	-7,474.78	-14,191.36	1,649.64	1,492.49	157.14	10.498		
20,200.00	7,001.00	17,070.00	7,159.63	324.81	269.63	-119.15	-7,474.78	-14,191.36	1,552.36	1,394.76	157.60	9.850		
20,300.00	7,001.00	17,070.00	7,159.63	327.29	269.63	-119.15	-7,474.78	-14,191.36	1,455.45	1,297.12	158.33	9.192		
20,400.00	7,001.00	17,070.00	7,159.63	329.78	269.63	-119.15	-7,474.78	-14,191.36	1,358.99	1,199.52	159.47	8.522		
20,500.00	7,001.00	17,070.00	7,159.63	332.27	269.63	-119.15	-7,474.78	-14,191.36	1,263.08	1,101.87	161.21	7.835		
20,600.00	7,001.00	17,070.00	7,159.63	334.77	269.63	-119.15	-7,474.78	-14,191.36	1,167.86	1,004.00	163.85	7.127		
20,700.00	7,001.00	17,070.00	7,159.63	337.27	269.63	-119.15	-7,474.78	-14,191.36	1,073.50	905.59	167.91	6.393		
20,800.00	7,001.00	17,070.00	7,159.63	339.77	269.63	-119.15	-7,474.78	-14,191.36	980.27	806.10	174.17	5.628		
20,900.00	7,001.00	17,070.00	7,159.63	342.28	269.63	-119.15	-7,474.78	-14,191.36	888.50	704.66	183.84	4.833		
21,000.00	7,001.00	17,070.00	7,159.63	344.79	269.63	-119.15	-7,474.78	-14,191.36	798.72	600.05	198.67	4.020		
21,100.00	7,001.00	17,070.00	7,159.63	347.31	269.63	-119.15	-7,474.78	-14,191.36	711.67	490.80	220.87	3.222		
21,200.00	7,001.00	17,070.00	7,159.63	349.83	269.63	-119.15	-7,474.78	-14,191.36	628.48	375.65	252.84	2.486		
21,300.00	7,001.00	17,070.00	7,159.63	352.35	269.63	-119.15	-7,474.78	-14,191.36	550.92	254.15	296.77	1.856		
21,369.95	7,001.00	17,070.00	7,159.63	354.12	269.63	-119.15	-7,474.78	-14,191.36	501.40	166.11	335.29	1.495	Level 3, CC, ES, SF	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1540-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,800.00	7,001.00	16,991.00	6,977.50	156.85	270.92	89.96	-5,204.85	-14,224.61	10,133.02	9,924.50	208.52	48.595		
11,900.00	7,001.00	16,991.00	6,977.50	157.98	270.92	89.96	-5,204.85	-14,224.61	10,034.90	9,825.43	209.47	47.906		
12,000.00	7,001.00	16,991.00	6,977.50	159.14	270.92	89.96	-5,204.85	-14,224.61	9,936.82	9,726.38	210.44	47.219		
12,100.00	7,001.00	16,991.00	6,977.50	160.32	270.92	89.96	-5,204.85	-14,224.61	9,838.77	9,627.34	211.43	46.534		
12,200.00	7,001.00	16,991.00	6,977.50	161.54	270.92	89.96	-5,204.85	-14,224.61	9,740.77	9,528.32	212.44	45.851		
12,300.00	7,001.00	16,991.00	6,977.50	162.78	270.92	89.96	-5,204.85	-14,224.61	9,642.81	9,429.33	213.48	45.170		
12,400.00	7,001.00	16,991.00	6,977.50	164.06	270.92	89.96	-5,204.85	-14,224.61	9,544.88	9,330.35	214.54	44.491		
12,500.00	7,001.00	16,991.00	6,977.50	165.36	270.92	89.96	-5,204.85	-14,224.61	9,447.01	9,231.39	215.62	43.814		
12,600.00	7,001.00	16,991.00	6,977.50	166.69	270.92	89.96	-5,204.85	-14,224.61	9,349.17	9,132.45	216.72	43.140		
12,700.00	7,001.00	16,991.00	6,977.50	168.05	270.92	89.96	-5,204.85	-14,224.61	9,251.39	9,033.54	217.85	42.467		
12,800.00	7,001.00	16,991.00	6,977.50	169.44	270.92	89.96	-5,204.85	-14,224.61	9,153.65	8,934.65	219.00	41.797		
12,900.00	7,001.00	16,991.00	6,977.50	170.86	270.92	89.96	-5,204.85	-14,224.61	9,055.96	8,835.78	220.18	41.130		
13,000.00	7,001.00	16,991.00	6,977.50	172.30	270.92	89.96	-5,204.85	-14,224.61	8,958.32	8,736.94	221.39	40.465		
13,100.00	7,001.00	16,991.00	6,977.50	173.78	270.92	89.96	-5,204.85	-14,224.61	8,860.74	8,638.12	222.62	39.802		
13,200.00	7,001.00	16,991.00	6,977.50	175.28	270.92	89.96	-5,204.85	-14,224.61	8,763.21	8,539.32	223.88	39.142		
13,300.00	7,001.00	16,991.00	6,977.50	176.80	270.92	89.96	-5,204.85	-14,224.61	8,665.73	8,440.56	225.17	38.485		
13,400.00	7,001.00	16,991.00	6,977.50	178.36	270.92	89.96	-5,204.85	-14,224.61	8,568.31	8,341.82	226.50	37.830		
13,500.00	7,001.00	16,991.00	6,977.50	179.94	270.92	89.96	-5,204.85	-14,224.61	8,470.96	8,243.11	227.85	37.178		
13,600.00	7,001.00	16,991.00	6,977.50	181.55	270.92	89.96	-5,204.85	-14,224.61	8,373.66	8,144.43	229.24	36.528		
13,700.00	7,001.00	16,991.00	6,977.50	183.18	270.92	89.96	-5,204.85	-14,224.61	8,276.43	8,045.78	230.66	35.882		
13,800.00	7,001.00	16,991.00	6,977.50	184.84	270.92	89.96	-5,204.85	-14,224.61	8,179.27	7,947.16	232.11	35.238		
13,900.00	7,001.00	16,991.00	6,977.50	186.52	270.92	89.96	-5,204.85	-14,224.61	8,082.18	7,848.57	233.60	34.598		
14,000.00	7,001.00	16,991.00	6,977.50	188.23	270.92	89.96	-5,204.85	-14,224.61	7,985.16	7,750.02	235.13	33.960		
14,100.00	7,001.00	16,991.00	6,977.50	189.97	270.92	89.96	-5,204.85	-14,224.61	7,888.21	7,651.51	236.70	33.326		
14,200.00	7,001.00	16,991.00	6,977.50	191.72	270.92	89.96	-5,204.85	-14,224.61	7,791.34	7,553.03	238.31	32.694		
14,300.00	7,001.00	16,991.00	6,977.50	193.50	270.92	89.96	-5,204.85	-14,224.61	7,694.55	7,454.59	239.96	32.066		
14,400.00	7,001.00	16,991.00	6,977.50	195.30	270.92	89.96	-5,204.85	-14,224.61	7,597.84	7,356.19	241.65	31.442		
14,500.00	7,001.00	16,991.00	6,977.50	197.13	270.92	89.96	-5,204.85	-14,224.61	7,501.22	7,257.84	243.38	30.821		
14,600.00	7,001.00	16,991.00	6,977.50	198.98	270.92	89.96	-5,204.85	-14,224.61	7,404.69	7,159.52	245.16	30.203		
14,700.00	7,001.00	16,991.00	6,977.50	200.85	270.92	89.96	-5,204.85	-14,224.61	7,308.25	7,061.26	246.99	29.589		
14,800.00	7,001.00	16,991.00	6,977.50	202.73	270.92	89.96	-5,204.85	-14,224.61	7,211.91	6,963.04	248.87	28.978		
14,900.00	7,001.00	16,991.00	6,977.50	204.64	270.92	89.96	-5,204.85	-14,224.61	7,115.67	6,864.87	250.80	28.371		
15,000.00	7,001.00	16,991.00	6,977.50	206.57	270.92	89.96	-5,204.85	-14,224.61	7,019.54	6,766.75	252.79	27.769		
15,100.00	7,001.00	16,991.00	6,977.50	208.52	270.92	89.96	-5,204.85	-14,224.61	6,923.51	6,668.69	254.83	27.170		
15,200.00	7,001.00	16,991.00	6,977.50	210.49	270.92	89.96	-5,204.85	-14,224.61	6,827.60	6,570.68	256.92	26.575		
15,300.00	7,001.00	16,991.00	6,977.50	212.48	270.92	89.96	-5,204.85	-14,224.61	6,731.81	6,472.73	259.08	25.984		
15,400.00	7,001.00	16,991.00	6,977.50	214.48	270.92	89.96	-5,204.85	-14,224.61	6,636.14	6,374.84	261.30	25.397		
15,500.00	7,001.00	16,991.00	6,977.50	216.51	270.92	89.96	-5,204.85	-14,224.61	6,540.60	6,277.02	263.58	24.815		
15,600.00	7,001.00	16,991.00	6,977.50	218.55	270.92	89.96	-5,204.85	-14,224.61	6,445.20	6,179.27	265.93	24.237		
15,700.00	7,001.00	16,991.00	6,977.50	220.60	270.92	89.96	-5,204.85	-14,224.61	6,349.94	6,081.59	268.35	23.663		
15,800.00	7,001.00	16,991.00	6,977.50	222.68	270.92	89.96	-5,204.85	-14,224.61	6,254.83	5,983.99	270.84	23.094		
15,900.00	7,001.00	16,991.00	6,977.50	224.76	270.92	89.96	-5,204.85	-14,224.61	6,159.87	5,886.46	273.41	22.530		
16,000.00	7,001.00	16,991.00	6,977.50	226.87	270.92	89.96	-5,204.85	-14,224.61	6,065.07	5,789.02	276.06	21.971		
16,100.00	7,001.00	16,991.00	6,977.50	228.99	270.92	89.96	-5,204.85	-14,224.61	5,970.44	5,691.66	278.78	21.416		
16,200.00	7,001.00	16,991.00	6,977.50	231.12	270.92	89.96	-5,204.85	-14,224.61	5,876.00	5,594.40	281.60	20.867		
16,300.00	7,001.00	16,991.00	6,977.50	233.27	270.92	89.96	-5,204.85	-14,224.61	5,781.73	5,497.23	284.50	20.322		
16,400.00	7,001.00	16,991.00	6,977.50	235.43	270.92	89.96	-5,204.85	-14,224.61	5,687.67	5,400.17	287.50	19.783		
16,500.00	7,001.00	16,991.00	6,977.50	237.61	270.92	89.96	-5,204.85	-14,224.61	5,593.81	5,303.22	290.59	19.250		
16,600.00	7,001.00	16,991.00	6,977.50	239.79	270.92	89.96	-5,204.85	-14,224.61	5,500.16	5,206.38	293.79	18.722		
16,700.00	7,001.00	16,991.00	6,977.50	242.00	270.92	89.96	-5,204.85	-14,224.61	5,406.75	5,109.66	297.08	18.199		
16,800.00	7,001.00	16,991.00	6,977.50	244.21	270.92	89.96	-5,204.85	-14,224.61	5,313.57	5,013.08	300.49	17.683		
16,900.00	7,001.00	16,991.00	6,977.50	246.43	270.92	89.96	-5,204.85	-14,224.61	5,220.65	4,916.63	304.02	17.172		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1540-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
17,000.00	7,001.00	16,991.00	6,977.50	248.67	270.92	89.96	-5,204.85	-14,224.61	5,127.99	4,820.32	307.66	16.667		
17,100.00	7,001.00	16,991.00	6,977.50	250.92	270.92	89.96	-5,204.85	-14,224.61	5,035.61	4,724.18	311.44	16.169		
17,200.00	7,001.00	16,991.00	6,977.50	253.18	270.92	89.96	-5,204.85	-14,224.61	4,943.53	4,628.20	315.34	15.677		
17,300.00	7,001.00	16,991.00	6,977.50	255.45	270.92	89.96	-5,204.85	-14,224.61	4,851.76	4,532.39	319.37	15.191		
17,400.00	7,001.00	16,991.00	6,977.50	257.73	270.92	89.96	-5,204.85	-14,224.61	4,760.33	4,436.77	323.56	14.713		
17,500.00	7,001.00	16,991.00	6,977.50	260.02	270.92	89.96	-5,204.85	-14,224.61	4,669.25	4,341.36	327.89	14.240		
17,600.00	7,001.00	16,991.00	6,977.50	262.32	270.92	89.96	-5,204.85	-14,224.61	4,578.53	4,246.16	332.37	13.775		
17,700.00	7,001.00	16,991.00	6,977.50	264.63	270.92	89.96	-5,204.85	-14,224.61	4,488.22	4,151.20	337.02	13.317		
17,800.00	7,001.00	16,991.00	6,977.50	266.95	270.92	89.96	-5,204.85	-14,224.61	4,398.32	4,056.48	341.84	12.867		
17,900.00	7,001.00	16,991.00	6,977.50	269.28	270.92	89.96	-5,204.85	-14,224.61	4,308.87	3,962.03	346.83	12.423		
18,000.00	7,001.00	16,991.00	6,977.50	271.61	270.92	89.96	-5,204.85	-14,224.61	4,219.89	3,867.87	352.01	11.988		
18,100.00	7,001.00	16,991.00	6,977.50	273.96	270.92	89.96	-5,204.85	-14,224.61	4,131.41	3,774.02	357.39	11.560		
18,200.00	7,001.00	16,991.00	6,977.50	276.31	270.92	89.96	-5,204.85	-14,224.61	4,043.47	3,680.51	362.96	11.140		
18,300.00	7,001.00	16,991.00	6,977.50	278.67	270.92	89.96	-5,204.85	-14,224.61	3,956.11	3,587.37	368.74	10.729		
18,400.00	7,001.00	16,991.00	6,977.50	281.04	270.92	89.96	-5,204.85	-14,224.61	3,869.36	3,494.61	374.74	10.325		
18,500.00	7,001.00	16,991.00	6,977.50	283.42	270.92	89.96	-5,204.85	-14,224.61	3,783.26	3,402.29	380.97	9.931		
18,600.00	7,001.00	16,991.00	6,977.50	285.80	270.92	89.96	-5,204.85	-14,224.61	3,697.86	3,310.43	387.43	9.545		
18,700.00	7,001.00	16,991.00	6,977.50	288.19	270.92	89.96	-5,204.85	-14,224.61	3,613.21	3,219.09	394.12	9.168		
18,800.00	7,001.00	16,991.00	6,977.50	290.59	270.92	89.96	-5,204.85	-14,224.61	3,529.36	3,128.29	401.07	8.800		
18,900.00	7,001.00	16,991.00	6,977.50	293.00	270.92	89.96	-5,204.85	-14,224.61	3,446.38	3,038.11	408.27	8.441		
19,000.00	7,001.00	16,991.00	6,977.50	295.41	270.92	89.96	-5,204.85	-14,224.61	3,364.32	2,948.59	415.73	8.092		
19,100.00	7,001.00	16,991.00	6,977.50	297.83	270.92	89.96	-5,204.85	-14,224.61	3,283.25	2,859.79	423.46	7.753		
19,200.00	7,001.00	16,991.00	6,977.50	300.25	270.92	89.96	-5,204.85	-14,224.61	3,203.26	2,771.80	431.46	7.424		
19,300.00	7,001.00	16,991.00	6,977.50	302.68	270.92	89.96	-5,204.85	-14,224.61	3,124.42	2,684.69	439.72	7.105		
19,400.00	7,001.00	16,991.00	6,977.50	305.12	270.92	89.96	-5,204.85	-14,224.61	3,046.82	2,598.56	448.26	6.797		
19,500.00	7,001.00	16,991.00	6,977.50	307.56	270.92	89.96	-5,204.85	-14,224.61	2,970.56	2,513.50	457.06	6.499		
19,600.00	7,001.00	16,991.00	6,977.50	310.01	270.92	89.96	-5,204.85	-14,224.61	2,895.75	2,429.62	466.12	6.212		
19,700.00	7,001.00	16,991.00	6,977.50	312.46	270.92	89.96	-5,204.85	-14,224.61	2,822.49	2,347.06	475.43	5.937		
19,800.00	7,001.00	16,991.00	6,977.50	314.92	270.92	89.96	-5,204.85	-14,224.61	2,750.92	2,265.96	484.96	5.672		
19,900.00	7,001.00	16,991.00	6,977.50	317.39	270.92	89.96	-5,204.85	-14,224.61	2,681.18	2,186.48	494.70	5.420		
20,000.00	7,001.00	16,991.00	6,977.50	319.85	270.92	89.96	-5,204.85	-14,224.61	2,613.39	2,108.78	504.61	5.179		
20,100.00	7,001.00	16,991.00	6,977.50	322.33	270.92	89.96	-5,204.85	-14,224.61	2,547.73	2,033.07	514.66	4.950		
20,200.00	7,001.00	16,991.00	6,977.50	324.81	270.92	89.96	-5,204.85	-14,224.61	2,484.36	1,959.58	524.79	4.734		
20,300.00	7,001.00	16,991.00	6,977.50	327.29	270.92	89.96	-5,204.85	-14,224.61	2,423.46	1,888.53	534.94	4.530		
20,400.00	7,001.00	16,991.00	6,977.50	329.78	270.92	89.96	-5,204.85	-14,224.61	2,365.23	1,820.19	545.04	4.340		
20,500.00	7,001.00	16,991.00	6,977.50	332.27	270.92	89.96	-5,204.85	-14,224.61	2,309.85	1,754.85	555.00	4.162		
20,600.00	7,001.00	16,991.00	6,977.50	334.77	270.92	89.96	-5,204.85	-14,224.61	2,257.55	1,692.82	564.73	3.998		
20,700.00	7,001.00	16,991.00	6,977.50	337.27	270.92	89.96	-5,204.85	-14,224.61	2,208.54	1,634.43	574.11	3.847		
20,800.00	7,001.00	16,991.00	6,977.50	339.77	270.92	89.96	-5,204.85	-14,224.61	2,163.05	1,580.03	583.02	3.710		
20,900.00	7,001.00	16,991.00	6,977.50	342.28	270.92	89.96	-5,204.85	-14,224.61	2,121.29	1,529.98	591.31	3.587		
21,000.00	7,001.00	16,991.00	6,977.50	344.79	270.92	89.96	-5,204.85	-14,224.61	2,083.51	1,484.66	598.85	3.479		
21,100.00	7,001.00	16,991.00	6,977.50	347.31	270.92	89.96	-5,204.85	-14,224.61	2,049.91	1,444.42	605.49	3.386		
21,200.00	7,001.00	16,991.00	6,977.50	349.83	270.92	89.96	-5,204.85	-14,224.61	2,020.70	1,409.64	611.07	3.307		
21,300.00	7,001.00	16,991.00	6,977.50	352.35	270.92	89.96	-5,204.85	-14,224.61	1,996.09	1,380.63	615.45	3.243		
21,369.95	7,001.00	16,991.00	6,977.50	354.12	270.92	89.96	-5,204.85	-14,224.61	1,981.69	1,363.94	617.74	3.208	CC, ES, SF	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1662-MWD OWSG, 11063-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,700.00	7,001.00	16,815.00	6,894.39	155.76	217.73	86.99	-5,540.21	-14,238.17	10,185.92	9,991.97	193.95	52.519		
11,800.00	7,001.00	16,815.00	6,894.39	156.85	217.73	86.99	-5,540.21	-14,238.17	10,087.19	9,892.57	194.62	51.830		
11,900.00	7,001.00	16,815.00	6,894.39	157.98	217.73	86.99	-5,540.21	-14,238.17	9,988.49	9,793.18	195.31	51.142		
12,000.00	7,001.00	16,815.00	6,894.39	159.14	217.73	86.99	-5,540.21	-14,238.17	9,889.81	9,693.80	196.01	50.455		
12,100.00	7,001.00	16,815.00	6,894.39	160.32	217.73	86.99	-5,540.21	-14,238.17	9,791.17	9,594.44	196.73	49.770		
12,200.00	7,001.00	16,815.00	6,894.39	161.54	217.73	86.99	-5,540.21	-14,238.17	9,692.55	9,495.08	197.46	49.085		
12,300.00	7,001.00	16,815.00	6,894.39	162.78	217.73	86.99	-5,540.21	-14,238.17	9,593.96	9,395.74	198.21	48.402		
12,400.00	7,001.00	16,815.00	6,894.39	164.06	217.73	86.99	-5,540.21	-14,238.17	9,495.39	9,296.41	198.98	47.720		
12,500.00	7,001.00	16,815.00	6,894.39	165.36	217.73	86.99	-5,540.21	-14,238.17	9,396.86	9,197.10	199.77	47.039		
12,600.00	7,001.00	16,815.00	6,894.39	166.69	217.73	86.99	-5,540.21	-14,238.17	9,298.36	9,097.79	200.57	46.360		
12,700.00	7,001.00	16,815.00	6,894.39	168.05	217.73	86.99	-5,540.21	-14,238.17	9,199.89	8,998.50	201.39	45.682		
12,800.00	7,001.00	16,815.00	6,894.39	169.44	217.73	86.99	-5,540.21	-14,238.17	9,101.46	8,899.23	202.23	45.005		
12,900.00	7,001.00	16,815.00	6,894.39	170.86	217.73	86.99	-5,540.21	-14,238.17	9,003.06	8,799.97	203.09	44.330		
13,000.00	7,001.00	16,815.00	6,894.39	172.30	217.73	86.99	-5,540.21	-14,238.17	8,904.69	8,700.72	203.97	43.657		
13,100.00	7,001.00	16,815.00	6,894.39	173.78	217.73	86.99	-5,540.21	-14,238.17	8,806.37	8,601.49	204.87	42.985		
13,200.00	7,001.00	16,815.00	6,894.39	175.28	217.73	86.99	-5,540.21	-14,238.17	8,708.08	8,502.28	205.80	42.314		
13,300.00	7,001.00	16,815.00	6,894.39	176.80	217.73	86.99	-5,540.21	-14,238.17	8,609.83	8,403.09	206.74	41.645		
13,400.00	7,001.00	16,815.00	6,894.39	178.36	217.73	86.99	-5,540.21	-14,238.17	8,511.62	8,303.91	207.71	40.978		
13,500.00	7,001.00	16,815.00	6,894.39	179.94	217.73	86.99	-5,540.21	-14,238.17	8,413.45	8,204.75	208.70	40.313		
13,600.00	7,001.00	16,815.00	6,894.39	181.55	217.73	86.99	-5,540.21	-14,238.17	8,315.33	8,105.61	209.72	39.649		
13,700.00	7,001.00	16,815.00	6,894.39	183.18	217.73	86.99	-5,540.21	-14,238.17	8,217.25	8,006.48	210.77	38.987		
13,800.00	7,001.00	16,815.00	6,894.39	184.84	217.73	86.99	-5,540.21	-14,238.17	8,119.22	7,907.38	211.84	38.328		
13,900.00	7,001.00	16,815.00	6,894.39	186.52	217.73	86.99	-5,540.21	-14,238.17	8,021.24	7,808.30	212.94	37.670		
14,000.00	7,001.00	16,815.00	6,894.39	188.23	217.73	86.99	-5,540.21	-14,238.17	7,923.30	7,709.24	214.06	37.014		
14,100.00	7,001.00	16,815.00	6,894.39	189.97	217.73	86.99	-5,540.21	-14,238.17	7,825.42	7,610.20	215.22	36.360		
14,200.00	7,001.00	16,815.00	6,894.39	191.72	217.73	86.99	-5,540.21	-14,238.17	7,727.60	7,511.19	216.41	35.708		
14,300.00	7,001.00	16,815.00	6,894.39	193.50	217.73	86.99	-5,540.21	-14,238.17	7,629.83	7,412.20	217.63	35.059		
14,400.00	7,001.00	16,815.00	6,894.39	195.30	217.73	86.99	-5,540.21	-14,238.17	7,532.12	7,313.24	218.88	34.412		
14,500.00	7,001.00	16,815.00	6,894.39	197.13	217.73	86.99	-5,540.21	-14,238.17	7,434.47	7,214.30	220.17	33.767		
14,600.00	7,001.00	16,815.00	6,894.39	198.98	217.73	86.99	-5,540.21	-14,238.17	7,336.88	7,115.39	221.49	33.125		
14,700.00	7,001.00	16,815.00	6,894.39	200.85	217.73	86.99	-5,540.21	-14,238.17	7,239.36	7,016.51	222.85	32.485		
14,800.00	7,001.00	16,815.00	6,894.39	202.73	217.73	86.99	-5,540.21	-14,238.17	7,141.91	6,917.66	224.25	31.848		
14,900.00	7,001.00	16,815.00	6,894.39	204.64	217.73	86.99	-5,540.21	-14,238.17	7,044.53	6,818.84	225.69	31.213		
15,000.00	7,001.00	16,815.00	6,894.39	206.57	217.73	86.99	-5,540.21	-14,238.17	6,947.22	6,720.05	227.17	30.581		
15,100.00	7,001.00	16,815.00	6,894.39	208.52	217.73	86.99	-5,540.21	-14,238.17	6,850.00	6,621.30	228.70	29.952		
15,200.00	7,001.00	16,815.00	6,894.39	210.49	217.73	86.99	-5,540.21	-14,238.17	6,752.85	6,522.58	230.27	29.326		
15,300.00	7,001.00	16,815.00	6,894.39	212.48	217.73	86.99	-5,540.21	-14,238.17	6,655.78	6,423.90	231.89	28.703		
15,400.00	7,001.00	16,815.00	6,894.39	214.48	217.73	86.99	-5,540.21	-14,238.17	6,558.81	6,325.25	233.56	28.082		
15,500.00	7,001.00	16,815.00	6,894.39	216.51	217.73	86.99	-5,540.21	-14,238.17	6,461.93	6,226.65	235.27	27.466		
15,600.00	7,001.00	16,815.00	6,894.39	218.55	217.73	86.99	-5,540.21	-14,238.17	6,365.14	6,128.09	237.05	26.852		
15,700.00	7,001.00	16,815.00	6,894.39	220.60	217.73	86.99	-5,540.21	-14,238.17	6,268.46	6,029.58	238.88	26.242		
15,800.00	7,001.00	16,815.00	6,894.39	222.68	217.73	86.99	-5,540.21	-14,238.17	6,171.88	5,931.11	240.76	25.635		
15,900.00	7,001.00	16,815.00	6,894.39	224.76	217.73	86.99	-5,540.21	-14,238.17	6,075.41	5,832.70	242.71	25.032		
16,000.00	7,001.00	16,815.00	6,894.39	226.87	217.73	86.99	-5,540.21	-14,238.17	5,979.05	5,734.33	244.72	24.432		
16,100.00	7,001.00	16,815.00	6,894.39	228.99	217.73	86.99	-5,540.21	-14,238.17	5,882.82	5,636.02	246.80	23.836		
16,200.00	7,001.00	16,815.00	6,894.39	231.12	217.73	86.99	-5,540.21	-14,238.17	5,786.72	5,537.77	248.95	23.245		
16,300.00	7,001.00	16,815.00	6,894.39	233.27	217.73	86.99	-5,540.21	-14,238.17	5,690.75	5,439.58	251.17	22.657		
16,400.00	7,001.00	16,815.00	6,894.39	235.43	217.73	86.99	-5,540.21	-14,238.17	5,594.92	5,341.46	253.47	22.074		
16,500.00	7,001.00	16,815.00	6,894.39	237.61	217.73	86.99	-5,540.21	-14,238.17	5,499.24	5,243.40	255.84	21.495		
16,600.00	7,001.00	16,815.00	6,894.39	239.79	217.73	86.99	-5,540.21	-14,238.17	5,403.72	5,145.41	258.30	20.920		
16,700.00	7,001.00	16,815.00	6,894.39	242.00	217.73	86.99	-5,540.21	-14,238.17	5,308.36	5,047.51	260.85	20.350		
16,800.00	7,001.00	16,815.00	6,894.39	244.21	217.73	86.99	-5,540.21	-14,238.17	5,213.18	4,949.68	263.50	19.785		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1662-MWD OWSG, 11063-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,900.00	7,001.00	16,815.00	6,894.39	246.43	217.73	86.99	-5,540.21	-14,238.17	5,118.18	4,851.94	266.23	19.224		
17,000.00	7,001.00	16,815.00	6,894.39	248.67	217.73	86.99	-5,540.21	-14,238.17	5,023.37	4,754.30	269.07	18.669		
17,100.00	7,001.00	16,815.00	6,894.39	250.92	217.73	86.99	-5,540.21	-14,238.17	4,928.77	4,656.75	272.02	18.119		
17,200.00	7,001.00	16,815.00	6,894.39	253.18	217.73	86.99	-5,540.21	-14,238.17	4,834.39	4,559.31	275.08	17.575		
17,300.00	7,001.00	16,815.00	6,894.39	255.45	217.73	86.99	-5,540.21	-14,238.17	4,740.23	4,461.98	278.25	17.036		
17,400.00	7,001.00	16,815.00	6,894.39	257.73	217.73	86.99	-5,540.21	-14,238.17	4,646.32	4,364.77	281.55	16.502		
17,500.00	7,001.00	16,815.00	6,894.39	260.02	217.73	86.99	-5,540.21	-14,238.17	4,552.67	4,267.69	284.99	15.975		
17,600.00	7,001.00	16,815.00	6,894.39	262.32	217.73	86.99	-5,540.21	-14,238.17	4,459.30	4,170.75	288.55	15.454		
17,700.00	7,001.00	16,815.00	6,894.39	264.63	217.73	86.99	-5,540.21	-14,238.17	4,366.22	4,073.95	292.27	14.939		
17,800.00	7,001.00	16,815.00	6,894.39	266.95	217.73	86.99	-5,540.21	-14,238.17	4,273.45	3,977.32	296.13	14.431		
17,900.00	7,001.00	16,815.00	6,894.39	269.28	217.73	86.99	-5,540.21	-14,238.17	4,181.02	3,880.86	300.15	13.930		
18,000.00	7,001.00	16,815.00	6,894.39	271.61	217.73	86.99	-5,540.21	-14,238.17	4,088.94	3,784.59	304.35	13.435		
18,100.00	7,001.00	16,815.00	6,894.39	273.96	217.73	86.99	-5,540.21	-14,238.17	3,997.24	3,688.52	308.72	12.948		
18,200.00	7,001.00	16,815.00	6,894.39	276.31	217.73	86.99	-5,540.21	-14,238.17	3,905.95	3,592.67	313.28	12.468		
18,300.00	7,001.00	16,815.00	6,894.39	278.67	217.73	86.99	-5,540.21	-14,238.17	3,815.10	3,497.07	318.03	11.996		
18,400.00	7,001.00	16,815.00	6,894.39	281.04	217.73	86.99	-5,540.21	-14,238.17	3,724.71	3,401.72	322.99	11.532		
18,500.00	7,001.00	16,815.00	6,894.39	283.42	217.73	86.99	-5,540.21	-14,238.17	3,634.83	3,306.66	328.17	11.076		
18,600.00	7,001.00	16,815.00	6,894.39	285.80	217.73	86.99	-5,540.21	-14,238.17	3,545.49	3,211.91	333.58	10.628		
18,700.00	7,001.00	16,815.00	6,894.39	288.19	217.73	86.99	-5,540.21	-14,238.17	3,456.74	3,117.50	339.24	10.190		
18,800.00	7,001.00	16,815.00	6,894.39	290.59	217.73	86.99	-5,540.21	-14,238.17	3,368.61	3,023.47	345.14	9.760		
18,900.00	7,001.00	16,815.00	6,894.39	293.00	217.73	86.99	-5,540.21	-14,238.17	3,281.17	2,929.86	351.31	9.340		
19,000.00	7,001.00	16,815.00	6,894.39	295.41	217.73	86.99	-5,540.21	-14,238.17	3,194.46	2,836.70	357.76	8.929		
19,100.00	7,001.00	16,815.00	6,894.39	297.83	217.73	86.99	-5,540.21	-14,238.17	3,108.55	2,744.06	364.49	8.528		
19,200.00	7,001.00	16,815.00	6,894.39	300.25	217.73	86.99	-5,540.21	-14,238.17	3,023.51	2,651.98	371.53	8.138		
19,300.00	7,001.00	16,815.00	6,894.39	302.68	217.73	86.99	-5,540.21	-14,238.17	2,939.41	2,560.53	378.88	7.758		
19,400.00	7,001.00	16,815.00	6,894.39	305.12	217.73	86.99	-5,540.21	-14,238.17	2,856.33	2,469.78	386.56	7.389		
19,500.00	7,001.00	16,815.00	6,894.39	307.56	217.73	86.99	-5,540.21	-14,238.17	2,774.38	2,379.82	394.56	7.032		
19,600.00	7,001.00	16,815.00	6,894.39	310.01	217.73	86.99	-5,540.21	-14,238.17	2,693.64	2,290.74	402.90	6.686		
19,700.00	7,001.00	16,815.00	6,894.39	312.46	217.73	86.99	-5,540.21	-14,238.17	2,614.23	2,202.66	411.57	6.352		
19,800.00	7,001.00	16,815.00	6,894.39	314.92	217.73	86.99	-5,540.21	-14,238.17	2,536.28	2,115.69	420.59	6.030		
19,900.00	7,001.00	16,815.00	6,894.39	317.39	217.73	86.99	-5,540.21	-14,238.17	2,459.92	2,029.99	429.93	5.722		
20,000.00	7,001.00	16,815.00	6,894.39	319.85	217.73	86.99	-5,540.21	-14,238.17	2,385.32	1,945.73	439.59	5.426		
20,100.00	7,001.00	16,815.00	6,894.39	322.33	217.73	86.99	-5,540.21	-14,238.17	2,312.63	1,863.09	449.54	5.144		
20,200.00	7,001.00	16,815.00	6,894.39	324.81	217.73	86.99	-5,540.21	-14,238.17	2,242.05	1,782.29	459.76	4.877		
20,300.00	7,001.00	16,815.00	6,894.39	327.29	217.73	86.99	-5,540.21	-14,238.17	2,173.77	1,703.59	470.18	4.623		
20,400.00	7,001.00	16,815.00	6,894.39	329.78	217.73	86.99	-5,540.21	-14,238.17	2,108.04	1,627.28	480.75	4.385		
20,500.00	7,001.00	16,815.00	6,894.39	332.27	217.73	86.99	-5,540.21	-14,238.17	2,045.07	1,553.68	491.39	4.162		
20,600.00	7,001.00	16,815.00	6,894.39	334.77	217.73	86.99	-5,540.21	-14,238.17	1,985.16	1,483.16	501.99	3.955		
20,700.00	7,001.00	16,815.00	6,894.39	337.27	217.73	86.99	-5,540.21	-14,238.17	1,928.56	1,416.13	512.43	3.764		
20,800.00	7,001.00	16,815.00	6,894.39	339.77	217.73	86.99	-5,540.21	-14,238.17	1,875.60	1,353.05	522.55	3.589		
20,900.00	7,001.00	16,815.00	6,894.39	342.28	217.73	86.99	-5,540.21	-14,238.17	1,826.58	1,294.40	532.18	3.432		
21,000.00	7,001.00	16,815.00	6,894.39	344.79	217.73	86.99	-5,540.21	-14,238.17	1,781.83	1,240.72	541.11	3.293		
21,100.00	7,001.00	16,815.00	6,894.39	347.31	217.73	86.99	-5,540.21	-14,238.17	1,741.67	1,192.55	549.12	3.172		
21,200.00	7,001.00	16,815.00	6,894.39	349.83	217.73	86.99	-5,540.21	-14,238.17	1,706.44	1,150.45	555.99	3.069		
21,300.00	7,001.00	16,815.00	6,894.39	352.35	217.73	86.99	-5,540.21	-14,238.17	1,676.44	1,114.97	561.48	2.986		
21,369.95	7,001.00	16,815.00	6,894.39	354.12	217.73	86.99	-5,540.21	-14,238.17	1,658.72	1,094.35	564.37	2.939 CC, ES, SF		

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1662-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,400.00	7,001.00	15,135.00	6,838.83	178.36	225.16	85.09	-5,517.70	-15,915.15	10,166.98	9,971.02	195.97	51.881		
13,500.00	7,001.00	15,135.00	6,838.83	179.94	225.16	85.09	-5,517.70	-15,915.15	10,068.30	9,871.55	196.76	51.172		
13,600.00	7,001.00	15,135.00	6,838.83	181.55	225.16	85.09	-5,517.70	-15,915.15	9,969.64	9,772.08	197.56	50.464		
13,700.00	7,001.00	15,135.00	6,838.83	183.18	225.16	85.09	-5,517.70	-15,915.15	9,871.01	9,672.63	198.38	49.758		
13,800.00	7,001.00	15,135.00	6,838.83	184.84	225.16	85.09	-5,517.70	-15,915.15	9,772.41	9,573.19	199.22	49.053		
13,900.00	7,001.00	15,135.00	6,838.83	186.52	225.16	85.09	-5,517.70	-15,915.15	9,673.84	9,473.76	200.08	48.350		
14,000.00	7,001.00	15,135.00	6,838.83	188.23	225.16	85.09	-5,517.70	-15,915.15	9,575.29	9,374.34	200.95	47.649		
14,100.00	7,001.00	15,135.00	6,838.83	189.97	225.16	85.09	-5,517.70	-15,915.15	9,476.78	9,274.93	201.85	46.950		
14,200.00	7,001.00	15,135.00	6,838.83	191.72	225.16	85.09	-5,517.70	-15,915.15	9,378.30	9,175.53	202.76	46.252		
14,300.00	7,001.00	15,135.00	6,838.83	193.50	225.16	85.09	-5,517.70	-15,915.15	9,279.85	9,076.15	203.70	45.556		
14,400.00	7,001.00	15,135.00	6,838.83	195.30	225.16	85.09	-5,517.70	-15,915.15	9,181.43	8,976.78	204.66	44.862		
14,500.00	7,001.00	15,135.00	6,838.83	197.13	225.16	85.09	-5,517.70	-15,915.15	9,083.05	8,877.41	205.64	44.170		
14,600.00	7,001.00	15,135.00	6,838.83	198.98	225.16	85.09	-5,517.70	-15,915.15	8,984.71	8,778.07	206.64	43.480		
14,700.00	7,001.00	15,135.00	6,838.83	200.85	225.16	85.09	-5,517.70	-15,915.15	8,886.40	8,678.73	207.66	42.792		
14,800.00	7,001.00	15,135.00	6,838.83	202.73	225.16	85.09	-5,517.70	-15,915.15	8,788.13	8,579.41	208.71	42.106		
14,900.00	7,001.00	15,135.00	6,838.83	204.64	225.16	85.09	-5,517.70	-15,915.15	8,689.89	8,480.11	209.79	41.423		
15,000.00	7,001.00	15,135.00	6,838.83	206.57	225.16	85.09	-5,517.70	-15,915.15	8,591.70	8,380.82	210.89	40.741		
15,100.00	7,001.00	15,135.00	6,838.83	208.52	225.16	85.09	-5,517.70	-15,915.15	8,493.56	8,281.54	212.01	40.062		
15,200.00	7,001.00	15,135.00	6,838.83	210.49	225.16	85.09	-5,517.70	-15,915.15	8,395.45	8,182.28	213.17	39.384		
15,300.00	7,001.00	15,135.00	6,838.83	212.48	225.16	85.09	-5,517.70	-15,915.15	8,297.39	8,083.04	214.35	38.710		
15,400.00	7,001.00	15,135.00	6,838.83	214.48	225.16	85.09	-5,517.70	-15,915.15	8,199.38	7,983.82	215.56	38.037		
15,500.00	7,001.00	15,135.00	6,838.83	216.51	225.16	85.09	-5,517.70	-15,915.15	8,101.42	7,884.61	216.80	37.367		
15,600.00	7,001.00	15,135.00	6,838.83	218.55	225.16	85.09	-5,517.70	-15,915.15	8,003.50	7,785.42	218.08	36.700		
15,700.00	7,001.00	15,135.00	6,838.83	220.60	225.16	85.09	-5,517.70	-15,915.15	7,905.64	7,686.26	219.39	36.035		
15,800.00	7,001.00	15,135.00	6,838.83	222.68	225.16	85.09	-5,517.70	-15,915.15	7,807.84	7,587.11	220.73	35.373		
15,900.00	7,001.00	15,135.00	6,838.83	224.76	225.16	85.09	-5,517.70	-15,915.15	7,710.08	7,487.98	222.10	34.714		
16,000.00	7,001.00	15,135.00	6,838.83	226.87	225.16	85.09	-5,517.70	-15,915.15	7,612.39	7,388.88	223.52	34.057		
16,100.00	7,001.00	15,135.00	6,838.83	228.99	225.16	85.09	-5,517.70	-15,915.15	7,514.76	7,289.79	224.97	33.404		
16,200.00	7,001.00	15,135.00	6,838.83	231.12	225.16	85.09	-5,517.70	-15,915.15	7,417.19	7,190.73	226.46	32.753		
16,300.00	7,001.00	15,135.00	6,838.83	233.27	225.16	85.09	-5,517.70	-15,915.15	7,319.69	7,091.70	227.99	32.105		
16,400.00	7,001.00	15,135.00	6,838.83	235.43	225.16	85.09	-5,517.70	-15,915.15	7,222.25	6,992.69	229.56	31.461		
16,500.00	7,001.00	15,135.00	6,838.83	237.61	225.16	85.09	-5,517.70	-15,915.15	7,124.89	6,893.71	231.18	30.820		
16,600.00	7,001.00	15,135.00	6,838.83	239.79	225.16	85.09	-5,517.70	-15,915.15	7,027.60	6,794.76	232.84	30.181		
16,700.00	7,001.00	15,135.00	6,838.83	242.00	225.16	85.09	-5,517.70	-15,915.15	6,930.39	6,695.83	234.56	29.547		
16,800.00	7,001.00	15,135.00	6,838.83	244.21	225.16	85.09	-5,517.70	-15,915.15	6,833.26	6,596.94	236.32	28.916		
16,900.00	7,001.00	15,135.00	6,838.83	246.43	225.16	85.09	-5,517.70	-15,915.15	6,736.21	6,498.08	238.13	28.288		
17,000.00	7,001.00	15,135.00	6,838.83	248.67	225.16	85.09	-5,517.70	-15,915.15	6,639.25	6,399.25	240.00	27.664		
17,100.00	7,001.00	15,135.00	6,838.83	250.92	225.16	85.09	-5,517.70	-15,915.15	6,542.38	6,300.46	241.92	27.044		
17,200.00	7,001.00	15,135.00	6,838.83	253.18	225.16	85.09	-5,517.70	-15,915.15	6,445.61	6,201.71	243.90	26.427		
17,300.00	7,001.00	15,135.00	6,838.83	255.45	225.16	85.09	-5,517.70	-15,915.15	6,348.94	6,102.99	245.94	25.815		
17,400.00	7,001.00	15,135.00	6,838.83	257.73	225.16	85.09	-5,517.70	-15,915.15	6,252.37	6,004.32	248.05	25.206		
17,500.00	7,001.00	15,135.00	6,838.83	260.02	225.16	85.09	-5,517.70	-15,915.15	6,155.91	5,905.69	250.22	24.602		
17,600.00	7,001.00	15,135.00	6,838.83	262.32	225.16	85.09	-5,517.70	-15,915.15	6,059.56	5,807.10	252.46	24.002		
17,700.00	7,001.00	15,135.00	6,838.83	264.63	225.16	85.09	-5,517.70	-15,915.15	5,963.34	5,708.56	254.78	23.406		
17,800.00	7,001.00	15,135.00	6,838.83	266.95	225.16	85.09	-5,517.70	-15,915.15	5,867.24	5,610.07	257.17	22.815		
17,900.00	7,001.00	15,135.00	6,838.83	269.28	225.16	85.09	-5,517.70	-15,915.15	5,771.28	5,511.64	259.64	22.228		
18,000.00	7,001.00	15,135.00	6,838.83	271.61	225.16	85.09	-5,517.70	-15,915.15	5,675.45	5,413.26	262.19	21.646		
18,100.00	7,001.00	15,135.00	6,838.83	273.96	225.16	85.09	-5,517.70	-15,915.15	5,579.78	5,314.95	264.83	21.069		
18,200.00	7,001.00	15,135.00	6,838.83	276.31	225.16	85.09	-5,517.70	-15,915.15	5,484.25	5,216.69	267.56	20.497		
18,300.00	7,001.00	15,135.00	6,838.83	278.67	225.16	85.09	-5,517.70	-15,915.15	5,388.89	5,118.51	270.38	19.931		
18,400.00	7,001.00	15,135.00	6,838.83	281.04	225.16	85.09	-5,517.70	-15,915.15	5,293.70	5,020.39	273.31	19.369		
18,500.00	7,001.00	15,135.00	6,838.83	283.42	225.16	85.09	-5,517.70	-15,915.15	5,198.69	4,922.35	276.34	18.813		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1662-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
18,600.00	7,001.00	15,135.00	6,838.83	285.80	225.16	85.09	-5,517.70	-15,915.15	5,103.87	4,824.39	279.47	18.262		
18,700.00	7,001.00	15,135.00	6,838.83	288.19	225.16	85.09	-5,517.70	-15,915.15	5,009.25	4,726.52	282.73	17.718		
18,800.00	7,001.00	15,135.00	6,838.83	290.59	225.16	85.09	-5,517.70	-15,915.15	4,914.84	4,628.74	286.10	17.179		
18,900.00	7,001.00	15,135.00	6,838.83	293.00	225.16	85.09	-5,517.70	-15,915.15	4,820.66	4,531.06	289.60	16.646		
19,000.00	7,001.00	15,135.00	6,838.83	295.41	225.16	85.09	-5,517.70	-15,915.15	4,726.72	4,433.48	293.24	16.119		
19,100.00	7,001.00	15,135.00	6,838.83	297.83	225.16	85.09	-5,517.70	-15,915.15	4,633.04	4,336.02	297.01	15.599		
19,200.00	7,001.00	15,135.00	6,838.83	300.25	225.16	85.09	-5,517.70	-15,915.15	4,539.62	4,238.68	300.93	15.085		
19,300.00	7,001.00	15,135.00	6,838.83	302.68	225.16	85.09	-5,517.70	-15,915.15	4,446.49	4,141.47	305.01	14.578		
19,400.00	7,001.00	15,135.00	6,838.83	305.12	225.16	85.09	-5,517.70	-15,915.15	4,353.66	4,044.41	309.25	14.078		
19,500.00	7,001.00	15,135.00	6,838.83	307.56	225.16	85.09	-5,517.70	-15,915.15	4,261.16	3,947.49	313.66	13.585		
19,600.00	7,001.00	15,135.00	6,838.83	310.01	225.16	85.09	-5,517.70	-15,915.15	4,169.00	3,850.75	318.26	13.099		
19,700.00	7,001.00	15,135.00	6,838.83	312.46	225.16	85.09	-5,517.70	-15,915.15	4,077.22	3,754.18	323.04	12.621		
19,800.00	7,001.00	15,135.00	6,838.83	314.92	225.16	85.09	-5,517.70	-15,915.15	3,985.83	3,657.80	328.02	12.151		
19,900.00	7,001.00	15,135.00	6,838.83	317.39	225.16	85.09	-5,517.70	-15,915.15	3,894.86	3,561.64	333.22	11.689		
20,000.00	7,001.00	15,135.00	6,838.83	319.85	225.16	85.09	-5,517.70	-15,915.15	3,804.34	3,465.71	338.63	11.234		
20,100.00	7,001.00	15,135.00	6,838.83	322.33	225.16	85.09	-5,517.70	-15,915.15	3,714.32	3,370.03	344.28	10.789		
20,200.00	7,001.00	15,135.00	6,838.83	324.81	225.16	85.09	-5,517.70	-15,915.15	3,624.81	3,274.63	350.18	10.351		
20,300.00	7,001.00	15,135.00	6,838.83	327.29	225.16	85.09	-5,517.70	-15,915.15	3,535.87	3,179.54	356.33	9.923		
20,400.00	7,001.00	15,135.00	6,838.83	329.78	225.16	85.09	-5,517.70	-15,915.15	3,447.53	3,084.78	362.75	9.504		
20,500.00	7,001.00	15,135.00	6,838.83	332.27	225.16	85.09	-5,517.70	-15,915.15	3,359.85	2,990.39	369.46	9.094		
20,600.00	7,001.00	15,135.00	6,838.83	334.77	225.16	85.09	-5,517.70	-15,915.15	3,272.88	2,896.41	376.47	8.694		
20,700.00	7,001.00	15,135.00	6,838.83	337.27	225.16	85.09	-5,517.70	-15,915.15	3,186.66	2,802.89	383.78	8.303		
20,800.00	7,001.00	15,135.00	6,838.83	339.77	225.16	85.09	-5,517.70	-15,915.15	3,101.28	2,709.86	391.42	7.923		
20,900.00	7,001.00	15,135.00	6,838.83	342.28	225.16	85.09	-5,517.70	-15,915.15	3,016.80	2,617.41	399.39	7.554		
21,000.00	7,001.00	15,135.00	6,838.83	344.79	225.16	85.09	-5,517.70	-15,915.15	2,933.29	2,525.58	407.71	7.195		
21,100.00	7,001.00	15,135.00	6,838.83	347.31	225.16	85.09	-5,517.70	-15,915.15	2,850.84	2,434.45	416.39	6.847		
21,200.00	7,001.00	15,135.00	6,838.83	349.83	225.16	85.09	-5,517.70	-15,915.15	2,769.55	2,344.12	425.43	6.510		
21,300.00	7,001.00	15,135.00	6,838.83	352.35	225.16	85.09	-5,517.70	-15,915.15	2,689.52	2,254.67	434.84	6.185		
21,369.95	7,001.00	15,135.00	6,838.83	354.12	225.16	85.09	-5,517.70	-15,915.15	2,634.35	2,192.70	441.65	5.965 CC, ES, SF		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec 5-T6N-R67W - VARRA 4 - Wellbore #1 - Wellbore #1		Offset Site Error:		0.00 usft
Survey Program:		1757-MWD OWSG											Offset Well Error:		0.00 usft		
Reference		Offset		Semi Major Axis		Distance								Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
11,700.00	7,001.00	17,130.00	7,210.02	155.76	271.45	98.83	-5,663.37	-14,220.04	10,151.31	9,958.25	193.07	52.579					
11,800.00	7,001.00	17,130.00	7,210.02	156.85	271.45	98.83	-5,663.37	-14,220.04	10,052.43	9,858.65	193.79	51.874					
11,900.00	7,001.00	17,130.00	7,210.02	157.98	271.45	98.83	-5,663.37	-14,220.04	9,953.57	9,759.05	194.52	51.170					
12,000.00	7,001.00	17,130.00	7,210.02	159.14	271.45	98.83	-5,663.37	-14,220.04	9,854.73	9,659.46	195.27	50.468					
12,100.00	7,001.00	17,130.00	7,210.02	160.32	271.45	98.83	-5,663.37	-14,220.04	9,755.92	9,559.88	196.03	49.767					
12,200.00	7,001.00	17,130.00	7,210.02	161.54	271.45	98.83	-5,663.37	-14,220.04	9,657.13	9,460.31	196.81	49.067					
12,300.00	7,001.00	17,130.00	7,210.02	162.78	271.45	98.83	-5,663.37	-14,220.04	9,558.36	9,360.75	197.61	48.369					
12,400.00	7,001.00	17,130.00	7,210.02	164.06	271.45	98.83	-5,663.37	-14,220.04	9,459.62	9,261.19	198.43	47.672					
12,500.00	7,001.00	17,130.00	7,210.02	165.36	271.45	98.83	-5,663.37	-14,220.04	9,360.91	9,161.64	199.27	46.977					
12,600.00	7,001.00	17,130.00	7,210.02	166.69	271.45	98.83	-5,663.37	-14,220.04	9,262.23	9,062.11	200.12	46.283					
12,700.00	7,001.00	17,130.00	7,210.02	168.05	271.45	98.83	-5,663.37	-14,220.04	9,163.57	8,962.58	201.00	45.591					
12,800.00	7,001.00	17,130.00	7,210.02	169.44	271.45	98.83	-5,663.37	-14,220.04	9,064.94	8,863.05	201.89	44.901					
12,900.00	7,001.00	17,130.00	7,210.02	170.86	271.45	98.83	-5,663.37	-14,220.04	8,966.35	8,763.54	202.80	44.212					
13,000.00	7,001.00	17,130.00	7,210.02	172.30	271.45	98.83	-5,663.37	-14,220.04	8,867.78	8,664.04	203.74	43.525					
13,100.00	7,001.00	17,130.00	7,210.02	173.78	271.45	98.83	-5,663.37	-14,220.04	8,769.25	8,564.55	204.70	42.839					
13,200.00	7,001.00	17,130.00	7,210.02	175.28	271.45	98.83	-5,663.37	-14,220.04	8,670.75	8,465.07	205.68	42.156					
13,300.00	7,001.00	17,130.00	7,210.02	176.80	271.45	98.83	-5,663.37	-14,220.04	8,572.29	8,365.60	206.69	41.474					
13,400.00	7,001.00	17,130.00	7,210.02	178.36	271.45	98.83	-5,663.37	-14,220.04	8,473.86	8,266.14	207.72	40.795					
13,500.00	7,001.00	17,130.00	7,210.02	179.94	271.45	98.83	-5,663.37	-14,220.04	8,375.47	8,166.69	208.78	40.117					
13,600.00	7,001.00	17,130.00	7,210.02	181.55	271.45	98.83	-5,663.37	-14,220.04	8,277.12	8,067.26	209.86	39.441					
13,700.00	7,001.00	17,130.00	7,210.02	183.18	271.45	98.83	-5,663.37	-14,220.04	8,178.80	7,967.83	210.97	38.768					
13,800.00	7,001.00	17,130.00	7,210.02	184.84	271.45	98.83	-5,663.37	-14,220.04	8,080.53	7,868.43	212.11	38.096					
13,900.00	7,001.00	17,130.00	7,210.02	186.52	271.45	98.83	-5,663.37	-14,220.04	7,982.31	7,769.03	213.28	37.427					
14,000.00	7,001.00	17,130.00	7,210.02	188.23	271.45	98.83	-5,663.37	-14,220.04	7,884.12	7,669.65	214.47	36.760					
14,100.00	7,001.00	17,130.00	7,210.02	189.97	271.45	98.83	-5,663.37	-14,220.04	7,785.99	7,570.28	215.70	36.096					
14,200.00	7,001.00	17,130.00	7,210.02	191.72	271.45	98.83	-5,663.37	-14,220.04	7,687.90	7,470.93	216.97	35.433					
14,300.00	7,001.00	17,130.00	7,210.02	193.50	271.45	98.83	-5,663.37	-14,220.04	7,589.86	7,371.59	218.26	34.774					
14,400.00	7,001.00	17,130.00	7,210.02	195.30	271.45	98.83	-5,663.37	-14,220.04	7,491.87	7,272.28	219.60	34.117					
14,500.00	7,001.00	17,130.00	7,210.02	197.13	271.45	98.83	-5,663.37	-14,220.04	7,393.94	7,172.97	220.96	33.462					
14,600.00	7,001.00	17,130.00	7,210.02	198.98	271.45	98.83	-5,663.37	-14,220.04	7,296.06	7,073.69	222.37	32.810					
14,700.00	7,001.00	17,130.00	7,210.02	200.85	271.45	98.83	-5,663.37	-14,220.04	7,198.24	6,974.42	223.82	32.161					
14,800.00	7,001.00	17,130.00	7,210.02	202.73	271.45	98.83	-5,663.37	-14,220.04	7,100.48	6,875.18	225.30	31.515					
14,900.00	7,001.00	17,130.00	7,210.02	204.64	271.45	98.83	-5,663.37	-14,220.04	7,002.79	6,775.95	226.83	30.872					
15,000.00	7,001.00	17,130.00	7,210.02	206.57	271.45	98.83	-5,663.37	-14,220.04	6,905.16	6,676.75	228.41	30.232					
15,100.00	7,001.00	17,130.00	7,210.02	208.52	271.45	98.83	-5,663.37	-14,220.04	6,807.60	6,577.57	230.03	29.594					
15,200.00	7,001.00	17,130.00	7,210.02	210.49	271.45	98.83	-5,663.37	-14,220.04	6,710.11	6,478.41	231.70	28.960					
15,300.00	7,001.00	17,130.00	7,210.02	212.48	271.45	98.83	-5,663.37	-14,220.04	6,612.70	6,379.28	233.42	28.330					
15,400.00	7,001.00	17,130.00	7,210.02	214.48	271.45	98.83	-5,663.37	-14,220.04	6,515.36	6,280.17	235.19	27.702					
15,500.00	7,001.00	17,130.00	7,210.02	216.51	271.45	98.83	-5,663.37	-14,220.04	6,418.11	6,181.09	237.02	27.079					
15,600.00	7,001.00	17,130.00	7,210.02	218.55	271.45	98.83	-5,663.37	-14,220.04	6,320.94	6,082.04	238.90	26.458					
15,700.00	7,001.00	17,130.00	7,210.02	220.60	271.45	98.83	-5,663.37	-14,220.04	6,223.87	5,983.02	240.85	25.842					
15,800.00	7,001.00	17,130.00	7,210.02	222.68	271.45	98.83	-5,663.37	-14,220.04	6,126.88	5,884.03	242.85	25.229					
15,900.00	7,001.00	17,130.00	7,210.02	224.76	271.45	98.83	-5,663.37	-14,220.04	6,030.00	5,785.07	244.92	24.620					
16,000.00	7,001.00	17,130.00	7,210.02	226.87	271.45	98.83	-5,663.37	-14,220.04	5,933.22	5,686.15	247.06	24.015					
16,100.00	7,001.00	17,130.00	7,210.02	228.99	271.45	98.83	-5,663.37	-14,220.04	5,836.54	5,587.27	249.28	23.414					
16,200.00	7,001.00	17,130.00	7,210.02	231.12	271.45	98.83	-5,663.37	-14,220.04	5,739.98	5,488.42	251.56	22.817					
16,300.00	7,001.00	17,130.00	7,210.02	233.27	271.45	98.83	-5,663.37	-14,220.04	5,643.55	5,389.62	253.93	22.225					
16,400.00	7,001.00	17,130.00	7,210.02	235.43	271.45	98.83	-5,663.37	-14,220.04	5,547.23	5,290.86	256.37	21.637					
16,500.00	7,001.00	17,130.00	7,210.02	237.61	271.45	98.83	-5,663.37	-14,220.04	5,451.05	5,192.15	258.91	21.054					
16,600.00	7,001.00	17,130.00	7,210.02	239.79	271.45	98.83	-5,663.37	-14,220.04	5,355.01	5,093.48	261.53	20.476					
16,700.00	7,001.00	17,130.00	7,210.02	242.00	271.45	98.83	-5,663.37	-14,220.04	5,259.12	4,994.87	264.25	19.902					
16,800.00	7,001.00	17,130.00	7,210.02	244.21	271.45	98.83	-5,663.37	-14,220.04	5,163.38	4,896.32	267.06	19.334					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1757-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,900.00	7,001.00	17,130.00	7,210.02	246.43	271.45	98.83	-5,663.37	-14,220.04	5,067.81	4,797.83	269.98	18.771		
17,000.00	7,001.00	17,130.00	7,210.02	248.67	271.45	98.83	-5,663.37	-14,220.04	4,972.41	4,699.40	273.02	18.213		
17,100.00	7,001.00	17,130.00	7,210.02	250.92	271.45	98.83	-5,663.37	-14,220.04	4,877.20	4,601.03	276.16	17.661		
17,200.00	7,001.00	17,130.00	7,210.02	253.18	271.45	98.83	-5,663.37	-14,220.04	4,782.18	4,502.75	279.43	17.114		
17,300.00	7,001.00	17,130.00	7,210.02	255.45	271.45	98.83	-5,663.37	-14,220.04	4,687.37	4,404.54	282.83	16.573		
17,400.00	7,001.00	17,130.00	7,210.02	257.73	271.45	98.83	-5,663.37	-14,220.04	4,592.78	4,306.41	286.37	16.038		
17,500.00	7,001.00	17,130.00	7,210.02	260.02	271.45	98.83	-5,663.37	-14,220.04	4,498.42	4,208.38	290.04	15.510		
17,600.00	7,001.00	17,130.00	7,210.02	262.32	271.45	98.83	-5,663.37	-14,220.04	4,404.31	4,110.45	293.87	14.987		
17,700.00	7,001.00	17,130.00	7,210.02	264.63	271.45	98.83	-5,663.37	-14,220.04	4,310.47	4,012.62	297.85	14.472		
17,800.00	7,001.00	17,130.00	7,210.02	266.95	271.45	98.83	-5,663.37	-14,220.04	4,216.91	3,914.91	302.01	13.963		
17,900.00	7,001.00	17,130.00	7,210.02	269.28	271.45	98.83	-5,663.37	-14,220.04	4,123.66	3,817.32	306.34	13.461		
18,000.00	7,001.00	17,130.00	7,210.02	271.61	271.45	98.83	-5,663.37	-14,220.04	4,030.72	3,719.87	310.85	12.967		
18,100.00	7,001.00	17,130.00	7,210.02	273.96	271.45	98.83	-5,663.37	-14,220.04	3,938.13	3,622.56	315.57	12.479		
18,200.00	7,001.00	17,130.00	7,210.02	276.31	271.45	98.83	-5,663.37	-14,220.04	3,845.92	3,525.42	320.49	12.000		
18,300.00	7,001.00	17,130.00	7,210.02	278.67	271.45	98.83	-5,663.37	-14,220.04	3,754.10	3,428.46	325.64	11.528		
18,400.00	7,001.00	17,130.00	7,210.02	281.04	271.45	98.83	-5,663.37	-14,220.04	3,662.71	3,331.69	331.02	11.065		
18,500.00	7,001.00	17,130.00	7,210.02	283.42	271.45	98.83	-5,663.37	-14,220.04	3,571.78	3,235.14	336.64	10.610		
18,600.00	7,001.00	17,130.00	7,210.02	285.80	271.45	98.83	-5,663.37	-14,220.04	3,481.35	3,138.82	342.53	10.164		
18,700.00	7,001.00	17,130.00	7,210.02	288.19	271.45	98.83	-5,663.37	-14,220.04	3,391.46	3,042.76	348.70	9.726		
18,800.00	7,001.00	17,130.00	7,210.02	290.59	271.45	98.83	-5,663.37	-14,220.04	3,302.15	2,947.00	355.15	9.298		
18,900.00	7,001.00	17,130.00	7,210.02	293.00	271.45	98.83	-5,663.37	-14,220.04	3,213.47	2,851.55	361.91	8.879		
19,000.00	7,001.00	17,130.00	7,210.02	295.41	271.45	98.83	-5,663.37	-14,220.04	3,125.47	2,756.47	369.00	8.470		
19,100.00	7,001.00	17,130.00	7,210.02	297.83	271.45	98.83	-5,663.37	-14,220.04	3,038.21	2,661.79	376.42	8.071		
19,200.00	7,001.00	17,130.00	7,210.02	300.25	271.45	98.83	-5,663.37	-14,220.04	2,951.76	2,567.56	384.21	7.683		
19,300.00	7,001.00	17,130.00	7,210.02	302.68	271.45	98.83	-5,663.37	-14,220.04	2,866.20	2,473.84	392.36	7.305		
19,400.00	7,001.00	17,130.00	7,210.02	305.12	271.45	98.83	-5,663.37	-14,220.04	2,781.60	2,380.69	400.91	6.938		
19,500.00	7,001.00	17,130.00	7,210.02	307.56	271.45	98.83	-5,663.37	-14,220.04	2,698.05	2,288.19	409.86	6.583		
19,600.00	7,001.00	17,130.00	7,210.02	310.01	271.45	98.83	-5,663.37	-14,220.04	2,615.65	2,196.43	419.22	6.239		
19,700.00	7,001.00	17,130.00	7,210.02	312.46	271.45	98.83	-5,663.37	-14,220.04	2,534.53	2,105.51	429.01	5.908		
19,800.00	7,001.00	17,130.00	7,210.02	314.92	271.45	98.83	-5,663.37	-14,220.04	2,454.79	2,015.55	439.24	5.589		
19,900.00	7,001.00	17,130.00	7,210.02	317.39	271.45	98.83	-5,663.37	-14,220.04	2,376.59	1,926.70	449.90	5.283		
20,000.00	7,001.00	17,130.00	7,210.02	319.85	271.45	98.83	-5,663.37	-14,220.04	2,300.08	1,839.10	460.98	4.990		
20,100.00	7,001.00	17,130.00	7,210.02	322.33	271.45	98.83	-5,663.37	-14,220.04	2,225.43	1,752.97	472.47	4.710		
20,200.00	7,001.00	17,130.00	7,210.02	324.81	271.45	98.83	-5,663.37	-14,220.04	2,152.84	1,668.51	484.34	4.445		
20,300.00	7,001.00	17,130.00	7,210.02	327.29	271.45	98.83	-5,663.37	-14,220.04	2,082.53	1,585.99	496.54	4.194		
20,400.00	7,001.00	17,130.00	7,210.02	329.78	271.45	98.83	-5,663.37	-14,220.04	2,014.72	1,505.71	509.01	3.958		
20,500.00	7,001.00	17,130.00	7,210.02	332.27	271.45	98.83	-5,663.37	-14,220.04	1,949.69	1,428.02	521.67	3.737		
20,600.00	7,001.00	17,130.00	7,210.02	334.77	271.45	98.83	-5,663.37	-14,220.04	1,887.72	1,353.33	534.39	3.532		
20,700.00	7,001.00	17,130.00	7,210.02	337.27	271.45	98.83	-5,663.37	-14,220.04	1,829.11	1,282.09	547.02	3.344		
20,800.00	7,001.00	17,130.00	7,210.02	339.77	271.45	98.83	-5,663.37	-14,220.04	1,774.22	1,214.82	559.39	3.172		
20,900.00	7,001.00	17,130.00	7,210.02	342.28	271.45	98.83	-5,663.37	-14,220.04	1,723.38	1,152.10	571.27	3.017		
21,000.00	7,001.00	17,130.00	7,210.02	344.79	271.45	98.83	-5,663.37	-14,220.04	1,676.96	1,094.55	582.41	2.879		
21,100.00	7,001.00	17,130.00	7,210.02	347.31	271.45	98.83	-5,663.37	-14,220.04	1,635.36	1,042.83	592.52	2.760		
21,200.00	7,001.00	17,130.00	7,210.02	349.83	271.45	98.83	-5,663.37	-14,220.04	1,598.93	997.63	601.30	2.659		
21,300.00	7,001.00	17,130.00	7,210.02	352.35	271.45	98.83	-5,663.37	-14,220.04	1,568.04	959.63	608.41	2.577		
21,369.95	7,001.00	17,130.00	7,210.02	354.12	271.45	98.83	-5,663.37	-14,220.04	1,549.91	937.67	612.24	2.532 CC, ES, SF		



Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-04
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4921.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4921.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Sec 5-T6N-R67W - VARRA 5 - Wellbore #1 - Wellbore #1		Offset Site Error:		0.00 usft
Survey Program: 1662-MWD OWSG														Offset Well Error:		0.00 usft	
Reference		Offset		Semi Major Axis		Distance											
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning				
11,700.00	7,001.00	16,905.00	6,998.53	155.76	271.34	90.86	-5,851.55	-14,222.00	10,124.46	9,938.12	186.35	54.331					
11,800.00	7,001.00	16,905.00	6,998.53	156.85	271.34	90.86	-5,851.55	-14,222.00	10,025.30	9,838.33	186.97	53.619					
11,900.00	7,001.00	16,905.00	6,998.53	157.98	271.34	90.86	-5,851.55	-14,222.00	9,926.15	9,738.54	187.61	52.908					
12,000.00	7,001.00	16,905.00	6,998.53	159.14	271.34	90.86	-5,851.55	-14,222.00	9,827.02	9,638.75	188.27	52.198					
12,100.00	7,001.00	16,905.00	6,998.53	160.32	271.34	90.86	-5,851.55	-14,222.00	9,727.91	9,538.97	188.93	51.489					
12,200.00	7,001.00	16,905.00	6,998.53	161.54	271.34	90.86	-5,851.55	-14,222.00	9,628.81	9,439.20	189.62	50.781					
12,300.00	7,001.00	16,905.00	6,998.53	162.78	271.34	90.86	-5,851.55	-14,222.00	9,529.74	9,339.42	190.31	50.074					
12,400.00	7,001.00	16,905.00	6,998.53	164.06	271.34	90.86	-5,851.55	-14,222.00	9,430.68	9,239.65	191.03	49.368					
12,500.00	7,001.00	16,905.00	6,998.53	165.36	271.34	90.86	-5,851.55	-14,222.00	9,331.64	9,139.89	191.76	48.664					
12,600.00	7,001.00	16,905.00	6,998.53	166.69	271.34	90.86	-5,851.55	-14,222.00	9,232.63	9,040.12	192.51	47.960					
12,700.00	7,001.00	16,905.00	6,998.53	168.05	271.34	90.86	-5,851.55	-14,222.00	9,133.64	8,940.37	193.27	47.259					
12,800.00	7,001.00	16,905.00	6,998.53	169.44	271.34	90.86	-5,851.55	-14,222.00	9,034.66	8,840.61	194.05	46.558					
12,900.00	7,001.00	16,905.00	6,998.53	170.86	271.34	90.86	-5,851.55	-14,222.00	8,935.72	8,740.86	194.85	45.859					
13,000.00	7,001.00	16,905.00	6,998.53	172.30	271.34	90.86	-5,851.55	-14,222.00	8,836.79	8,641.12	195.67	45.161					
13,100.00	7,001.00	16,905.00	6,998.53	173.78	271.34	90.86	-5,851.55	-14,222.00	8,737.89	8,541.38	196.51	44.465					
13,200.00	7,001.00	16,905.00	6,998.53	175.28	271.34	90.86	-5,851.55	-14,222.00	8,639.01	8,441.64	197.37	43.770					
13,300.00	7,001.00	16,905.00	6,998.53	176.80	271.34	90.86	-5,851.55	-14,222.00	8,540.17	8,341.91	198.26	43.077					
13,400.00	7,001.00	16,905.00	6,998.53	178.36	271.34	90.86	-5,851.55	-14,222.00	8,441.34	8,242.18	199.16	42.385					
13,500.00	7,001.00	16,905.00	6,998.53	179.94	271.34	90.86	-5,851.55	-14,222.00	8,342.55	8,142.46	200.09	41.695					
13,600.00	7,001.00	16,905.00	6,998.53	181.55	271.34	90.86	-5,851.55	-14,222.00	8,243.79	8,042.75	201.04	41.007					
13,700.00	7,001.00	16,905.00	6,998.53	183.18	271.34	90.86	-5,851.55	-14,222.00	8,145.05	7,943.04	202.01	40.320					
13,800.00	7,001.00	16,905.00	6,998.53	184.84	271.34	90.86	-5,851.55	-14,222.00	8,046.35	7,843.34	203.01	39.635					
13,900.00	7,001.00	16,905.00	6,998.53	186.52	271.34	90.86	-5,851.55	-14,222.00	7,947.68	7,743.64	204.04	38.952					
14,000.00	7,001.00	16,905.00	6,998.53	188.23	271.34	90.86	-5,851.55	-14,222.00	7,849.04	7,643.95	205.09	38.271					
14,100.00	7,001.00	16,905.00	6,998.53	189.97	271.34	90.86	-5,851.55	-14,222.00	7,750.44	7,544.27	206.17	37.592					
14,200.00	7,001.00	16,905.00	6,998.53	191.72	271.34	90.86	-5,851.55	-14,222.00	7,651.87	7,444.59	207.28	36.915					
14,300.00	7,001.00	16,905.00	6,998.53	193.50	271.34	90.86	-5,851.55	-14,222.00	7,553.34	7,344.92	208.42	36.241					
14,400.00	7,001.00	16,905.00	6,998.53	195.30	271.34	90.86	-5,851.55	-14,222.00	7,454.85	7,245.26	209.59	35.568					
14,500.00	7,001.00	16,905.00	6,998.53	197.13	271.34	90.86	-5,851.55	-14,222.00	7,356.40	7,145.60	210.80	34.897					
14,600.00	7,001.00	16,905.00	6,998.53	198.98	271.34	90.86	-5,851.55	-14,222.00	7,258.00	7,045.96	212.04	34.229					
14,700.00	7,001.00	16,905.00	6,998.53	200.85	271.34	90.86	-5,851.55	-14,222.00	7,159.64	6,946.32	213.32	33.564					
14,800.00	7,001.00	16,905.00	6,998.53	202.73	271.34	90.86	-5,851.55	-14,222.00	7,061.32	6,846.69	214.63	32.900					
14,900.00	7,001.00	16,905.00	6,998.53	204.64	271.34	90.86	-5,851.55	-14,222.00	6,963.05	6,747.07	215.98	32.239					
15,000.00	7,001.00	16,905.00	6,998.53	206.57	271.34	90.86	-5,851.55	-14,222.00	6,864.83	6,647.46	217.37	31.581					
15,100.00	7,001.00	16,905.00	6,998.53	208.52	271.34	90.86	-5,851.55	-14,222.00	6,766.67	6,547.87	218.80	30.926					
15,200.00	7,001.00	16,905.00	6,998.53	210.49	271.34	90.86	-5,851.55	-14,222.00	6,668.56	6,448.28	220.28	30.273					
15,300.00	7,001.00	16,905.00	6,998.53	212.48	271.34	90.86	-5,851.55	-14,222.00	6,570.50	6,348.70	221.80	29.623					
15,400.00	7,001.00	16,905.00	6,998.53	214.48	271.34	90.86	-5,851.55	-14,222.00	6,472.51	6,249.14	223.37	28.976					
15,500.00	7,001.00	16,905.00	6,998.53	216.51	271.34	90.86	-5,851.55	-14,222.00	6,374.58	6,149.59	224.99	28.333					
15,600.00	7,001.00	16,905.00	6,998.53	218.55	271.34	90.86	-5,851.55	-14,222.00	6,276.71	6,050.05	226.66	27.692					
15,700.00	7,001.00	16,905.00	6,998.53	220.60	271.34	90.86	-5,851.55	-14,222.00	6,178.91	5,950.52	228.39	27.054					
15,800.00	7,001.00	16,905.00	6,998.53	222.68	271.34	90.86	-5,851.55	-14,222.00	6,081.18	5,851.01	230.17	26.420					
15,900.00	7,001.00	16,905.00	6,998.53	224.76	271.34	90.86	-5,851.55	-14,222.00	5,983.53	5,751.52	232.01	25.790					
16,000.00	7,001.00	16,905.00	6,998.53	226.87	271.34	90.86	-5,851.55	-14,222.00	5,885.96	5,652.04	233.92	25.163					
16,100.00	7,001.00	16,905.00	6,998.53	228.99	271.34	90.86	-5,851.55	-14,222.00	5,788.47	5,552.58	235.89	24.539					
16,200.00	7,001.00	16,905.00	6,998.53	231.12	271.34	90.86	-5,851.55	-14,222.00	5,691.06	5,453.14	237.93	23.919					
16,300.00	7,001.00	16,905.00	6,998.53	233.27	271.34	90.86	-5,851.55	-14,222.00	5,593.75	5,353.72	240.04	23.304					
16,400.00	7,001.00	16,905.00	6,998.53	235.43	271.34	90.86	-5,851.55	-14,222.00	5,496.54	5,254.31	242.22	22.692					
16,500.00	7,001.00	16,905.00	6,998.53	237.61	271.34	90.86	-5,851.55	-14,222.00	5,399.42	5,154.94	244.49	22.085					
16,600.00	7,001.00	16,905.00	6,998.53	239.79	271.34	90.86	-5,851.55	-14,222.00	5,302.42	5,055.58	246.84	21.482					
16,700.00	7,001.00	16,905.00	6,998.53	242.00	271.34	90.86	-5,851.55	-14,222.00	5,205.52	4,956.25	249.27	20.883					
16,800.00	7,001.00	16,905.00	6,998.53	244.21	271.34	90.86	-5,851.55	-14,222.00	5,108.75	4,856.95	251.80	20.289					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1662-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,900.00	7,001.00	16,905.00	6,998.53	246.43	271.34	90.86	-5,851.55	-14,222.00	5,012.10	4,757.68	254.43	19.699		
17,000.00	7,001.00	16,905.00	6,998.53	248.67	271.34	90.86	-5,851.55	-14,222.00	4,915.59	4,658.43	257.16	19.115		
17,100.00	7,001.00	16,905.00	6,998.53	250.92	271.34	90.86	-5,851.55	-14,222.00	4,819.22	4,559.23	260.00	18.536		
17,200.00	7,001.00	16,905.00	6,998.53	253.18	271.34	90.86	-5,851.55	-14,222.00	4,723.00	4,460.05	262.95	17.962		
17,300.00	7,001.00	16,905.00	6,998.53	255.45	271.34	90.86	-5,851.55	-14,222.00	4,626.94	4,360.92	266.02	17.393		
17,400.00	7,001.00	16,905.00	6,998.53	257.73	271.34	90.86	-5,851.55	-14,222.00	4,531.05	4,261.83	269.22	16.830		
17,500.00	7,001.00	16,905.00	6,998.53	260.02	271.34	90.86	-5,851.55	-14,222.00	4,435.35	4,162.79	272.56	16.273		
17,600.00	7,001.00	16,905.00	6,998.53	262.32	271.34	90.86	-5,851.55	-14,222.00	4,339.83	4,063.79	276.04	15.722		
17,700.00	7,001.00	16,905.00	6,998.53	264.63	271.34	90.86	-5,851.55	-14,222.00	4,244.53	3,964.85	279.67	15.177		
17,800.00	7,001.00	16,905.00	6,998.53	266.95	271.34	90.86	-5,851.55	-14,222.00	4,149.44	3,865.97	283.47	14.638		
17,900.00	7,001.00	16,905.00	6,998.53	269.28	271.34	90.86	-5,851.55	-14,222.00	4,054.59	3,767.16	287.43	14.106		
18,000.00	7,001.00	16,905.00	6,998.53	271.61	271.34	90.86	-5,851.55	-14,222.00	3,960.00	3,668.42	291.58	13.581		
18,100.00	7,001.00	16,905.00	6,998.53	273.96	271.34	90.86	-5,851.55	-14,222.00	3,865.67	3,569.75	295.92	13.063		
18,200.00	7,001.00	16,905.00	6,998.53	276.31	271.34	90.86	-5,851.55	-14,222.00	3,771.64	3,471.17	300.47	12.552		
18,300.00	7,001.00	16,905.00	6,998.53	278.67	271.34	90.86	-5,851.55	-14,222.00	3,677.93	3,372.69	305.24	12.049		
18,400.00	7,001.00	16,905.00	6,998.53	281.04	271.34	90.86	-5,851.55	-14,222.00	3,584.55	3,274.31	310.24	11.554		
18,500.00	7,001.00	16,905.00	6,998.53	283.42	271.34	90.86	-5,851.55	-14,222.00	3,491.54	3,176.06	315.48	11.067		
18,600.00	7,001.00	16,905.00	6,998.53	285.80	271.34	90.86	-5,851.55	-14,222.00	3,398.93	3,077.93	321.00	10.589		
18,700.00	7,001.00	16,905.00	6,998.53	288.19	271.34	90.86	-5,851.55	-14,222.00	3,306.75	2,979.95	326.79	10.119		
18,800.00	7,001.00	16,905.00	6,998.53	290.59	271.34	90.86	-5,851.55	-14,222.00	3,215.03	2,882.14	332.89	9.658		
18,900.00	7,001.00	16,905.00	6,998.53	293.00	271.34	90.86	-5,851.55	-14,222.00	3,123.82	2,784.52	339.30	9.207		
19,000.00	7,001.00	16,905.00	6,998.53	295.41	271.34	90.86	-5,851.55	-14,222.00	3,033.17	2,687.11	346.06	8.765		
19,100.00	7,001.00	16,905.00	6,998.53	297.83	271.34	90.86	-5,851.55	-14,222.00	2,943.12	2,589.94	353.18	8.333		
19,200.00	7,001.00	16,905.00	6,998.53	300.25	271.34	90.86	-5,851.55	-14,222.00	2,853.74	2,493.05	360.69	7.912		
19,300.00	7,001.00	16,905.00	6,998.53	302.68	271.34	90.86	-5,851.55	-14,222.00	2,765.08	2,396.47	368.62	7.501		
19,400.00	7,001.00	16,905.00	6,998.53	305.12	271.34	90.86	-5,851.55	-14,222.00	2,677.23	2,300.25	376.98	7.102		
19,500.00	7,001.00	16,905.00	6,998.53	307.56	271.34	90.86	-5,851.55	-14,222.00	2,590.25	2,204.45	385.80	6.714		
19,600.00	7,001.00	16,905.00	6,998.53	310.01	271.34	90.86	-5,851.55	-14,222.00	2,504.25	2,109.13	395.11	6.338		
19,700.00	7,001.00	16,905.00	6,998.53	312.46	271.34	90.86	-5,851.55	-14,222.00	2,419.32	2,014.38	404.94	5.975		
19,800.00	7,001.00	16,905.00	6,998.53	314.92	271.34	90.86	-5,851.55	-14,222.00	2,335.59	1,920.28	415.30	5.624		
19,900.00	7,001.00	16,905.00	6,998.53	317.39	271.34	90.86	-5,851.55	-14,222.00	2,253.18	1,826.96	426.22	5.286		
20,000.00	7,001.00	16,905.00	6,998.53	319.85	271.34	90.86	-5,851.55	-14,222.00	2,172.25	1,734.54	437.71	4.963		
20,100.00	7,001.00	16,905.00	6,998.53	322.33	271.34	90.86	-5,851.55	-14,222.00	2,092.97	1,643.19	449.78	4.653		
20,200.00	7,001.00	16,905.00	6,998.53	324.81	271.34	90.86	-5,851.55	-14,222.00	2,015.53	1,553.12	462.41	4.359		
20,300.00	7,001.00	16,905.00	6,998.53	327.29	271.34	90.86	-5,851.55	-14,222.00	1,940.16	1,464.56	475.61	4.079		
20,400.00	7,001.00	16,905.00	6,998.53	329.78	271.34	90.86	-5,851.55	-14,222.00	1,867.11	1,377.79	489.31	3.816		
20,500.00	7,001.00	16,905.00	6,998.53	332.27	271.34	90.86	-5,851.55	-14,222.00	1,796.65	1,293.18	503.47	3.569		
20,600.00	7,001.00	16,905.00	6,998.53	334.77	271.34	90.86	-5,851.55	-14,222.00	1,729.10	1,211.14	517.96	3.338		
20,700.00	7,001.00	16,905.00	6,998.53	337.27	271.34	90.86	-5,851.55	-14,222.00	1,664.83	1,132.17	532.66	3.125		
20,800.00	7,001.00	16,905.00	6,998.53	339.77	271.34	90.86	-5,851.55	-14,222.00	1,604.22	1,056.85	547.36	2.931		
20,900.00	7,001.00	16,905.00	6,998.53	342.28	271.34	90.86	-5,851.55	-14,222.00	1,547.70	985.89	561.81	2.755		
21,000.00	7,001.00	16,905.00	6,998.53	344.79	271.34	90.86	-5,851.55	-14,222.00	1,495.73	920.05	575.68	2.598		
21,100.00	7,001.00	16,905.00	6,998.53	347.31	271.34	90.86	-5,851.55	-14,222.00	1,448.82	860.23	588.59	2.462		
21,200.00	7,001.00	16,905.00	6,998.53	349.83	271.34	90.86	-5,851.55	-14,222.00	1,407.45	807.37	600.09	2.345		
21,300.00	7,001.00	16,905.00	6,998.53	352.35	271.34	90.86	-5,851.55	-14,222.00	1,372.14	762.45	609.69	2.251		
21,369.95	7,001.00	16,905.00	6,998.53	354.12	271.34	90.86	-5,851.55	-14,222.00	1,351.30	736.28	615.02	2.197 CC, ES, SF		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1662-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,700.00	7,001.00	17,004.00	7,125.88	155.76	269.94	98.79	-6,201.30	-14,263.40	10,127.24	9,951.69	175.54	57.691		
11,800.00	7,001.00	17,004.00	7,125.88	156.85	269.94	98.79	-6,201.30	-14,263.40	10,027.69	9,851.72	175.97	56.984		
11,900.00	7,001.00	17,004.00	7,125.88	157.98	269.94	98.79	-6,201.30	-14,263.40	9,928.16	9,751.74	176.42	56.277		
12,000.00	7,001.00	17,004.00	7,125.88	159.14	269.94	98.79	-6,201.30	-14,263.40	9,828.63	9,651.76	176.87	55.571		
12,100.00	7,001.00	17,004.00	7,125.88	160.32	269.94	98.79	-6,201.30	-14,263.40	9,729.11	9,551.79	177.33	54.865		
12,200.00	7,001.00	17,004.00	7,125.88	161.54	269.94	98.79	-6,201.30	-14,263.40	9,629.61	9,451.81	177.80	54.160		
12,300.00	7,001.00	17,004.00	7,125.88	162.78	269.94	98.79	-6,201.30	-14,263.40	9,530.11	9,351.83	178.28	53.455		
12,400.00	7,001.00	17,004.00	7,125.88	164.06	269.94	98.79	-6,201.30	-14,263.40	9,430.63	9,251.85	178.78	52.751		
12,500.00	7,001.00	17,004.00	7,125.88	165.36	269.94	98.79	-6,201.30	-14,263.40	9,331.15	9,151.87	179.28	52.047		
12,600.00	7,001.00	17,004.00	7,125.88	166.69	269.94	98.79	-6,201.30	-14,263.40	9,231.69	9,051.89	179.80	51.344		
12,700.00	7,001.00	17,004.00	7,125.88	168.05	269.94	98.79	-6,201.30	-14,263.40	9,132.24	8,951.91	180.33	50.642		
12,800.00	7,001.00	17,004.00	7,125.88	169.44	269.94	98.79	-6,201.30	-14,263.40	9,032.80	8,851.92	180.87	49.940		
12,900.00	7,001.00	17,004.00	7,125.88	170.86	269.94	98.79	-6,201.30	-14,263.40	8,933.37	8,751.94	181.43	49.238		
13,000.00	7,001.00	17,004.00	7,125.88	172.30	269.94	98.79	-6,201.30	-14,263.40	8,833.96	8,651.96	182.00	48.538		
13,100.00	7,001.00	17,004.00	7,125.88	173.78	269.94	98.79	-6,201.30	-14,263.40	8,734.56	8,551.97	182.59	47.838		
13,200.00	7,001.00	17,004.00	7,125.88	175.28	269.94	98.79	-6,201.30	-14,263.40	8,635.17	8,451.99	183.19	47.138		
13,300.00	7,001.00	17,004.00	7,125.88	176.80	269.94	98.79	-6,201.30	-14,263.40	8,535.80	8,352.00	183.80	46.440		
13,400.00	7,001.00	17,004.00	7,125.88	178.36	269.94	98.79	-6,201.30	-14,263.40	8,436.44	8,252.01	184.44	45.742		
13,500.00	7,001.00	17,004.00	7,125.88	179.94	269.94	98.79	-6,201.30	-14,263.40	8,337.10	8,152.02	185.08	45.045		
13,600.00	7,001.00	17,004.00	7,125.88	181.55	269.94	98.79	-6,201.30	-14,263.40	8,237.78	8,052.03	185.75	44.349		
13,700.00	7,001.00	17,004.00	7,125.88	183.18	269.94	98.79	-6,201.30	-14,263.40	8,138.47	7,952.04	186.43	43.654		
13,800.00	7,001.00	17,004.00	7,125.88	184.84	269.94	98.79	-6,201.30	-14,263.40	8,039.18	7,852.04	187.13	42.960		
13,900.00	7,001.00	17,004.00	7,125.88	186.52	269.94	98.79	-6,201.30	-14,263.40	7,939.90	7,752.05	187.85	42.267		
14,000.00	7,001.00	17,004.00	7,125.88	188.23	269.94	98.79	-6,201.30	-14,263.40	7,840.65	7,652.05	188.59	41.574		
14,100.00	7,001.00	17,004.00	7,125.88	189.97	269.94	98.79	-6,201.30	-14,263.40	7,741.41	7,552.05	189.35	40.883		
14,200.00	7,001.00	17,004.00	7,125.88	191.72	269.94	98.79	-6,201.30	-14,263.40	7,642.19	7,452.05	190.14	40.193		
14,300.00	7,001.00	17,004.00	7,125.88	193.50	269.94	98.79	-6,201.30	-14,263.40	7,543.00	7,352.05	190.94	39.504		
14,400.00	7,001.00	17,004.00	7,125.88	195.30	269.94	98.79	-6,201.30	-14,263.40	7,443.82	7,252.05	191.77	38.816		
14,500.00	7,001.00	17,004.00	7,125.88	197.13	269.94	98.79	-6,201.30	-14,263.40	7,344.67	7,152.05	192.62	38.130		
14,600.00	7,001.00	17,004.00	7,125.88	198.98	269.94	98.79	-6,201.30	-14,263.40	7,245.54	7,052.04	193.50	37.444		
14,700.00	7,001.00	17,004.00	7,125.88	200.85	269.94	98.79	-6,201.30	-14,263.40	7,146.44	6,952.03	194.41	36.760		
14,800.00	7,001.00	17,004.00	7,125.88	202.73	269.94	98.79	-6,201.30	-14,263.40	7,047.36	6,852.02	195.34	36.078		
14,900.00	7,001.00	17,004.00	7,125.88	204.64	269.94	98.79	-6,201.30	-14,263.40	6,948.30	6,752.01	196.30	35.397		
15,000.00	7,001.00	17,004.00	7,125.88	206.57	269.94	98.79	-6,201.30	-14,263.40	6,849.28	6,651.99	197.29	34.717		
15,100.00	7,001.00	17,004.00	7,125.88	208.52	269.94	98.79	-6,201.30	-14,263.40	6,750.28	6,551.97	198.31	34.039		
15,200.00	7,001.00	17,004.00	7,125.88	210.49	269.94	98.79	-6,201.30	-14,263.40	6,651.31	6,451.95	199.36	33.363		
15,300.00	7,001.00	17,004.00	7,125.88	212.48	269.94	98.79	-6,201.30	-14,263.40	6,552.38	6,351.93	200.45	32.688		
15,400.00	7,001.00	17,004.00	7,125.88	214.48	269.94	98.79	-6,201.30	-14,263.40	6,453.48	6,251.90	201.57	32.016		
15,500.00	7,001.00	17,004.00	7,125.88	216.51	269.94	98.79	-6,201.30	-14,263.40	6,354.61	6,151.88	202.73	31.345		
15,600.00	7,001.00	17,004.00	7,125.88	218.55	269.94	98.79	-6,201.30	-14,263.40	6,255.78	6,051.84	203.93	30.676		
15,700.00	7,001.00	17,004.00	7,125.88	220.60	269.94	98.79	-6,201.30	-14,263.40	6,156.98	5,951.81	205.17	30.009		
15,800.00	7,001.00	17,004.00	7,125.88	222.68	269.94	98.79	-6,201.30	-14,263.40	6,058.23	5,851.77	206.46	29.344		
15,900.00	7,001.00	17,004.00	7,125.88	224.76	269.94	98.79	-6,201.30	-14,263.40	5,959.51	5,751.73	207.78	28.681		
16,000.00	7,001.00	17,004.00	7,125.88	226.87	269.94	98.79	-6,201.30	-14,263.40	5,860.84	5,651.69	209.16	28.021		
16,100.00	7,001.00	17,004.00	7,125.88	228.99	269.94	98.79	-6,201.30	-14,263.40	5,762.22	5,551.64	210.58	27.363		
16,200.00	7,001.00	17,004.00	7,125.88	231.12	269.94	98.79	-6,201.30	-14,263.40	5,663.64	5,451.58	212.06	26.708		
16,300.00	7,001.00	17,004.00	7,125.88	233.27	269.94	98.79	-6,201.30	-14,263.40	5,565.12	5,351.53	213.59	26.055		
16,400.00	7,001.00	17,004.00	7,125.88	235.43	269.94	98.79	-6,201.30	-14,263.40	5,466.65	5,251.46	215.18	25.405		
16,500.00	7,001.00	17,004.00	7,125.88	237.61	269.94	98.79	-6,201.30	-14,263.40	5,368.23	5,151.40	216.84	24.757		
16,600.00	7,001.00	17,004.00	7,125.88	239.79	269.94	98.79	-6,201.30	-14,263.40	5,269.88	5,051.33	218.55	24.113		
16,700.00	7,001.00	17,004.00	7,125.88	242.00	269.94	98.79	-6,201.30	-14,263.40	5,171.59	4,951.25	220.33	23.472		
16,800.00	7,001.00	17,004.00	7,125.88	244.21	269.94	98.79	-6,201.30	-14,263.40	5,073.36	4,851.17	222.19	22.834		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1662-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,900.00	7,001.00	17,004.00	7,125.88	246.43	269.94	98.79	-6,201.30	-14,263.40	4,975.21	4,751.09	224.12	22.199		
17,000.00	7,001.00	17,004.00	7,125.88	248.67	269.94	98.79	-6,201.30	-14,263.40	4,877.13	4,651.00	226.13	21.568		
17,100.00	7,001.00	17,004.00	7,125.88	250.92	269.94	98.79	-6,201.30	-14,263.40	4,779.13	4,550.90	228.23	20.940		
17,200.00	7,001.00	17,004.00	7,125.88	253.18	269.94	98.79	-6,201.30	-14,263.40	4,681.21	4,450.80	230.41	20.316		
17,300.00	7,001.00	17,004.00	7,125.88	255.45	269.94	98.79	-6,201.30	-14,263.40	4,583.39	4,350.69	232.70	19.697		
17,400.00	7,001.00	17,004.00	7,125.88	257.73	269.94	98.79	-6,201.30	-14,263.40	4,485.66	4,250.58	235.08	19.081		
17,500.00	7,001.00	17,004.00	7,125.88	260.02	269.94	98.79	-6,201.30	-14,263.40	4,388.03	4,150.46	237.58	18.470		
17,600.00	7,001.00	17,004.00	7,125.88	262.32	269.94	98.79	-6,201.30	-14,263.40	4,290.51	4,050.33	240.18	17.863		
17,700.00	7,001.00	17,004.00	7,125.88	264.63	269.94	98.79	-6,201.30	-14,263.40	4,193.11	3,950.20	242.92	17.262		
17,800.00	7,001.00	17,004.00	7,125.88	266.95	269.94	98.79	-6,201.30	-14,263.40	4,095.84	3,850.06	245.78	16.665		
17,900.00	7,001.00	17,004.00	7,125.88	269.28	269.94	98.79	-6,201.30	-14,263.40	3,998.70	3,749.91	248.78	16.073		
18,000.00	7,001.00	17,004.00	7,125.88	271.61	269.94	98.79	-6,201.30	-14,263.40	3,901.70	3,649.76	251.94	15.487		
18,100.00	7,001.00	17,004.00	7,125.88	273.96	269.94	98.79	-6,201.30	-14,263.40	3,804.86	3,549.61	255.25	14.906		
18,200.00	7,001.00	17,004.00	7,125.88	276.31	269.94	98.79	-6,201.30	-14,263.40	3,708.19	3,449.45	258.74	14.332		
18,300.00	7,001.00	17,004.00	7,125.88	278.67	269.94	98.79	-6,201.30	-14,263.40	3,611.69	3,349.28	262.41	13.763		
18,400.00	7,001.00	17,004.00	7,125.88	281.04	269.94	98.79	-6,201.30	-14,263.40	3,515.40	3,249.11	266.29	13.202		
18,500.00	7,001.00	17,004.00	7,125.88	283.42	269.94	98.79	-6,201.30	-14,263.40	3,419.31	3,148.94	270.37	12.647		
18,600.00	7,001.00	17,004.00	7,125.88	285.80	269.94	98.79	-6,201.30	-14,263.40	3,323.46	3,048.77	274.69	12.099		
18,700.00	7,001.00	17,004.00	7,125.88	288.19	269.94	98.79	-6,201.30	-14,263.40	3,227.86	2,948.60	279.26	11.559		
18,800.00	7,001.00	17,004.00	7,125.88	290.59	269.94	98.79	-6,201.30	-14,263.40	3,132.53	2,848.43	284.10	11.026		
18,900.00	7,001.00	17,004.00	7,125.88	293.00	269.94	98.79	-6,201.30	-14,263.40	3,037.51	2,748.27	289.23	10.502		
19,000.00	7,001.00	17,004.00	7,125.88	295.41	269.94	98.79	-6,201.30	-14,263.40	2,942.81	2,648.13	294.68	9.986		
19,100.00	7,001.00	17,004.00	7,125.88	297.83	269.94	98.79	-6,201.30	-14,263.40	2,848.48	2,548.00	300.48	9.480		
19,200.00	7,001.00	17,004.00	7,125.88	300.25	269.94	98.79	-6,201.30	-14,263.40	2,754.55	2,447.90	306.65	8.983		
19,300.00	7,001.00	17,004.00	7,125.88	302.68	269.94	98.79	-6,201.30	-14,263.40	2,661.06	2,347.83	313.22	8.496		
19,400.00	7,001.00	17,004.00	7,125.88	305.12	269.94	98.79	-6,201.30	-14,263.40	2,568.05	2,247.81	320.24	8.019		
19,500.00	7,001.00	17,004.00	7,125.88	307.56	269.94	98.79	-6,201.30	-14,263.40	2,475.60	2,147.86	327.74	7.554		
19,600.00	7,001.00	17,004.00	7,125.88	310.01	269.94	98.79	-6,201.30	-14,263.40	2,383.75	2,047.98	335.77	7.099		
19,700.00	7,001.00	17,004.00	7,125.88	312.46	269.94	98.79	-6,201.30	-14,263.40	2,292.59	1,948.22	344.37	6.657		
19,800.00	7,001.00	17,004.00	7,125.88	314.92	269.94	98.79	-6,201.30	-14,263.40	2,202.19	1,848.60	353.59	6.228		
19,900.00	7,001.00	17,004.00	7,125.88	317.39	269.94	98.79	-6,201.30	-14,263.40	2,112.66	1,749.17	363.50	5.812		
20,000.00	7,001.00	17,004.00	7,125.88	319.85	269.94	98.79	-6,201.30	-14,263.40	2,024.11	1,649.97	374.14	5.410		
20,100.00	7,001.00	17,004.00	7,125.88	322.33	269.94	98.79	-6,201.30	-14,263.40	1,936.68	1,551.10	385.58	5.023		
20,200.00	7,001.00	17,004.00	7,125.88	324.81	269.94	98.79	-6,201.30	-14,263.40	1,850.52	1,452.64	397.88	4.651		
20,300.00	7,001.00	17,004.00	7,125.88	327.29	269.94	98.79	-6,201.30	-14,263.40	1,765.81	1,354.72	411.10	4.295		
20,400.00	7,001.00	17,004.00	7,125.88	329.78	269.94	98.79	-6,201.30	-14,263.40	1,682.79	1,257.51	425.29	3.957		
20,500.00	7,001.00	17,004.00	7,125.88	332.27	269.94	98.79	-6,201.30	-14,263.40	1,601.71	1,161.23	440.48	3.636		
20,600.00	7,001.00	17,004.00	7,125.88	334.77	269.94	98.79	-6,201.30	-14,263.40	1,522.88	1,066.18	456.70	3.335		
20,700.00	7,001.00	17,004.00	7,125.88	337.27	269.94	98.79	-6,201.30	-14,263.40	1,446.67	972.75	473.92	3.053		
20,800.00	7,001.00	17,004.00	7,125.88	339.77	269.94	98.79	-6,201.30	-14,263.40	1,373.51	881.47	492.05	2.791		
20,900.00	7,001.00	17,004.00	7,125.88	342.28	269.94	98.79	-6,201.30	-14,263.40	1,303.93	793.00	510.93	2.552		
21,000.00	7,001.00	17,004.00	7,125.88	344.79	269.94	98.79	-6,201.30	-14,263.40	1,238.51	708.25	530.26	2.336		
21,100.00	7,001.00	17,004.00	7,125.88	347.31	269.94	98.79	-6,201.30	-14,263.40	1,177.97	628.35	549.61	2.143		
21,200.00	7,001.00	17,004.00	7,125.88	349.83	269.94	98.79	-6,201.30	-14,263.40	1,123.07	554.74	568.34	1.976		
21,300.00	7,001.00	17,004.00	7,125.88	352.35	269.94	98.79	-6,201.30	-14,263.40	1,074.70	489.12	585.58	1.835		
21,369.95	7,001.00	17,004.00	7,125.88	354.12	269.94	98.79	-6,201.30	-14,263.40	1,045.23	449.02	596.21	1.753 CC, ES, SF		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1663-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,700.00	7,001.00	17,100.00	7,247.03	155.76	270.51	107.43	-6,296.93	-14,226.58	10,084.38	9,910.12	174.26	57.869		
11,800.00	7,001.00	17,100.00	7,247.03	156.85	270.51	107.43	-6,296.93	-14,226.58	9,984.77	9,810.13	174.65	57.172		
11,900.00	7,001.00	17,100.00	7,247.03	157.98	270.51	107.43	-6,296.93	-14,226.58	9,885.18	9,710.14	175.04	56.474		
12,000.00	7,001.00	17,100.00	7,247.03	159.14	270.51	107.43	-6,296.93	-14,226.58	9,785.60	9,610.15	175.44	55.777		
12,100.00	7,001.00	17,100.00	7,247.03	160.32	270.51	107.43	-6,296.93	-14,226.58	9,686.02	9,510.17	175.85	55.080		
12,200.00	7,001.00	17,100.00	7,247.03	161.54	270.51	107.43	-6,296.93	-14,226.58	9,586.45	9,410.18	176.27	54.384		
12,300.00	7,001.00	17,100.00	7,247.03	162.78	270.51	107.43	-6,296.93	-14,226.58	9,486.89	9,310.19	176.71	53.688		
12,400.00	7,001.00	17,100.00	7,247.03	164.06	270.51	107.43	-6,296.93	-14,226.58	9,387.34	9,210.20	177.15	52.992		
12,500.00	7,001.00	17,100.00	7,247.03	165.36	270.51	107.43	-6,296.93	-14,226.58	9,287.80	9,110.21	177.60	52.297		
12,600.00	7,001.00	17,100.00	7,247.03	166.69	270.51	107.43	-6,296.93	-14,226.58	9,188.27	9,010.21	178.06	51.602		
12,700.00	7,001.00	17,100.00	7,247.03	168.05	270.51	107.43	-6,296.93	-14,226.58	9,088.76	8,910.22	178.54	50.907		
12,800.00	7,001.00	17,100.00	7,247.03	169.44	270.51	107.43	-6,296.93	-14,226.58	8,989.25	8,810.23	179.02	50.213		
12,900.00	7,001.00	17,100.00	7,247.03	170.86	270.51	107.43	-6,296.93	-14,226.58	8,889.75	8,710.23	179.52	49.520		
13,000.00	7,001.00	17,100.00	7,247.03	172.30	270.51	107.43	-6,296.93	-14,226.58	8,790.26	8,610.23	180.03	48.827		
13,100.00	7,001.00	17,100.00	7,247.03	173.78	270.51	107.43	-6,296.93	-14,226.58	8,690.79	8,510.24	180.55	48.134		
13,200.00	7,001.00	17,100.00	7,247.03	175.28	270.51	107.43	-6,296.93	-14,226.58	8,591.33	8,410.24	181.09	47.442		
13,300.00	7,001.00	17,100.00	7,247.03	176.80	270.51	107.43	-6,296.93	-14,226.58	8,491.88	8,310.24	181.64	46.751		
13,400.00	7,001.00	17,100.00	7,247.03	178.36	270.51	107.43	-6,296.93	-14,226.58	8,392.44	8,210.23	182.21	46.060		
13,500.00	7,001.00	17,100.00	7,247.03	179.94	270.51	107.43	-6,296.93	-14,226.58	8,293.02	8,110.23	182.79	45.370		
13,600.00	7,001.00	17,100.00	7,247.03	181.55	270.51	107.43	-6,296.93	-14,226.58	8,193.61	8,010.23	183.38	44.681		
13,700.00	7,001.00	17,100.00	7,247.03	183.18	270.51	107.43	-6,296.93	-14,226.58	8,094.21	7,910.22	183.99	43.992		
13,800.00	7,001.00	17,100.00	7,247.03	184.84	270.51	107.43	-6,296.93	-14,226.58	7,994.84	7,810.21	184.62	43.304		
13,900.00	7,001.00	17,100.00	7,247.03	186.52	270.51	107.43	-6,296.93	-14,226.58	7,895.47	7,710.20	185.27	42.617		
14,000.00	7,001.00	17,100.00	7,247.03	188.23	270.51	107.43	-6,296.93	-14,226.58	7,796.12	7,610.19	185.93	41.930		
14,100.00	7,001.00	17,100.00	7,247.03	189.97	270.51	107.43	-6,296.93	-14,226.58	7,696.79	7,510.18	186.61	41.244		
14,200.00	7,001.00	17,100.00	7,247.03	191.72	270.51	107.43	-6,296.93	-14,226.58	7,597.48	7,410.17	187.32	40.560		
14,300.00	7,001.00	17,100.00	7,247.03	193.50	270.51	107.43	-6,296.93	-14,226.58	7,498.19	7,310.15	188.04	39.876		
14,400.00	7,001.00	17,100.00	7,247.03	195.30	270.51	107.43	-6,296.93	-14,226.58	7,398.91	7,210.13	188.78	39.193		
14,500.00	7,001.00	17,100.00	7,247.03	197.13	270.51	107.43	-6,296.93	-14,226.58	7,299.66	7,110.11	189.55	38.511		
14,600.00	7,001.00	17,100.00	7,247.03	198.98	270.51	107.43	-6,296.93	-14,226.58	7,200.42	7,010.09	190.34	37.830		
14,700.00	7,001.00	17,100.00	7,247.03	200.85	270.51	107.43	-6,296.93	-14,226.58	7,101.21	6,910.06	191.15	37.150		
14,800.00	7,001.00	17,100.00	7,247.03	202.73	270.51	107.43	-6,296.93	-14,226.58	7,002.02	6,810.03	191.99	36.472		
14,900.00	7,001.00	17,100.00	7,247.03	204.64	270.51	107.43	-6,296.93	-14,226.58	6,902.85	6,710.00	192.85	35.794		
15,000.00	7,001.00	17,100.00	7,247.03	206.57	270.51	107.43	-6,296.93	-14,226.58	6,803.70	6,609.97	193.74	35.118		
15,100.00	7,001.00	17,100.00	7,247.03	208.52	270.51	107.43	-6,296.93	-14,226.58	6,704.59	6,509.93	194.66	34.443		
15,200.00	7,001.00	17,100.00	7,247.03	210.49	270.51	107.43	-6,296.93	-14,226.58	6,605.49	6,409.89	195.61	33.769		
15,300.00	7,001.00	17,100.00	7,247.03	212.48	270.51	107.43	-6,296.93	-14,226.58	6,506.43	6,309.84	196.59	33.097		
15,400.00	7,001.00	17,100.00	7,247.03	214.48	270.51	107.43	-6,296.93	-14,226.58	6,407.40	6,209.80	197.60	32.426		
15,500.00	7,001.00	17,100.00	7,247.03	216.51	270.51	107.43	-6,296.93	-14,226.58	6,308.39	6,109.75	198.65	31.757		
15,600.00	7,001.00	17,100.00	7,247.03	218.55	270.51	107.43	-6,296.93	-14,226.58	6,209.42	6,009.69	199.73	31.089		
15,700.00	7,001.00	17,100.00	7,247.03	220.60	270.51	107.43	-6,296.93	-14,226.58	6,110.48	5,909.63	200.85	30.424		
15,800.00	7,001.00	17,100.00	7,247.03	222.68	270.51	107.43	-6,296.93	-14,226.58	6,011.58	5,809.57	202.01	29.759		
15,900.00	7,001.00	17,100.00	7,247.03	224.76	270.51	107.43	-6,296.93	-14,226.58	5,912.71	5,709.50	203.21	29.097		
16,000.00	7,001.00	17,100.00	7,247.03	226.87	270.51	107.43	-6,296.93	-14,226.58	5,813.88	5,609.43	204.45	28.437		
16,100.00	7,001.00	17,100.00	7,247.03	228.99	270.51	107.43	-6,296.93	-14,226.58	5,715.10	5,509.36	205.74	27.778		
16,200.00	7,001.00	17,100.00	7,247.03	231.12	270.51	107.43	-6,296.93	-14,226.58	5,616.35	5,409.27	207.08	27.122		
16,300.00	7,001.00	17,100.00	7,247.03	233.27	270.51	107.43	-6,296.93	-14,226.58	5,517.65	5,309.19	208.46	26.468		
16,400.00	7,001.00	17,100.00	7,247.03	235.43	270.51	107.43	-6,296.93	-14,226.58	5,419.00	5,209.09	209.91	25.816		
16,500.00	7,001.00	17,100.00	7,247.03	237.61	270.51	107.43	-6,296.93	-14,226.58	5,320.40	5,109.00	211.40	25.167		
16,600.00	7,001.00	17,100.00	7,247.03	239.79	270.51	107.43	-6,296.93	-14,226.58	5,221.85	5,008.89	212.96	24.520		
16,700.00	7,001.00	17,100.00	7,247.03	242.00	270.51	107.43	-6,296.93	-14,226.58	5,123.36	4,908.78	214.58	23.876		
16,800.00	7,001.00	17,100.00	7,247.03	244.21	270.51	107.43	-6,296.93	-14,226.58	5,024.93	4,808.66	216.27	23.235		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1663-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,900.00	7,001.00	17,100.00	7,247.03	246.43	270.51	107.43	-6,296.93	-14,226.58	4,926.56	4,708.54	218.02	22.596		
17,000.00	7,001.00	17,100.00	7,247.03	248.67	270.51	107.43	-6,296.93	-14,226.58	4,828.26	4,608.40	219.85	21.961		
17,100.00	7,001.00	17,100.00	7,247.03	250.92	270.51	107.43	-6,296.93	-14,226.58	4,730.03	4,508.26	221.77	21.329		
17,200.00	7,001.00	17,100.00	7,247.03	253.18	270.51	107.43	-6,296.93	-14,226.58	4,631.87	4,408.11	223.76	20.700		
17,300.00	7,001.00	17,100.00	7,247.03	255.45	270.51	107.43	-6,296.93	-14,226.58	4,533.80	4,307.95	225.84	20.075		
17,400.00	7,001.00	17,100.00	7,247.03	257.73	270.51	107.43	-6,296.93	-14,226.58	4,435.81	4,207.79	228.02	19.453		
17,500.00	7,001.00	17,100.00	7,247.03	260.02	270.51	107.43	-6,296.93	-14,226.58	4,337.91	4,107.61	230.30	18.836		
17,600.00	7,001.00	17,100.00	7,247.03	262.32	270.51	107.43	-6,296.93	-14,226.58	4,240.11	4,007.42	232.69	18.222		
17,700.00	7,001.00	17,100.00	7,247.03	264.63	270.51	107.43	-6,296.93	-14,226.58	4,142.42	3,907.22	235.20	17.613		
17,800.00	7,001.00	17,100.00	7,247.03	266.95	270.51	107.43	-6,296.93	-14,226.58	4,044.84	3,807.02	237.82	17.008		
17,900.00	7,001.00	17,100.00	7,247.03	269.28	270.51	107.43	-6,296.93	-14,226.58	3,947.38	3,706.80	240.58	16.408		
18,000.00	7,001.00	17,100.00	7,247.03	271.61	270.51	107.43	-6,296.93	-14,226.58	3,850.05	3,606.57	243.49	15.812		
18,100.00	7,001.00	17,100.00	7,247.03	273.96	270.51	107.43	-6,296.93	-14,226.58	3,752.86	3,506.32	246.54	15.222		
18,200.00	7,001.00	17,100.00	7,247.03	276.31	270.51	107.43	-6,296.93	-14,226.58	3,655.83	3,406.07	249.76	14.638		
18,300.00	7,001.00	17,100.00	7,247.03	278.67	270.51	107.43	-6,296.93	-14,226.58	3,558.95	3,305.80	253.15	14.059		
18,400.00	7,001.00	17,100.00	7,247.03	281.04	270.51	107.43	-6,296.93	-14,226.58	3,462.26	3,205.53	256.73	13.486		
18,500.00	7,001.00	17,100.00	7,247.03	283.42	270.51	107.43	-6,296.93	-14,226.58	3,365.76	3,105.24	260.52	12.919		
18,600.00	7,001.00	17,100.00	7,247.03	285.80	270.51	107.43	-6,296.93	-14,226.58	3,269.46	3,004.94	264.53	12.360		
18,700.00	7,001.00	17,100.00	7,247.03	288.19	270.51	107.43	-6,296.93	-14,226.58	3,173.40	2,904.63	268.78	11.807		
18,800.00	7,001.00	17,100.00	7,247.03	290.59	270.51	107.43	-6,296.93	-14,226.58	3,077.59	2,804.30	273.29	11.261		
18,900.00	7,001.00	17,100.00	7,247.03	293.00	270.51	107.43	-6,296.93	-14,226.58	2,982.05	2,703.98	278.08	10.724		
19,000.00	7,001.00	17,100.00	7,247.03	295.41	270.51	107.43	-6,296.93	-14,226.58	2,886.82	2,603.65	283.17	10.194		
19,100.00	7,001.00	17,100.00	7,247.03	297.83	270.51	107.43	-6,296.93	-14,226.58	2,791.92	2,503.31	288.61	9.674		
19,200.00	7,001.00	17,100.00	7,247.03	300.25	270.51	107.43	-6,296.93	-14,226.58	2,697.39	2,402.98	294.41	9.162		
19,300.00	7,001.00	17,100.00	7,247.03	302.68	270.51	107.43	-6,296.93	-14,226.58	2,603.26	2,302.66	300.60	8.660		
19,400.00	7,001.00	17,100.00	7,247.03	305.12	270.51	107.43	-6,296.93	-14,226.58	2,509.59	2,202.36	307.23	8.168		
19,500.00	7,001.00	17,100.00	7,247.03	307.56	270.51	107.43	-6,296.93	-14,226.58	2,416.43	2,102.09	314.34	7.687		
19,600.00	7,001.00	17,100.00	7,247.03	310.01	270.51	107.43	-6,296.93	-14,226.58	2,323.84	2,001.86	321.98	7.217		
19,700.00	7,001.00	17,100.00	7,247.03	312.46	270.51	107.43	-6,296.93	-14,226.58	2,231.89	1,901.70	330.18	6.760		
19,800.00	7,001.00	17,100.00	7,247.03	314.92	270.51	107.43	-6,296.93	-14,226.58	2,140.65	1,801.63	339.02	6.314		
19,900.00	7,001.00	17,100.00	7,247.03	317.39	270.51	107.43	-6,296.93	-14,226.58	2,050.24	1,701.69	348.54	5.882		
20,000.00	7,001.00	17,100.00	7,247.03	319.85	270.51	107.43	-6,296.93	-14,226.58	1,960.76	1,601.93	358.83	5.464		
20,100.00	7,001.00	17,100.00	7,247.03	322.33	270.51	107.43	-6,296.93	-14,226.58	1,872.34	1,502.41	369.93	5.061		
20,200.00	7,001.00	17,100.00	7,247.03	324.81	270.51	107.43	-6,296.93	-14,226.58	1,785.14	1,403.21	381.93	4.674		
20,300.00	7,001.00	17,100.00	7,247.03	327.29	270.51	107.43	-6,296.93	-14,226.58	1,699.36	1,304.46	394.90	4.303		
20,400.00	7,001.00	17,100.00	7,247.03	329.78	270.51	107.43	-6,296.93	-14,226.58	1,615.21	1,206.31	408.90	3.950		
20,500.00	7,001.00	17,100.00	7,247.03	332.27	270.51	107.43	-6,296.93	-14,226.58	1,532.96	1,108.97	423.99	3.616		
20,600.00	7,001.00	17,100.00	7,247.03	334.77	270.51	107.43	-6,296.93	-14,226.58	1,452.95	1,012.74	440.21	3.301		
20,700.00	7,001.00	17,100.00	7,247.03	337.27	270.51	107.43	-6,296.93	-14,226.58	1,375.55	918.01	457.54	3.006		
20,800.00	7,001.00	17,100.00	7,247.03	339.77	270.51	107.43	-6,296.93	-14,226.58	1,301.24	825.32	475.92	2.734		
20,900.00	7,001.00	17,100.00	7,247.03	342.28	270.51	107.43	-6,296.93	-14,226.58	1,230.58	735.39	495.19	2.485		
21,000.00	7,001.00	17,100.00	7,247.03	344.79	270.51	107.43	-6,296.93	-14,226.58	1,164.22	649.19	515.03	2.260		
21,100.00	7,001.00	17,100.00	7,247.03	347.31	270.51	107.43	-6,296.93	-14,226.58	1,102.94	567.99	534.96	2.062		
21,200.00	7,001.00	17,100.00	7,247.03	349.83	270.51	107.43	-6,296.93	-14,226.58	1,047.65	493.42	554.23	1.890		
21,300.00	7,001.00	17,100.00	7,247.03	352.35	270.51	107.43	-6,296.93	-14,226.58	999.32	427.48	571.84	1.748		
21,369.95	7,001.00	17,100.00	7,247.03	354.12	270.51	107.43	-6,296.93	-14,226.58	970.23	387.72	582.51	1.666 CC, ES, SF		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec 5-T6N-R67W - VARRA 8 - Wellbore #1 - Wellbore #1		Offset Site Error:		0.00 usft
Survey Program: 1663-MWD OWSG													Offset Well Error:		0.00 usft		
Reference		Offset		Semi Major Axis		Distance								Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
11,600.00	7,001.00	16,848.00	7,073.89	154.69	270.18	98.24	-6,495.34	-14,219.16	10,158.44	9,990.40	168.04	60.452					
11,700.00	7,001.00	16,848.00	7,073.89	155.76	270.18	98.24	-6,495.34	-14,219.16	10,058.66	9,890.35	168.31	59.762					
11,800.00	7,001.00	16,848.00	7,073.89	156.85	270.18	98.24	-6,495.34	-14,219.16	9,958.88	9,790.29	168.59	59.071					
11,900.00	7,001.00	16,848.00	7,073.89	157.98	270.18	98.24	-6,495.34	-14,219.16	9,859.10	9,690.23	168.87	58.381					
12,000.00	7,001.00	16,848.00	7,073.89	159.14	270.18	98.24	-6,495.34	-14,219.16	9,759.33	9,590.16	169.17	57.691					
12,100.00	7,001.00	16,848.00	7,073.89	160.32	270.18	98.24	-6,495.34	-14,219.16	9,659.56	9,490.10	169.46	57.001					
12,200.00	7,001.00	16,848.00	7,073.89	161.54	270.18	98.24	-6,495.34	-14,219.16	9,559.80	9,390.03	169.77	56.311					
12,300.00	7,001.00	16,848.00	7,073.89	162.78	270.18	98.24	-6,495.34	-14,219.16	9,460.04	9,289.96	170.08	55.621					
12,400.00	7,001.00	16,848.00	7,073.89	164.06	270.18	98.24	-6,495.34	-14,219.16	9,360.29	9,189.89	170.40	54.931					
12,500.00	7,001.00	16,848.00	7,073.89	165.36	270.18	98.24	-6,495.34	-14,219.16	9,260.55	9,089.82	170.73	54.242					
12,600.00	7,001.00	16,848.00	7,073.89	166.69	270.18	98.24	-6,495.34	-14,219.16	9,160.80	8,989.74	171.06	53.552					
12,700.00	7,001.00	16,848.00	7,073.89	168.05	270.18	98.24	-6,495.34	-14,219.16	9,061.07	8,889.66	171.41	52.863					
12,800.00	7,001.00	16,848.00	7,073.89	169.44	270.18	98.24	-6,495.34	-14,219.16	8,961.34	8,789.58	171.76	52.174					
12,900.00	7,001.00	16,848.00	7,073.89	170.86	270.18	98.24	-6,495.34	-14,219.16	8,861.62	8,689.49	172.12	51.485					
13,000.00	7,001.00	16,848.00	7,073.89	172.30	270.18	98.24	-6,495.34	-14,219.16	8,761.90	8,589.41	172.49	50.796					
13,100.00	7,001.00	16,848.00	7,073.89	173.78	270.18	98.24	-6,495.34	-14,219.16	8,662.19	8,489.31	172.87	50.107					
13,200.00	7,001.00	16,848.00	7,073.89	175.28	270.18	98.24	-6,495.34	-14,219.16	8,562.48	8,389.22	173.26	49.419					
13,300.00	7,001.00	16,848.00	7,073.89	176.80	270.18	98.24	-6,495.34	-14,219.16	8,462.79	8,289.12	173.67	48.730					
13,400.00	7,001.00	16,848.00	7,073.89	178.36	270.18	98.24	-6,495.34	-14,219.16	8,363.10	8,189.02	174.08	48.042					
13,500.00	7,001.00	16,848.00	7,073.89	179.94	270.18	98.24	-6,495.34	-14,219.16	8,263.42	8,088.91	174.50	47.354					
13,600.00	7,001.00	16,848.00	7,073.89	181.55	270.18	98.24	-6,495.34	-14,219.16	8,163.74	7,988.80	174.94	46.667					
13,700.00	7,001.00	16,848.00	7,073.89	183.18	270.18	98.24	-6,495.34	-14,219.16	8,064.08	7,888.69	175.38	45.979					
13,800.00	7,001.00	16,848.00	7,073.89	184.84	270.18	98.24	-6,495.34	-14,219.16	7,964.42	7,788.57	175.84	45.292					
13,900.00	7,001.00	16,848.00	7,073.89	186.52	270.18	98.24	-6,495.34	-14,219.16	7,864.77	7,688.45	176.32	44.606					
14,000.00	7,001.00	16,848.00	7,073.89	188.23	270.18	98.24	-6,495.34	-14,219.16	7,765.13	7,588.32	176.80	43.919					
14,100.00	7,001.00	16,848.00	7,073.89	189.97	270.18	98.24	-6,495.34	-14,219.16	7,665.50	7,488.19	177.30	43.233					
14,200.00	7,001.00	16,848.00	7,073.89	191.72	270.18	98.24	-6,495.34	-14,219.16	7,565.88	7,388.06	177.82	42.548					
14,300.00	7,001.00	16,848.00	7,073.89	193.50	270.18	98.24	-6,495.34	-14,219.16	7,466.27	7,287.91	178.35	41.863					
14,400.00	7,001.00	16,848.00	7,073.89	195.30	270.18	98.24	-6,495.34	-14,219.16	7,366.66	7,187.77	178.90	41.178					
14,500.00	7,001.00	16,848.00	7,073.89	197.13	270.18	98.24	-6,495.34	-14,219.16	7,267.08	7,087.61	179.46	40.494					
14,600.00	7,001.00	16,848.00	7,073.89	198.98	270.18	98.24	-6,495.34	-14,219.16	7,167.50	6,987.45	180.04	39.810					
14,700.00	7,001.00	16,848.00	7,073.89	200.85	270.18	98.24	-6,495.34	-14,219.16	7,067.93	6,887.29	180.64	39.126					
14,800.00	7,001.00	16,848.00	7,073.89	202.73	270.18	98.24	-6,495.34	-14,219.16	6,968.38	6,787.12	181.26	38.444					
14,900.00	7,001.00	16,848.00	7,073.89	204.64	270.18	98.24	-6,495.34	-14,219.16	6,868.84	6,686.94	181.90	37.761					
15,000.00	7,001.00	16,848.00	7,073.89	206.57	270.18	98.24	-6,495.34	-14,219.16	6,769.31	6,586.75	182.56	37.080					
15,100.00	7,001.00	16,848.00	7,073.89	208.52	270.18	98.24	-6,495.34	-14,219.16	6,669.80	6,486.56	183.24	36.399					
15,200.00	7,001.00	16,848.00	7,073.89	210.49	270.18	98.24	-6,495.34	-14,219.16	6,570.30	6,386.35	183.95	35.719					
15,300.00	7,001.00	16,848.00	7,073.89	212.48	270.18	98.24	-6,495.34	-14,219.16	6,470.82	6,286.14	184.67	35.039					
15,400.00	7,001.00	16,848.00	7,073.89	214.48	270.18	98.24	-6,495.34	-14,219.16	6,371.35	6,185.92	185.43	34.360					
15,500.00	7,001.00	16,848.00	7,073.89	216.51	270.18	98.24	-6,495.34	-14,219.16	6,271.90	6,085.69	186.21	33.683					
15,600.00	7,001.00	16,848.00	7,073.89	218.55	270.18	98.24	-6,495.34	-14,219.16	6,172.47	5,985.46	187.01	33.006					
15,700.00	7,001.00	16,848.00	7,073.89	220.60	270.18	98.24	-6,495.34	-14,219.16	6,073.06	5,885.21	187.85	32.329					
15,800.00	7,001.00	16,848.00	7,073.89	222.68	270.18	98.24	-6,495.34	-14,219.16	5,973.66	5,784.95	188.72	31.654					
15,900.00	7,001.00	16,848.00	7,073.89	224.76	270.18	98.24	-6,495.34	-14,219.16	5,874.29	5,684.67	189.61	30.980					
16,000.00	7,001.00	16,848.00	7,073.89	226.87	270.18	98.24	-6,495.34	-14,219.16	5,774.94	5,584.39	190.55	30.307					
16,100.00	7,001.00	16,848.00	7,073.89	228.99	270.18	98.24	-6,495.34	-14,219.16	5,675.61	5,484.09	191.52	29.635					
16,200.00	7,001.00	16,848.00	7,073.89	231.12	270.18	98.24	-6,495.34	-14,219.16	5,576.30	5,383.78	192.52	28.965					
16,300.00	7,001.00	16,848.00	7,073.89	233.27	270.18	98.24	-6,495.34	-14,219.16	5,477.03	5,283.46	193.57	28.295					
16,400.00	7,001.00	16,848.00	7,073.89	235.43	270.18	98.24	-6,495.34	-14,219.16	5,377.77	5,183.12	194.65	27.627					
16,500.00	7,001.00	16,848.00	7,073.89	237.61	270.18	98.24	-6,495.34	-14,219.16	5,278.55	5,082.76	195.79	26.961					
16,600.00	7,001.00	16,848.00	7,073.89	239.79	270.18	98.24	-6,495.34	-14,219.16	5,179.35	4,982.39	196.96	26.296					
16,700.00	7,001.00	16,848.00	7,073.89	242.00	270.18	98.24	-6,495.34	-14,219.16	5,080.19	4,882.00	198.19	25.633					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1663-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,800.00	7,001.00	16,848.00	7,073.89	244.21	270.18	98.24	-6,495.34	-14,219.16	4,981.06	4,781.59	199.47	24.971		
16,900.00	7,001.00	16,848.00	7,073.89	246.43	270.18	98.24	-6,495.34	-14,219.16	4,881.97	4,681.16	200.81	24.311		
17,000.00	7,001.00	16,848.00	7,073.89	248.67	270.18	98.24	-6,495.34	-14,219.16	4,782.91	4,580.70	202.21	23.654		
17,100.00	7,001.00	16,848.00	7,073.89	250.92	270.18	98.24	-6,495.34	-14,219.16	4,683.90	4,480.23	203.67	22.998		
17,200.00	7,001.00	16,848.00	7,073.89	253.18	270.18	98.24	-6,495.34	-14,219.16	4,584.92	4,379.73	205.19	22.344		
17,300.00	7,001.00	16,848.00	7,073.89	255.45	270.18	98.24	-6,495.34	-14,219.16	4,485.99	4,279.20	206.79	21.693		
17,400.00	7,001.00	16,848.00	7,073.89	257.73	270.18	98.24	-6,495.34	-14,219.16	4,387.12	4,178.65	208.47	21.045		
17,500.00	7,001.00	16,848.00	7,073.89	260.02	270.18	98.24	-6,495.34	-14,219.16	4,288.29	4,078.06	210.22	20.399		
17,600.00	7,001.00	16,848.00	7,073.89	262.32	270.18	98.24	-6,495.34	-14,219.16	4,189.52	3,977.45	212.07	19.755		
17,700.00	7,001.00	16,848.00	7,073.89	264.63	270.18	98.24	-6,495.34	-14,219.16	4,090.80	3,876.80	214.01	19.115		
17,800.00	7,001.00	16,848.00	7,073.89	266.95	270.18	98.24	-6,495.34	-14,219.16	3,992.16	3,776.11	216.05	18.478		
17,900.00	7,001.00	16,848.00	7,073.89	269.28	270.18	98.24	-6,495.34	-14,219.16	3,893.58	3,675.38	218.20	17.844		
18,000.00	7,001.00	16,848.00	7,073.89	271.61	270.18	98.24	-6,495.34	-14,219.16	3,795.07	3,574.61	220.46	17.214		
18,100.00	7,001.00	16,848.00	7,073.89	273.96	270.18	98.24	-6,495.34	-14,219.16	3,696.65	3,473.80	222.85	16.588		
18,200.00	7,001.00	16,848.00	7,073.89	276.31	270.18	98.24	-6,495.34	-14,219.16	3,598.31	3,372.93	225.38	15.965		
18,300.00	7,001.00	16,848.00	7,073.89	278.67	270.18	98.24	-6,495.34	-14,219.16	3,500.07	3,272.02	228.05	15.347		
18,400.00	7,001.00	16,848.00	7,073.89	281.04	270.18	98.24	-6,495.34	-14,219.16	3,401.93	3,171.04	230.89	14.734		
18,500.00	7,001.00	16,848.00	7,073.89	283.42	270.18	98.24	-6,495.34	-14,219.16	3,303.90	3,070.00	233.90	14.125		
18,600.00	7,001.00	16,848.00	7,073.89	285.80	270.18	98.24	-6,495.34	-14,219.16	3,205.99	2,968.90	237.09	13.522		
18,700.00	7,001.00	16,848.00	7,073.89	288.19	270.18	98.24	-6,495.34	-14,219.16	3,108.22	2,867.73	240.49	12.924		
18,800.00	7,001.00	16,848.00	7,073.89	290.59	270.18	98.24	-6,495.34	-14,219.16	3,010.59	2,766.47	244.12	12.332		
18,900.00	7,001.00	16,848.00	7,073.89	293.00	270.18	98.24	-6,495.34	-14,219.16	2,913.12	2,665.13	247.99	11.747		
19,000.00	7,001.00	16,848.00	7,073.89	295.41	270.18	98.24	-6,495.34	-14,219.16	2,815.84	2,563.70	252.14	11.168		
19,100.00	7,001.00	16,848.00	7,073.89	297.83	270.18	98.24	-6,495.34	-14,219.16	2,718.74	2,462.17	256.58	10.596		
19,200.00	7,001.00	16,848.00	7,073.89	300.25	270.18	98.24	-6,495.34	-14,219.16	2,621.87	2,360.52	261.35	10.032		
19,300.00	7,001.00	16,848.00	7,073.89	302.68	270.18	98.24	-6,495.34	-14,219.16	2,525.24	2,258.76	266.48	9.476		
19,400.00	7,001.00	16,848.00	7,073.89	305.12	270.18	98.24	-6,495.34	-14,219.16	2,428.88	2,156.87	272.01	8.929		
19,500.00	7,001.00	16,848.00	7,073.89	307.56	270.18	98.24	-6,495.34	-14,219.16	2,332.83	2,054.83	278.00	8.392		
19,600.00	7,001.00	16,848.00	7,073.89	310.01	270.18	98.24	-6,495.34	-14,219.16	2,237.13	1,952.65	284.48	7.864		
19,700.00	7,001.00	16,848.00	7,073.89	312.46	270.18	98.24	-6,495.34	-14,219.16	2,141.82	1,850.29	291.52	7.347		
19,800.00	7,001.00	16,848.00	7,073.89	314.92	270.18	98.24	-6,495.34	-14,219.16	2,046.95	1,747.76	299.19	6.842		
19,900.00	7,001.00	16,848.00	7,073.89	317.39	270.18	98.24	-6,495.34	-14,219.16	1,952.60	1,645.03	307.57	6.349		
20,000.00	7,001.00	16,848.00	7,073.89	319.85	270.18	98.24	-6,495.34	-14,219.16	1,858.84	1,542.10	316.74	5.869		
20,100.00	7,001.00	16,848.00	7,073.89	322.33	270.18	98.24	-6,495.34	-14,219.16	1,765.76	1,438.96	326.80	5.403		
20,200.00	7,001.00	16,848.00	7,073.89	324.81	270.18	98.24	-6,495.34	-14,219.16	1,673.48	1,335.60	337.88	4.953		
20,300.00	7,001.00	16,848.00	7,073.89	327.29	270.18	98.24	-6,495.34	-14,219.16	1,582.14	1,232.03	350.11	4.519		
20,400.00	7,001.00	16,848.00	7,073.89	329.78	270.18	98.24	-6,495.34	-14,219.16	1,491.92	1,128.28	363.64	4.103		
20,500.00	7,001.00	16,848.00	7,073.89	332.27	270.18	98.24	-6,495.34	-14,219.16	1,403.01	1,024.39	378.63	3.706		
20,600.00	7,001.00	16,848.00	7,073.89	334.77	270.18	98.24	-6,495.34	-14,219.16	1,315.71	920.44	395.26	3.329		
20,700.00	7,001.00	16,848.00	7,073.89	337.27	270.18	98.24	-6,495.34	-14,219.16	1,230.33	816.61	413.72	2.974		
20,800.00	7,001.00	16,848.00	7,073.89	339.77	270.18	98.24	-6,495.34	-14,219.16	1,147.32	713.17	434.16	2.643		
20,900.00	7,001.00	16,848.00	7,073.89	342.28	270.18	98.24	-6,495.34	-14,219.16	1,067.23	610.56	456.67	2.337		
21,000.00	7,001.00	16,848.00	7,073.89	344.79	270.18	98.24	-6,495.34	-14,219.16	990.77	509.52	481.25	2.059		
21,100.00	7,001.00	16,848.00	7,073.89	347.31	270.18	98.24	-6,495.34	-14,219.16	918.83	411.21	507.62	1.810		
21,200.00	7,001.00	16,848.00	7,073.89	349.83	270.18	98.24	-6,495.34	-14,219.16	852.58	317.45	535.13	1.593		
21,300.00	7,001.00	16,848.00	7,073.89	352.35	270.18	98.24	-6,495.34	-14,219.16	793.42	230.95	562.47	1.411	Level 3	
21,369.95	7,001.00	16,848.00	7,073.89	354.12	270.18	98.24	-6,495.34	-14,219.16	757.17	176.77	580.39	1.305	Level 3, CC, ES, SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1663-MWD OWSG, 6796-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,600.00	7,001.00	16,811.00	7,075.38	154.69	264.78	107.51	-6,845.26	-14,233.40	10,155.55	9,989.68	165.87	61.226		
11,700.00	7,001.00	16,811.00	7,075.38	155.76	264.78	107.51	-6,845.26	-14,233.40	10,055.60	9,889.64	165.97	60.589		
11,800.00	7,001.00	16,811.00	7,075.38	156.85	264.78	107.51	-6,845.26	-14,233.40	9,955.65	9,789.59	166.06	59.951		
11,900.00	7,001.00	16,811.00	7,075.38	157.98	264.78	107.51	-6,845.26	-14,233.40	9,855.70	9,689.54	166.16	59.314		
12,000.00	7,001.00	16,811.00	7,075.38	159.14	264.78	107.51	-6,845.26	-14,233.40	9,755.76	9,589.49	166.26	58.676		
12,100.00	7,001.00	16,811.00	7,075.38	160.32	264.78	107.51	-6,845.26	-14,233.40	9,655.81	9,489.44	166.37	58.039		
12,200.00	7,001.00	16,811.00	7,075.38	161.54	264.78	107.51	-6,845.26	-14,233.40	9,555.87	9,389.39	166.48	57.401		
12,300.00	7,001.00	16,811.00	7,075.38	162.78	264.78	107.51	-6,845.26	-14,233.40	9,455.92	9,289.34	166.59	56.763		
12,400.00	7,001.00	16,811.00	7,075.38	164.06	264.78	107.51	-6,845.26	-14,233.40	9,355.98	9,189.29	166.70	56.126		
12,500.00	7,001.00	16,811.00	7,075.38	165.36	264.78	107.51	-6,845.26	-14,233.40	9,256.04	9,089.23	166.81	55.488		
12,600.00	7,001.00	16,811.00	7,075.38	166.69	264.78	107.51	-6,845.26	-14,233.40	9,156.10	8,989.17	166.93	54.850		
12,700.00	7,001.00	16,811.00	7,075.38	168.05	264.78	107.51	-6,845.26	-14,233.40	9,056.16	8,889.11	167.05	54.212		
12,800.00	7,001.00	16,811.00	7,075.38	169.44	264.78	107.51	-6,845.26	-14,233.40	8,956.23	8,789.05	167.17	53.574		
12,900.00	7,001.00	16,811.00	7,075.38	170.86	264.78	107.51	-6,845.26	-14,233.40	8,856.29	8,688.99	167.30	52.937		
13,000.00	7,001.00	16,811.00	7,075.38	172.30	264.78	107.51	-6,845.26	-14,233.40	8,756.36	8,588.93	167.43	52.299		
13,100.00	7,001.00	16,811.00	7,075.38	173.78	264.78	107.51	-6,845.26	-14,233.40	8,656.43	8,488.86	167.56	51.661		
13,200.00	7,001.00	16,811.00	7,075.38	175.28	264.78	107.51	-6,845.26	-14,233.40	8,556.50	8,388.80	167.70	51.023		
13,300.00	7,001.00	16,811.00	7,075.38	176.80	264.78	107.51	-6,845.26	-14,233.40	8,456.57	8,288.73	167.84	50.385		
13,400.00	7,001.00	16,811.00	7,075.38	178.36	264.78	107.51	-6,845.26	-14,233.40	8,356.64	8,188.66	167.98	49.747		
13,500.00	7,001.00	16,811.00	7,075.38	179.94	264.78	107.51	-6,845.26	-14,233.40	8,256.71	8,088.58	168.13	49.109		
13,600.00	7,001.00	16,811.00	7,075.38	181.55	264.78	107.51	-6,845.26	-14,233.40	8,156.79	7,988.51	168.28	48.471		
13,700.00	7,001.00	16,811.00	7,075.38	183.18	264.78	107.51	-6,845.26	-14,233.40	8,056.87	7,888.43	168.44	47.832		
13,800.00	7,001.00	16,811.00	7,075.38	184.84	264.78	107.51	-6,845.26	-14,233.40	7,956.95	7,788.35	168.60	47.194		
13,900.00	7,001.00	16,811.00	7,075.38	186.52	264.78	107.51	-6,845.26	-14,233.40	7,857.03	7,688.27	168.76	46.556		
14,000.00	7,001.00	16,811.00	7,075.38	188.23	264.78	107.51	-6,845.26	-14,233.40	7,757.11	7,588.18	168.93	45.918		
14,100.00	7,001.00	16,811.00	7,075.38	189.97	264.78	107.51	-6,845.26	-14,233.40	7,657.20	7,488.09	169.11	45.280		
14,200.00	7,001.00	16,811.00	7,075.38	191.72	264.78	107.51	-6,845.26	-14,233.40	7,557.29	7,388.00	169.29	44.641		
14,300.00	7,001.00	16,811.00	7,075.38	193.50	264.78	107.51	-6,845.26	-14,233.40	7,457.38	7,287.91	169.47	44.003		
14,400.00	7,001.00	16,811.00	7,075.38	195.30	264.78	107.51	-6,845.26	-14,233.40	7,357.47	7,187.81	169.67	43.365		
14,500.00	7,001.00	16,811.00	7,075.38	197.13	264.78	107.51	-6,845.26	-14,233.40	7,257.57	7,087.71	169.86	42.726		
14,600.00	7,001.00	16,811.00	7,075.38	198.98	264.78	107.51	-6,845.26	-14,233.40	7,157.67	6,987.60	170.06	42.088		
14,700.00	7,001.00	16,811.00	7,075.38	200.85	264.78	107.51	-6,845.26	-14,233.40	7,057.77	6,887.50	170.27	41.449		
14,800.00	7,001.00	16,811.00	7,075.38	202.73	264.78	107.51	-6,845.26	-14,233.40	6,957.88	6,787.39	170.49	40.811		
14,900.00	7,001.00	16,811.00	7,075.38	204.64	264.78	107.51	-6,845.26	-14,233.40	6,857.98	6,687.27	170.71	40.173		
15,000.00	7,001.00	16,811.00	7,075.38	206.57	264.78	107.51	-6,845.26	-14,233.40	6,758.09	6,587.15	170.94	39.534		
15,100.00	7,001.00	16,811.00	7,075.38	208.52	264.78	107.51	-6,845.26	-14,233.40	6,658.21	6,487.03	171.18	38.896		
15,200.00	7,001.00	16,811.00	7,075.38	210.49	264.78	107.51	-6,845.26	-14,233.40	6,558.33	6,386.90	171.43	38.257		
15,300.00	7,001.00	16,811.00	7,075.38	212.48	264.78	107.51	-6,845.26	-14,233.40	6,458.45	6,286.76	171.68	37.618		
15,400.00	7,001.00	16,811.00	7,075.38	214.48	264.78	107.51	-6,845.26	-14,233.40	6,358.57	6,186.63	171.95	36.980		
15,500.00	7,001.00	16,811.00	7,075.38	216.51	264.78	107.51	-6,845.26	-14,233.40	6,258.70	6,086.48	172.22	36.341		
15,600.00	7,001.00	16,811.00	7,075.38	218.55	264.78	107.51	-6,845.26	-14,233.40	6,158.83	5,986.33	172.50	35.703		
15,700.00	7,001.00	16,811.00	7,075.38	220.60	264.78	107.51	-6,845.26	-14,233.40	6,058.97	5,886.17	172.80	35.064		
15,800.00	7,001.00	16,811.00	7,075.38	222.68	264.78	107.51	-6,845.26	-14,233.40	5,959.11	5,786.01	173.10	34.425		
15,900.00	7,001.00	16,811.00	7,075.38	224.76	264.78	107.51	-6,845.26	-14,233.40	5,859.26	5,685.84	173.42	33.786		
16,000.00	7,001.00	16,811.00	7,075.38	226.87	264.78	107.51	-6,845.26	-14,233.40	5,759.41	5,585.66	173.75	33.148		
16,100.00	7,001.00	16,811.00	7,075.38	228.99	264.78	107.51	-6,845.26	-14,233.40	5,659.57	5,485.48	174.09	32.509		
16,200.00	7,001.00	16,811.00	7,075.38	231.12	264.78	107.51	-6,845.26	-14,233.40	5,559.73	5,385.29	174.45	31.870		
16,300.00	7,001.00	16,811.00	7,075.38	233.27	264.78	107.51	-6,845.26	-14,233.40	5,459.90	5,285.08	174.82	31.231		
16,400.00	7,001.00	16,811.00	7,075.38	235.43	264.78	107.51	-6,845.26	-14,233.40	5,360.08	5,184.87	175.21	30.593		
16,500.00	7,001.00	16,811.00	7,075.38	237.61	264.78	107.51	-6,845.26	-14,233.40	5,260.26	5,084.65	175.61	29.954		
16,600.00	7,001.00	16,811.00	7,075.38	239.79	264.78	107.51	-6,845.26	-14,233.40	5,160.45	4,984.42	176.04	29.315		
16,700.00	7,001.00	16,811.00	7,075.38	242.00	264.78	107.51	-6,845.26	-14,233.40	5,060.65	4,884.17	176.48	28.676		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1663-MWD OWSG, 6796-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,800.00	7,001.00	16,811.00	7,075.38	244.21	264.78	107.51	-6,845.26	-14,233.40	4,960.85	4,783.91	176.94	28.037		
16,900.00	7,001.00	16,811.00	7,075.38	246.43	264.78	107.51	-6,845.26	-14,233.40	4,861.07	4,683.64	177.42	27.398		
17,000.00	7,001.00	16,811.00	7,075.38	248.67	264.78	107.51	-6,845.26	-14,233.40	4,761.29	4,583.36	177.93	26.760		
17,100.00	7,001.00	16,811.00	7,075.38	250.92	264.78	107.51	-6,845.26	-14,233.40	4,661.52	4,483.06	178.46	26.121		
17,200.00	7,001.00	16,811.00	7,075.38	253.18	264.78	107.51	-6,845.26	-14,233.40	4,561.76	4,382.74	179.02	25.482		
17,300.00	7,001.00	16,811.00	7,075.38	255.45	264.78	107.51	-6,845.26	-14,233.40	4,462.01	4,282.41	179.60	24.844		
17,400.00	7,001.00	16,811.00	7,075.38	257.73	264.78	107.51	-6,845.26	-14,233.40	4,362.28	4,182.06	180.22	24.205		
17,500.00	7,001.00	16,811.00	7,075.38	260.02	264.78	107.51	-6,845.26	-14,233.40	4,262.55	4,081.68	180.87	23.567		
17,600.00	7,001.00	16,811.00	7,075.38	262.32	264.78	107.51	-6,845.26	-14,233.40	4,162.84	3,981.28	181.56	22.928		
17,700.00	7,001.00	16,811.00	7,075.38	264.63	264.78	107.51	-6,845.26	-14,233.40	4,063.15	3,880.86	182.29	22.290		
17,800.00	7,001.00	16,811.00	7,075.38	266.95	264.78	107.51	-6,845.26	-14,233.40	3,963.47	3,780.41	183.05	21.652		
17,900.00	7,001.00	16,811.00	7,075.38	269.28	264.78	107.51	-6,845.26	-14,233.40	3,863.80	3,679.93	183.87	21.014		
18,000.00	7,001.00	16,811.00	7,075.38	271.61	264.78	107.51	-6,845.26	-14,233.40	3,764.16	3,579.42	184.73	20.376		
18,100.00	7,001.00	16,811.00	7,075.38	273.96	264.78	107.51	-6,845.26	-14,233.40	3,664.53	3,478.88	185.65	19.739		
18,200.00	7,001.00	16,811.00	7,075.38	276.31	264.78	107.51	-6,845.26	-14,233.40	3,564.92	3,378.30	186.63	19.102		
18,300.00	7,001.00	16,811.00	7,075.38	278.67	264.78	107.51	-6,845.26	-14,233.40	3,465.34	3,277.67	187.67	18.465		
18,400.00	7,001.00	16,811.00	7,075.38	281.04	264.78	107.51	-6,845.26	-14,233.40	3,365.78	3,177.00	188.78	17.829		
18,500.00	7,001.00	16,811.00	7,075.38	283.42	264.78	107.51	-6,845.26	-14,233.40	3,266.25	3,076.28	189.97	17.194		
18,600.00	7,001.00	16,811.00	7,075.38	285.80	264.78	107.51	-6,845.26	-14,233.40	3,166.75	2,975.50	191.25	16.559		
18,700.00	7,001.00	16,811.00	7,075.38	288.19	264.78	107.51	-6,845.26	-14,233.40	3,067.28	2,874.66	192.62	15.924		
18,800.00	7,001.00	16,811.00	7,075.38	290.59	264.78	107.51	-6,845.26	-14,233.40	2,967.84	2,773.75	194.09	15.291		
18,900.00	7,001.00	16,811.00	7,075.38	293.00	264.78	107.51	-6,845.26	-14,233.40	2,868.45	2,672.76	195.69	14.658		
19,000.00	7,001.00	16,811.00	7,075.38	295.41	264.78	107.51	-6,845.26	-14,233.40	2,769.09	2,571.69	197.41	14.027		
19,100.00	7,001.00	16,811.00	7,075.38	297.83	264.78	107.51	-6,845.26	-14,233.40	2,669.79	2,470.51	199.28	13.397		
19,200.00	7,001.00	16,811.00	7,075.38	300.25	264.78	107.51	-6,845.26	-14,233.40	2,570.54	2,369.23	201.31	12.769		
19,300.00	7,001.00	16,811.00	7,075.38	302.68	264.78	107.51	-6,845.26	-14,233.40	2,471.35	2,267.83	203.52	12.143		
19,400.00	7,001.00	16,811.00	7,075.38	305.12	264.78	107.51	-6,845.26	-14,233.40	2,372.23	2,166.29	205.94	11.519		
19,500.00	7,001.00	16,811.00	7,075.38	307.56	264.78	107.51	-6,845.26	-14,233.40	2,273.19	2,064.59	208.60	10.897		
19,600.00	7,001.00	16,811.00	7,075.38	310.01	264.78	107.51	-6,845.26	-14,233.40	2,174.23	1,962.71	211.53	10.279		
19,700.00	7,001.00	16,811.00	7,075.38	312.46	264.78	107.51	-6,845.26	-14,233.40	2,075.38	1,860.62	214.76	9.664		
19,800.00	7,001.00	16,811.00	7,075.38	314.92	264.78	107.51	-6,845.26	-14,233.40	1,976.64	1,758.29	218.35	9.053		
19,900.00	7,001.00	16,811.00	7,075.38	317.39	264.78	107.51	-6,845.26	-14,233.40	1,878.03	1,655.68	222.35	8.446		
20,000.00	7,001.00	16,811.00	7,075.38	319.85	264.78	107.51	-6,845.26	-14,233.40	1,779.58	1,552.75	226.82	7.846		
20,100.00	7,001.00	16,811.00	7,075.38	322.33	264.78	107.51	-6,845.26	-14,233.40	1,681.31	1,449.45	231.86	7.251		
20,200.00	7,001.00	16,811.00	7,075.38	324.81	264.78	107.51	-6,845.26	-14,233.40	1,583.25	1,345.69	237.56	6.665		
20,300.00	7,001.00	16,811.00	7,075.38	327.29	264.78	107.51	-6,845.26	-14,233.40	1,485.46	1,241.41	244.05	6.087		
20,400.00	7,001.00	16,811.00	7,075.38	329.78	264.78	107.51	-6,845.26	-14,233.40	1,387.98	1,136.49	251.50	5.519		
20,500.00	7,001.00	16,811.00	7,075.38	332.27	264.78	107.51	-6,845.26	-14,233.40	1,290.89	1,030.80	260.09	4.963		
20,600.00	7,001.00	16,811.00	7,075.38	334.77	264.78	107.51	-6,845.26	-14,233.40	1,194.28	924.18	270.10	4.422		
20,700.00	7,001.00	16,811.00	7,075.38	337.27	264.78	107.51	-6,845.26	-14,233.40	1,098.27	816.41	281.86	3.896		
20,800.00	7,001.00	16,811.00	7,075.38	339.77	264.78	107.51	-6,845.26	-14,233.40	1,003.05	707.22	295.83	3.391		
20,900.00	7,001.00	16,811.00	7,075.38	342.28	264.78	107.51	-6,845.26	-14,233.40	908.85	596.27	312.57	2.908		
21,000.00	7,001.00	16,811.00	7,075.38	344.79	264.78	107.51	-6,845.26	-14,233.40	816.03	483.14	332.89	2.451		
21,100.00	7,001.00	16,811.00	7,075.38	347.31	264.78	107.51	-6,845.26	-14,233.40	725.12	367.31	357.81	2.027		
21,200.00	7,001.00	16,811.00	7,075.38	349.83	264.78	107.51	-6,845.26	-14,233.40	636.95	248.33	388.62	1.639		
21,300.00	7,001.00	16,811.00	7,075.38	352.35	264.78	107.51	-6,845.26	-14,233.40	552.82	126.06	426.75	1.295 Level 3		
21,369.95	7,001.00	16,811.00	7,075.38	354.12	264.78	107.51	-6,845.26	-14,233.40	497.47	39.14	458.32	1.085 Level 2, CC, ES, SF		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1663-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	7,001.00	15,770.00	6,953.66	166.69	242.60	85.63	-6,817.26	-15,224.41	10,147.01	9,983.89	163.12	62.207		
12,700.00	7,001.00	15,770.00	6,953.66	168.05	242.60	85.63	-6,817.26	-15,224.41	10,047.06	9,883.83	163.24	61.549		
12,800.00	7,001.00	15,770.00	6,953.66	169.44	242.60	85.63	-6,817.26	-15,224.41	9,947.12	9,783.76	163.36	60.890		
12,900.00	7,001.00	15,770.00	6,953.66	170.86	242.60	85.63	-6,817.26	-15,224.41	9,847.17	9,683.69	163.49	60.232		
13,000.00	7,001.00	15,770.00	6,953.66	172.30	242.60	85.63	-6,817.26	-15,224.41	9,747.23	9,583.61	163.62	59.573		
13,100.00	7,001.00	15,770.00	6,953.66	173.78	242.60	85.63	-6,817.26	-15,224.41	9,647.29	9,483.54	163.75	58.914		
13,200.00	7,001.00	15,770.00	6,953.66	175.28	242.60	85.63	-6,817.26	-15,224.41	9,547.35	9,383.46	163.89	58.256		
13,300.00	7,001.00	15,770.00	6,953.66	176.80	242.60	85.63	-6,817.26	-15,224.41	9,447.41	9,283.39	164.03	57.597		
13,400.00	7,001.00	15,770.00	6,953.66	178.36	242.60	85.63	-6,817.26	-15,224.41	9,347.48	9,183.31	164.17	56.938		
13,500.00	7,001.00	15,770.00	6,953.66	179.94	242.60	85.63	-6,817.26	-15,224.41	9,247.54	9,083.23	164.31	56.280		
13,600.00	7,001.00	15,770.00	6,953.66	181.55	242.60	85.63	-6,817.26	-15,224.41	9,147.61	8,983.14	164.46	55.621		
13,700.00	7,001.00	15,770.00	6,953.66	183.18	242.60	85.63	-6,817.26	-15,224.41	9,047.67	8,883.06	164.62	54.962		
13,800.00	7,001.00	15,770.00	6,953.66	184.84	242.60	85.63	-6,817.26	-15,224.41	8,947.74	8,782.97	164.77	54.304		
13,900.00	7,001.00	15,770.00	6,953.66	186.52	242.60	85.63	-6,817.26	-15,224.41	8,847.81	8,682.88	164.93	53.645		
14,000.00	7,001.00	15,770.00	6,953.66	188.23	242.60	85.63	-6,817.26	-15,224.41	8,747.88	8,582.79	165.10	52.987		
14,100.00	7,001.00	15,770.00	6,953.66	189.97	242.60	85.63	-6,817.26	-15,224.41	8,647.96	8,482.69	165.26	52.328		
14,200.00	7,001.00	15,770.00	6,953.66	191.72	242.60	85.63	-6,817.26	-15,224.41	8,548.03	8,382.59	165.44	51.669		
14,300.00	7,001.00	15,770.00	6,953.66	193.50	242.60	85.63	-6,817.26	-15,224.41	8,448.11	8,282.49	165.61	51.011		
14,400.00	7,001.00	15,770.00	6,953.66	195.30	242.60	85.63	-6,817.26	-15,224.41	8,348.19	8,182.39	165.80	50.352		
14,500.00	7,001.00	15,770.00	6,953.66	197.13	242.60	85.63	-6,817.26	-15,224.41	8,248.27	8,082.28	165.98	49.694		
14,600.00	7,001.00	15,770.00	6,953.66	198.98	242.60	85.63	-6,817.26	-15,224.41	8,148.35	7,982.18	166.17	49.035		
14,700.00	7,001.00	15,770.00	6,953.66	200.85	242.60	85.63	-6,817.26	-15,224.41	8,048.43	7,882.06	166.37	48.377		
14,800.00	7,001.00	15,770.00	6,953.66	202.73	242.60	85.63	-6,817.26	-15,224.41	7,948.52	7,781.95	166.57	47.718		
14,900.00	7,001.00	15,770.00	6,953.66	204.64	242.60	85.63	-6,817.26	-15,224.41	7,848.61	7,681.83	166.78	47.060		
15,000.00	7,001.00	15,770.00	6,953.66	206.57	242.60	85.63	-6,817.26	-15,224.41	7,748.70	7,581.71	166.99	46.401		
15,100.00	7,001.00	15,770.00	6,953.66	208.52	242.60	85.63	-6,817.26	-15,224.41	7,648.79	7,481.58	167.21	45.743		
15,200.00	7,001.00	15,770.00	6,953.66	210.49	242.60	85.63	-6,817.26	-15,224.41	7,548.89	7,381.45	167.44	45.084		
15,300.00	7,001.00	15,770.00	6,953.66	212.48	242.60	85.63	-6,817.26	-15,224.41	7,448.99	7,281.32	167.67	44.426		
15,400.00	7,001.00	15,770.00	6,953.66	214.48	242.60	85.63	-6,817.26	-15,224.41	7,349.09	7,181.18	167.91	43.768		
15,500.00	7,001.00	15,770.00	6,953.66	216.51	242.60	85.63	-6,817.26	-15,224.41	7,249.19	7,081.04	168.16	43.110		
15,600.00	7,001.00	15,770.00	6,953.66	218.55	242.60	85.63	-6,817.26	-15,224.41	7,149.30	6,980.89	168.41	42.451		
15,700.00	7,001.00	15,770.00	6,953.66	220.60	242.60	85.63	-6,817.26	-15,224.41	7,049.41	6,880.74	168.67	41.793		
15,800.00	7,001.00	15,770.00	6,953.66	222.68	242.60	85.63	-6,817.26	-15,224.41	6,949.52	6,780.58	168.94	41.135		
15,900.00	7,001.00	15,770.00	6,953.66	224.76	242.60	85.63	-6,817.26	-15,224.41	6,849.64	6,680.42	169.22	40.477		
16,000.00	7,001.00	15,770.00	6,953.66	226.87	242.60	85.63	-6,817.26	-15,224.41	6,749.76	6,580.25	169.51	39.819		
16,100.00	7,001.00	15,770.00	6,953.66	228.99	242.60	85.63	-6,817.26	-15,224.41	6,649.88	6,480.08	169.81	39.161		
16,200.00	7,001.00	15,770.00	6,953.66	231.12	242.60	85.63	-6,817.26	-15,224.41	6,550.01	6,379.90	170.12	38.503		
16,300.00	7,001.00	15,770.00	6,953.66	233.27	242.60	85.63	-6,817.26	-15,224.41	6,450.14	6,279.71	170.43	37.846		
16,400.00	7,001.00	15,770.00	6,953.66	235.43	242.60	85.63	-6,817.26	-15,224.41	6,350.28	6,179.52	170.76	37.188		
16,500.00	7,001.00	15,770.00	6,953.66	237.61	242.60	85.63	-6,817.26	-15,224.41	6,250.42	6,079.32	171.10	36.530		
16,600.00	7,001.00	15,770.00	6,953.66	239.79	242.60	85.63	-6,817.26	-15,224.41	6,150.56	5,979.11	171.45	35.873		
16,700.00	7,001.00	15,770.00	6,953.66	242.00	242.60	85.63	-6,817.26	-15,224.41	6,050.71	5,878.89	171.82	35.215		
16,800.00	7,001.00	15,770.00	6,953.66	244.21	242.60	85.63	-6,817.26	-15,224.41	5,950.86	5,778.67	172.20	34.558		
16,900.00	7,001.00	15,770.00	6,953.66	246.43	242.60	85.63	-6,817.26	-15,224.41	5,851.02	5,678.43	172.59	33.901		
17,000.00	7,001.00	15,770.00	6,953.66	248.67	242.60	85.63	-6,817.26	-15,224.41	5,751.19	5,578.19	173.00	33.244		
17,100.00	7,001.00	15,770.00	6,953.66	250.92	242.60	85.63	-6,817.26	-15,224.41	5,651.36	5,477.94	173.42	32.587		
17,200.00	7,001.00	15,770.00	6,953.66	253.18	242.60	85.63	-6,817.26	-15,224.41	5,551.54	5,377.67	173.87	31.930		
17,300.00	7,001.00	15,770.00	6,953.66	255.45	242.60	85.63	-6,817.26	-15,224.41	5,451.72	5,277.40	174.32	31.273		
17,400.00	7,001.00	15,770.00	6,953.66	257.73	242.60	85.63	-6,817.26	-15,224.41	5,351.91	5,177.11	174.80	30.617		
17,500.00	7,001.00	15,770.00	6,953.66	260.02	242.60	85.63	-6,817.26	-15,224.41	5,252.11	5,076.81	175.30	29.961		
17,600.00	7,001.00	15,770.00	6,953.66	262.32	242.60	85.63	-6,817.26	-15,224.41	5,152.31	4,976.49	175.82	29.305		
17,700.00	7,001.00	15,770.00	6,953.66	264.63	242.60	85.63	-6,817.26	-15,224.41	5,052.52	4,876.16	176.36	28.649		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Sec 5-T6N-R67W - VARRA 9 - Wellbore #1 - Wellbore #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 1663-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,800.00	7,001.00	15,770.00	6,953.66	266.95	242.60	85.63	-6,817.26	-15,224.41	4,952.75	4,775.82	176.93	27.993	
17,900.00	7,001.00	15,770.00	6,953.66	269.28	242.60	85.63	-6,817.26	-15,224.41	4,852.98	4,675.46	177.52	27.338	
18,000.00	7,001.00	15,770.00	6,953.66	271.61	242.60	85.63	-6,817.26	-15,224.41	4,753.22	4,575.08	178.14	26.682	
18,100.00	7,001.00	15,770.00	6,953.66	273.96	242.60	85.63	-6,817.26	-15,224.41	4,653.47	4,474.68	178.79	26.028	
18,200.00	7,001.00	15,770.00	6,953.66	276.31	242.60	85.63	-6,817.26	-15,224.41	4,553.73	4,374.26	179.47	25.373	
18,300.00	7,001.00	15,770.00	6,953.66	278.67	242.60	85.63	-6,817.26	-15,224.41	4,454.00	4,273.82	180.19	24.719	
18,400.00	7,001.00	15,770.00	6,953.66	281.04	242.60	85.63	-6,817.26	-15,224.41	4,354.29	4,173.35	180.94	24.065	
18,500.00	7,001.00	15,770.00	6,953.66	283.42	242.60	85.63	-6,817.26	-15,224.41	4,254.59	4,072.86	181.73	23.412	
18,600.00	7,001.00	15,770.00	6,953.66	285.80	242.60	85.63	-6,817.26	-15,224.41	4,154.90	3,972.34	182.56	22.759	
18,700.00	7,001.00	15,770.00	6,953.66	288.19	242.60	85.63	-6,817.26	-15,224.41	4,055.23	3,871.79	183.44	22.107	
18,800.00	7,001.00	15,770.00	6,953.66	290.59	242.60	85.63	-6,817.26	-15,224.41	3,955.58	3,771.21	184.37	21.455	
18,900.00	7,001.00	15,770.00	6,953.66	293.00	242.60	85.63	-6,817.26	-15,224.41	3,855.94	3,670.59	185.35	20.804	
19,000.00	7,001.00	15,770.00	6,953.66	295.41	242.60	85.63	-6,817.26	-15,224.41	3,756.33	3,569.94	186.39	20.153	
19,100.00	7,001.00	15,770.00	6,953.66	297.83	242.60	85.63	-6,817.26	-15,224.41	3,656.73	3,469.24	187.49	19.504	
19,200.00	7,001.00	15,770.00	6,953.66	300.25	242.60	85.63	-6,817.26	-15,224.41	3,557.16	3,368.50	188.66	18.855	
19,300.00	7,001.00	15,770.00	6,953.66	302.68	242.60	85.63	-6,817.26	-15,224.41	3,457.61	3,267.70	189.91	18.207	
19,400.00	7,001.00	15,770.00	6,953.66	305.12	242.60	85.63	-6,817.26	-15,224.41	3,358.09	3,166.86	191.23	17.560	
19,500.00	7,001.00	15,770.00	6,953.66	307.56	242.60	85.63	-6,817.26	-15,224.41	3,258.60	3,065.95	192.65	16.915	
19,600.00	7,001.00	15,770.00	6,953.66	310.01	242.60	85.63	-6,817.26	-15,224.41	3,159.13	2,964.97	194.16	16.271	
19,700.00	7,001.00	15,770.00	6,953.66	312.46	242.60	85.63	-6,817.26	-15,224.41	3,059.71	2,863.92	195.79	15.628	
19,800.00	7,001.00	15,770.00	6,953.66	314.92	242.60	85.63	-6,817.26	-15,224.41	2,960.32	2,762.80	197.53	14.987	
19,900.00	7,001.00	15,770.00	6,953.66	317.39	242.60	85.63	-6,817.26	-15,224.41	2,860.98	2,661.58	199.40	14.348	
20,000.00	7,001.00	15,770.00	6,953.66	319.85	242.60	85.63	-6,817.26	-15,224.41	2,761.68	2,560.26	201.43	13.711	
20,100.00	7,001.00	15,770.00	6,953.66	322.33	242.60	85.63	-6,817.26	-15,224.41	2,662.44	2,458.83	203.61	13.076	
20,200.00	7,001.00	15,770.00	6,953.66	324.81	242.60	85.63	-6,817.26	-15,224.41	2,563.26	2,357.27	205.98	12.444	
20,300.00	7,001.00	15,770.00	6,953.66	327.29	242.60	85.63	-6,817.26	-15,224.41	2,464.14	2,255.58	208.56	11.815	
20,400.00	7,001.00	15,770.00	6,953.66	329.78	242.60	85.63	-6,817.26	-15,224.41	2,365.09	2,153.72	211.37	11.189	
20,500.00	7,001.00	15,770.00	6,953.66	332.27	242.60	85.63	-6,817.26	-15,224.41	2,266.13	2,051.69	214.44	10.568	
20,600.00	7,001.00	15,770.00	6,953.66	334.77	242.60	85.63	-6,817.26	-15,224.41	2,167.27	1,949.45	217.81	9.950	
20,700.00	7,001.00	15,770.00	6,953.66	337.27	242.60	85.63	-6,817.26	-15,224.41	2,068.51	1,846.98	221.53	9.337	
20,800.00	7,001.00	15,770.00	6,953.66	339.77	242.60	85.63	-6,817.26	-15,224.41	1,969.88	1,744.24	225.64	8.730	
20,900.00	7,001.00	15,770.00	6,953.66	342.28	242.60	85.63	-6,817.26	-15,224.41	1,871.39	1,641.19	230.20	8.129	
21,000.00	7,001.00	15,770.00	6,953.66	344.79	242.60	85.63	-6,817.26	-15,224.41	1,773.08	1,537.78	235.30	7.535	
21,100.00	7,001.00	15,770.00	6,953.66	347.31	242.60	85.63	-6,817.26	-15,224.41	1,674.96	1,433.95	241.01	6.950	
21,200.00	7,001.00	15,770.00	6,953.66	349.83	242.60	85.63	-6,817.26	-15,224.41	1,577.08	1,329.62	247.46	6.373	
21,300.00	7,001.00	15,770.00	6,953.66	352.35	242.60	85.63	-6,817.26	-15,224.41	1,479.49	1,224.71	254.77	5.807	
21,369.95	7,001.00	15,770.00	6,953.66	354.12	242.60	85.63	-6,817.26	-15,224.41	1,411.41	1,150.91	260.50	5.418 CC, ES, SF	

# Civitas Resources

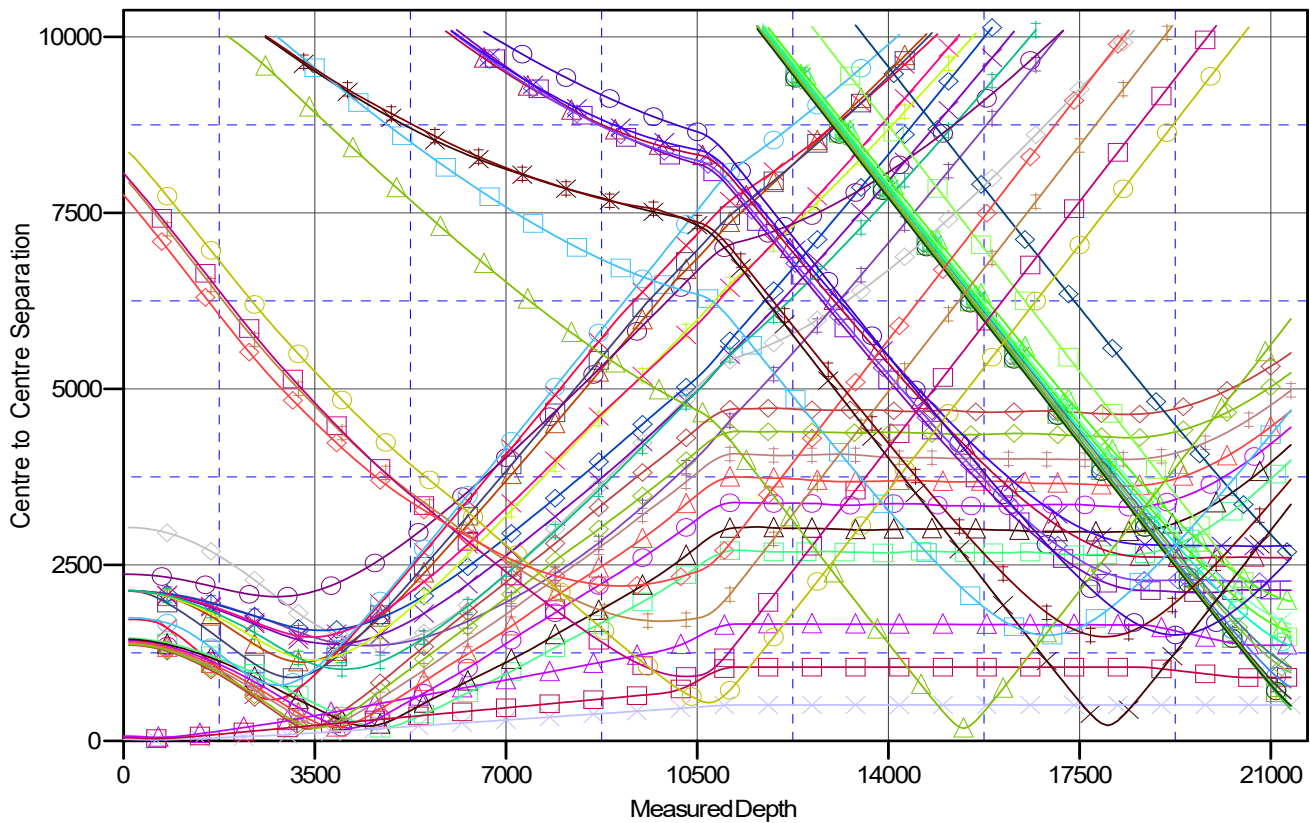
## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KBE 25' @ 4921.00usft  
Offset Depths are relative to Offset Datum  
Central Meridian is 105.500000°W

Coordinates are relative to: MAVERICK 2W-20-04  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.43°

### Ladder Plot



### LEGEND

ABND VERT LIND 36-33, Wellbore #1, Design #1 V0	ICE MAN 2W45-4N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 4, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 16-36, Wellbore #1, Wellbore #1 V0	EXIST HZ BALDRIDGE 2-1, Wellbore #1, Wellbore #1 V0	VARRA 11, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 33-36, Wellbore #1, Wellbore #1 V0	ABND VERT LIND 36-32, Wellbore #1, Design #1 V0	VARRA 9, STK1 STK1 V0
EXIST HZ BALDRIDGE 7-1, Wellbore #1, Wellbore #1 V0	ICE MAN 2W45-2N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 9, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 20-36, Wellbore #1, Wellbore #1 V0	MAVERICK 2W20-02, OWB, PROPOSAL 1 V0	VARRA 12, Wellbore #1, Wellbore #1 V0
EXIST HZ BALDRIDGE 17-1, Wellbore #1, Wellbore #1 V0	EXIST HZ SCHNBDR 34-36, Wellbore #1, Wellbore #1 V0	VARRA 7, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-7N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	MICKEY 13, ORIGINAL WELBORE, WB #1 - Patterson 346 V0	VARRA 5, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-6C, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 8, Wellbore #1, Wellbore #1 V0	SIMONSEN 1L421, Wellbore #1, Wellbore #1 V0
EXIST HZ BALDRIDGE 8-1, Wellbore #1, Wellbore #1 V0	VARRA 3, Wellbore #1, Wellbore #1 V0	SIMONSEN 1L241, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 37-36, Wellbore #1, Wellbore #1 V0	VARRA 3, STK1 STK1 V0	SIMONSEN 1421, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-1C, ORIGINAL WELBORE, WB #1 - PATT 93 V0	MICKEY 11, ORIGINAL WELBORE, WB #1 - Patterson 36 V0	SIMONSEN 1Q241, Wellbore #1, Wellbore #1 V0
EXIST HZ BALDRIDGE 1-1, Wellbore #1, Wellbore #1 V0	VARRA 10, Wellbore #1, Wellbore #1 V0	EXIST HZ BOWER 15-3, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-6N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	MICKEY 12, ORIGINAL WELBORE, WB #1 - Patterson 346 V0	ABND VERT BOWER 1-3, Wellbore #1, Design #1 V0
MAVERICK 2W20-03, OWB, PROPOSAL 1 V0	VARRA 6, Wellbore #1, Wellbore #1 V0	ABND VERT MOSER 1-2, Wellbore #1, Design #1 V0
ICE MAN 2W45-3N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	MICKEY 10, ORIGINAL WELBORE, WB #1 - Patterson 36 V0	EXIST HZ BOWER 10-3, Wellbore #1, Wellbore #1 V0
MAVERICK 2W20-01, OWB, PROPOSAL 1 V0	VARRA 2, Wellbore #1, Wellbore #1 V0	ABND VERT OCHSNER 1-3, Wellbore #1, Design #1 V0

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Civitas Resources

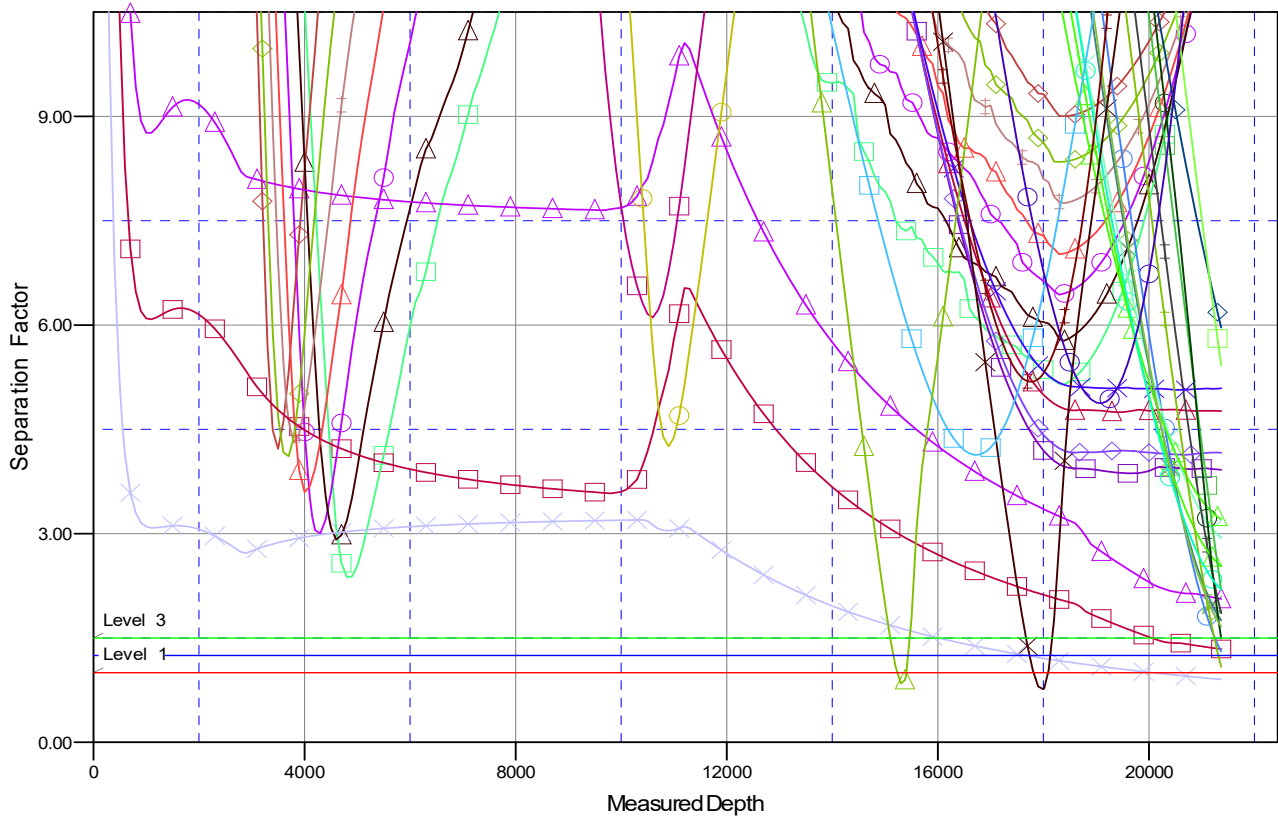
## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-04
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4921.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4921.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-04	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KBE 25' @ 4921.00usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 105.500000°W

Coordinates are relative to: MAVERICK 2W-20-04  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.43°

### Separation Factor Plot



### LEGEND

ABND VERT LIND 36-33, Wellbore #1, Design #1 V0	ICE MAN 2W45-4N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 4, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 16-36, Wellbore #1, Wellbore #1 V0	EXIST HZ BALDRIDGE 2-1, Wellbore #1, Wellbore #1 V0	VARRA 11, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 33-36, Wellbore #1, Wellbore #1 V0	ABND VERT LIND 36-32, Wellbore #1, Design #1 V0	VARRA 9, STK1STK1 V0
EXIST HZ BALDRIDGE 7-1, Wellbore #1, Wellbore #1 V0	ICE MAN 2W45-2N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 9, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 20-36, Wellbore #1, Wellbore #1 V0	MAVERICK 2W20-02, OWB, PROPOSAL 1 V0	VARRA 12, Wellbore #1, Wellbore #1 V0
EXIST HZ BALDRIDGE 17-1, Wellbore #1, Wellbore #1 V0	EXIST HZ SCHNBDR 34-36, Wellbore #1, Wellbore #1 V0	VARRA 7, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-7N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	MICKEY 13, ORIGINAL WELBORE, WB #1 - Patterson 36 V0	VARRA 5, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-6C, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 8, Wellbore #1, Wellbore #1 V0	SIMONSEN 1L421, Wellbore #1, Wellbore #1 V0
EXIST HZ BALDRIDGE 8-1, Wellbore #1, Wellbore #1 V0	VARRA 3, Wellbore #1, Wellbore #1 V0	SIMONSEN 1L241, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 37-36, Wellbore #1, Wellbore #1 V0	VARRA 3, STK1STK1 V0	SIMONSEN 1L421, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-1C, ORIGINAL WELBORE, WB #1 - PATT 93 V0	MICKEY 11, ORIGINAL WELBORE, WB #1 - Patterson 36 V0	SIMONSEN 1Q241, Wellbore #1, Wellbore #1 V0
EXIST HZ BALDRIDGE 1-1, Wellbore #1, Wellbore #1 V0	VARRA 10, Wellbore #1, Wellbore #1 V0	EXIST HZ BOWER 15-3, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-6N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	MAVERICK 2W20-03, OWB, PROPOSAL 1 V0	ABND VERT BOWER 1-3, Wellbore #1, Design #1 V0
ICE MAN 2W45-3N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 6, Wellbore #1, Wellbore #1 V0	ABND VERT MOSER 1-2, Wellbore #1, Design #1 V0
MAVERICK 2W20-01, OWB, PROPOSAL 1 V0	MICKEY 10, ORIGINAL WELBORE, WB #1 - Patterson 36 V0	EXIST HZ BOWER 10-3, Wellbore #1, Wellbore #1 V0
		ABND VERT OCHSNER 1-3, Wellbore #1, Design #1 V0