

# **EXTRACTION OIL & GAS**

**WELD COUNTY**

**Sec 36-T7N-R67W**

**MAVERICK 2W-20-01**

**OWB**

**PROPOSAL 1**

## **Anticollision Report**

**17 December, 2024**

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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>	12/17/2024			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.00	20,976.29	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
Sec 12-T6N-R67W						
SIMONSEN 11-421 - Wellbore #1 - Wellbore #1	9,919.08	9,720.51	45.37	-43.40	0.511	Level 1, CC, SF
SIMONSEN 11-421 - Wellbore #1 - Wellbore #1	10,000.00	9,702.86	92.78	-60.16	0.607	Level 1, ES
SIMONSEN 11-241 - Wellbore #1 - Wellbore #1	9,391.24	9,820.90	473.19	327.07	3.238	CC
SIMONSEN 11-241 - Wellbore #1 - Wellbore #1	9,400.00	9,815.03	473.24	326.40	3.223	ES
SIMONSEN 11-241 - Wellbore #1 - Wellbore #1	9,500.00	9,751.93	480.37	327.16	3.135	SF
SIMONSEN 11-421 - Wellbore #1 - Wellbore #1	9,059.11	9,907.11	1,220.10	1,080.82	8.760	CC
SIMONSEN 11-421 - Wellbore #1 - Wellbore #1	9,100.00	9,885.61	1,220.59	1,079.92	8.677	ES
SIMONSEN 11-421 - Wellbore #1 - Wellbore #1	9,400.00	9,695.54	1,248.97	1,100.20	8.395	SF
SIMONSEN 11-241 - Wellbore #1 - Wellbore #1	8,406.50	10,217.65	1,786.83	1,650.10	13.068	CC
SIMONSEN 11-241 - Wellbore #1 - Wellbore #1	8,500.00	10,161.70	1,788.63	1,649.56	12.862	ES
SIMONSEN 11-241 - Wellbore #1 - Wellbore #1	8,900.00	9,889.00	1,828.06	1,680.93	12.425	SF
Sec 36-T7N-R67W						
ABND VERT LIND 36-32 - Wellbore #1 - Design #1	3,187.37	2,800.52	1,942.46	1,908.20	56.700	CC
ABND VERT LIND 36-32 - Wellbore #1 - Design #1	3,200.00	2,809.02	1,942.48	1,908.03	56.373	ES
ABND VERT LIND 36-32 - Wellbore #1 - Design #1	4,700.00	3,817.93	2,241.89	2,188.40	41.910	SF
ABND VERT LIND 36-33 - Wellbore #1 - Design #1	5,197.71	4,126.70	1,186.70	1,120.22	17.848	CC
ABND VERT LIND 36-33 - Wellbore #1 - Design #1	5,200.00	4,128.24	1,186.71	1,120.18	17.838	ES
ABND VERT LIND 36-33 - Wellbore #1 - Design #1	5,600.00	4,397.28	1,223.47	1,151.98	17.112	SF
EXIST HZ BALDRIDGE 17-1 - Wellbore #1 - Wellbore #1	3,860.21	2,729.82	1,655.50	1,614.53	40.406	CC
EXIST HZ BALDRIDGE 17-1 - Wellbore #1 - Wellbore #1	3,900.00	2,753.04	1,655.76	1,614.07	39.716	ES
EXIST HZ BALDRIDGE 17-1 - Wellbore #1 - Wellbore #1	7,200.00	5,513.01	2,671.66	2,568.78	25.968	SF
EXIST HZ BALDRIDGE 2-1 - Wellbore #1 - Wellbore #1	4,359.62	3,400.00	1,244.90	1,192.00	23.533	CC
EXIST HZ BALDRIDGE 2-1 - Wellbore #1 - Wellbore #1	4,400.00	3,430.09	1,245.18	1,191.46	23.182	ES
EXIST HZ BALDRIDGE 2-1 - Wellbore #1 - Wellbore #1	5,400.00	4,244.86	1,400.50	1,330.06	19.882	SF
EXIST HZ BALDRIDGE 7-1 - Wellbore #1 - Wellbore #1	4,536.37	3,246.54	1,700.16	1,645.74	31.240	CC
EXIST HZ BALDRIDGE 8-1 - Wellbore #1 - Wellbore #1	4,800.00	3,486.00	1,703.64	1,642.80	28.004	ES
EXIST HZ BALDRIDGE 7-1 - Wellbore #1 - Wellbore #1	7,500.00	6,069.59	2,169.56	2,046.64	17.651	SF
EXIST HZ BALDRIDGE 8-1 - Wellbore #1 - Wellbore #1	3,489.36	2,257.78	1,852.07	1,818.99	55.982	CC
EXIST HZ BALDRIDGE 8-1 - Wellbore #1 - Wellbore #1	3,600.00	2,341.47	1,853.52	1,818.42	52.819	ES
EXIST HZ BALDRIDGE 8-1 - Wellbore #1 - Wellbore #1	9,000.00	6,967.70	4,002.92	3,866.56	29.355	SF
EXIST HZ SCHNEIDER 16-36 - Wellbore #1 - Wellbore #	3,325.15	2,623.48	1,311.72	1,275.62	36.336	CC, ES
EXIST HZ SCHNEIDER 16-36 - Wellbore #1 - Wellbore #	3,900.00	2,904.76	1,408.39	1,364.96	32.429	SF
EXIST HZ SCHNEIDER 20-36 - Wellbore #1 - Wellbore #	3,193.88	2,788.59	1,029.45	991.02	26.788	CC
EXIST HZ SCHNEIDER 20-36 - Wellbore #1 - Wellbore #	3,200.00	2,790.90	1,029.47	990.95	26.724	ES
EXIST HZ SCHNEIDER 20-36 - Wellbore #1 - Wellbore #	3,500.00	2,923.94	1,066.42	1,024.14	25.227	SF
EXIST HZ SCHNEIDER 33-36 - Wellbore #1 - Wellbore #	2,880.34	2,744.40	650.48	616.75	19.285	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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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 36-T7N-R67W						
EXIST HZ SCHNEIDER 33-36 - Wellbore #1 - Wellbore #	2,900.00	2,753.67	650.71	616.70	19.128	ES
EXIST HZ SCHNEIDER 33-36 - Wellbore #1 - Wellbore #	3,000.00	2,800.00	658.99	623.75	18.696	SF
EXIST HZ SCHNEIDER 34-36 - Wellbore #1 - Wellbore #	2,917.40	2,556.72	925.49	893.64	29.056	CC, ES
EXIST HZ SCHNEIDER 34-36 - Wellbore #1 - Wellbore #	3,200.00	2,635.56	963.69	928.83	27.644	SF
EXIST HZ SCHNEIDER 37-36 - Wellbore #1 - Wellbore #	3,641.15	2,874.23	1,344.49	1,304.00	33.206	CC
EXIST HZ SCHNEIDER 37-36 - Wellbore #1 - Wellbore #	3,700.00	2,914.91	1,345.15	1,303.66	32.415	ES
EXIST HZ SCHNEIDER 37-36 - Wellbore #1 - Wellbore #	4,400.00	3,393.00	1,464.42	1,412.99	28.474	SF
ICE MAN 2W-15-1C - ORIGINAL WELLBORE - WB #1 -	3,890.15	3,294.55	259.80	220.57	6.622	CC
ICE MAN 2W-15-1C - ORIGINAL WELLBORE - WB #1 -	4,000.00	3,403.90	261.99	216.77	5.793	ES
ICE MAN 2W-15-1C - ORIGINAL WELLBORE - WB #1 -	4,200.00	3,584.51	290.02	235.55	5.324	SF
ICE MAN 2W-15-2N - ORIGINAL WELLBORE - WB #1 -	4,139.29	3,514.04	283.46	238.71	6.334	CC
ICE MAN 2W-15-2N - ORIGINAL WELLBORE - WB #1 -	4,200.00	3,563.59	285.33	237.55	5.971	ES
ICE MAN 2W-15-2N - ORIGINAL WELLBORE - WB #1 -	17,700.00	15,444.00	2,718.98	2,205.40	5.294	SF
ICE MAN 2W-15-3N - ORIGINAL WELLBORE - WB #1 -	4,386.45	3,723.46	307.39	256.83	6.080	CC
ICE MAN 2W-15-3N - ORIGINAL WELLBORE - WB #1 -	4,500.00	3,824.53	312.25	255.78	5.530	ES
ICE MAN 2W-15-3N - ORIGINAL WELLBORE - WB #1 -	17,762.28	15,669.00	2,382.09	1,864.62	4.603	SF
ICE MAN 2W-15-4N - ORIGINAL WELLBORE - WB #1 -	4,724.95	4,011.61	321.59	265.75	5.759	CC
ICE MAN 2W-15-4N - ORIGINAL WELLBORE - WB #1 -	4,800.00	4,075.73	323.73	263.79	5.401	ES
ICE MAN 2W-15-4N - ORIGINAL WELLBORE - WB #1 -	17,757.19	15,673.00	2,018.74	1,505.28	3.932	SF
ICE MAN 2W-15-5C - ORIGINAL WELLBORE - WB #1 -	4,989.74	4,227.89	323.23	266.44	5.692	CC
ICE MAN 2W-15-5C - ORIGINAL WELLBORE - WB #1 -	5,400.00	4,648.65	340.35	259.98	4.235	ES
ICE MAN 2W-15-5C - ORIGINAL WELLBORE - WB #1 -	17,700.00	15,880.07	1,689.34	1,169.87	3.252	SF
ICE MAN 2W-15-6N - ORIGINAL WELLBORE - WB #1 -	5,638.10	4,835.94	358.03	281.60	4.685	CC
ICE MAN 2W-15-6N - ORIGINAL WELLBORE - WB #1 -	5,900.00	5,106.90	366.24	275.11	4.019	ES
ICE MAN 2W-15-6N - ORIGINAL WELLBORE - WB #1 -	17,700.00	15,742.93	1,389.22	889.92	2.782	SF
ICE MAN 2W-15-7N - ORIGINAL WELLBORE - WB #1 -	6,368.53	5,529.12	342.62	244.75	3.501	CC
ICE MAN 2W-15-7N - ORIGINAL WELLBORE - WB #1 -	6,500.00	5,645.45	346.70	241.18	3.286	ES
ICE MAN 2W-15-7N - ORIGINAL WELLBORE - WB #1 -	17,745.20	16,045.00	1,017.64	503.59	1.980	SF
MAVERICK 2W-20-02 - OWB - PROPOSAL 1	714.37	715.49	17.71	12.81	3.615	CC
MAVERICK 2W-20-02 - OWB - PROPOSAL 1	20,976.29	21,121.77	529.53	-55.64	0.905	Level 1, ES, SF
MAVERICK 2W-20-03 - OWB - PROPOSAL 1	659.29	661.47	35.59	31.03	7.811	CC
MAVERICK 2W-20-03 - OWB - PROPOSAL 1	700.00	702.10	35.73	30.86	7.335	ES
MAVERICK 2W-20-03 - OWB - PROPOSAL 1	20,976.29	21,746.26	925.04	231.55	1.334	Level 3, SF
MAVERICK 2W-20-04 - OWB - PROPOSAL 1	618.01	620.30	53.55	49.20	12.320	CC, ES
MAVERICK 2W-20-04 - OWB - PROPOSAL 1	20,976.29	21,818.56	1,362.94	680.88	1.998	SF
Sec 3-T6N-R67W						
ABND VERT BOWER 1-3 - Wellbore #1 - Design #1	16,281.61	7,352.00	119.31	-249.56	0.323	Level 1, CC
ABND VERT BOWER 1-3 - Wellbore #1 - Design #1	16,300.00	7,352.00	120.72	-258.97	0.318	Level 1, ES, SF
ABND VERT MOSIER 1-2 - Wellbore #1 - Design #1	14,744.00	7,293.00	1,442.77	1,236.02	6.978	CC
ABND VERT MOSIER 1-2 - Wellbore #1 - Design #1	14,900.00	7,293.00	1,451.08	1,232.13	6.627	ES
ABND VERT MOSIER 1-2 - Wellbore #1 - Design #1	15,200.00	7,293.00	1,512.85	1,276.80	6.409	SF
ABND VERT OCHSNER 1-3 - Wellbore #1 - Design #1	18,632.39	7,330.00	48.12	-272.29	0.150	Level 1, CC, ES, SF
EXIST HZ BOWER 10-3 - Wellbore #1 - Wellbore #1	17,323.95	7,535.68	141.54	-144.06	0.496	Level 1, CC, ES, SF
EXIST HZ BOWER 15-3 - Wellbore #1 - Wellbore #1	17,386.52	7,752.97	1,398.25	1,109.85	4.848	CC
EXIST HZ BOWER 15-3 - Wellbore #1 - Wellbore #1	17,500.00	7,753.65	1,402.84	1,104.33	4.699	ES
EXIST HZ BOWER 15-3 - Wellbore #1 - Wellbore #1	17,700.00	7,754.86	1,432.96	1,120.97	4.593	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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	18,100.00	17,398.40	1,158.02	606.81	2.101	ES, SF
MICKEY 10 - ORIGINAL WELLBORE - WB # 1 - Patters	18,106.52	17,393.52	1,158.01	606.85	2.101	CC
MICKEY 11 - ORIGINAL WELLBORE - WB # 1 - Patters	18,000.00	17,312.00	1,034.54	501.85	1.942	ES, SF
MICKEY 11 - ORIGINAL WELLBORE - WB # 1 - Patters	18,037.36	17,312.00	1,033.68	502.62	1.946	CC
MICKEY 12 - ORIGINAL WELLBORE - WB #1 - Patterso	18,000.00	17,365.00	705.75	183.35	1.351	Level 3, ES, SF
MICKEY 12 - ORIGINAL WELLBORE - WB #1 - Patterso	18,041.67	17,365.00	704.29	184.65	1.355	Level 3, CC
MICKEY 13 - ORIGINAL WELLBORE - WB #1 - Patterso	18,100.00	17,395.71	492.99	-58.28	0.894	Level 1, CC, ES, SF
VARRA 10 - Wellbore #1 - Wellbore #1	20,976.29	17,140.00	1,130.14	535.50	1.901	CC, ES, SF
VARRA 11 - Wellbore #1 - Wellbore #1	20,976.29	16,920.00	1,295.70	693.70	2.152	CC, ES, SF
VARRA 12 - Wellbore #1 - Wellbore #1	20,976.29	17,070.00	1,658.75	1,051.97	2.734	CC, ES, SF
VARRA 2 - Wellbore #1 - Wellbore #1	20,976.29	16,991.00	716.39	155.73	1.278	Level 3, CC, ES, SF
VARRA 3 - STK1 - STK1	20,976.29	16,815.00	522.90	158.19	1.434	Level 3, CC, ES, SF
VARRA 3 - Wellbore #1 - Wellbore #1	20,976.29	15,135.00	1,927.33	1,717.10	9.167	CC, ES, SF
VARRA 4 - Wellbore #1 - Wellbore #1	20,976.29	17,130.00	239.03	-249.08	0.490	Level 1, CC, ES, SF
VARRA 5 - Wellbore #1 - Wellbore #1	20,976.29	16,905.00	337.26	136.56	1.680	CC, ES, SF
VARRA 6 - Wellbore #1 - Wellbore #1	20,976.29	17,004.00	456.10	-26.67	0.945	Level 1, CC, ES, SF
VARRA 7 - Wellbore #1 - Wellbore #1	20,976.29	17,100.00	498.90	-56.98	0.898	Level 1, CC, ES, SF
VARRA 8 - Wellbore #1 - Wellbore #1	20,976.29	16,848.00	721.34	160.39	1.286	Level 3, CC, ES, SF
VARRA 9 - STK1 - STK1	20,976.29	16,811.00	1,055.83	475.58	1.820	CC, ES, SF
VARRA 9 - Wellbore #1 - Wellbore #1	20,976.29	15,770.00	1,560.63	1,232.80	4.760	CC, ES, SF

### Offset Design

Survey Program: 144-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	
100.00	100.00	40.14	40.14	0.27	0.06	-160.33	-7,833.56	-2,799.77	8,318.85	8,318.52	0.33	N/A		
200.00	200.00	12,310.00	7,272.34	0.63	95.75	-133.71	-2,875.43	-3,007.70	8,256.53	8,202.90	53.64	153.931		
300.00	300.00	12,310.00	7,272.34	0.99	95.75	-133.71	-2,875.43	-3,007.70	8,170.32	8,116.46	53.86	151.693		
400.00	400.00	12,310.00	7,272.34	1.34	95.75	-133.71	-2,875.43	-3,007.70	8,084.42	8,030.31	54.11	149.408		
500.00	499.98	12,310.00	7,272.34	1.69	95.75	19.92	-2,875.43	-3,007.70	7,998.00	7,943.61	54.39	147.041		
600.00	599.84	12,310.00	7,272.34	2.03	95.75	21.20	-2,875.43	-3,007.70	7,910.28	7,855.58	54.70	144.605		
700.00	699.45	12,310.00	7,272.34	2.38	95.75	22.66	-2,875.43	-3,007.70	7,821.31	7,766.29	55.02	142.154		
800.00	798.70	12,310.00	7,272.34	2.75	95.75	24.32	-2,875.43	-3,007.70	7,731.16	7,675.82	55.34	139.696		
900.00	897.47	12,310.00	7,272.34	3.15	95.75	26.22	-2,875.43	-3,007.70	7,639.90	7,584.23	55.67	137.238		
1,000.00	995.62	12,310.00	7,272.34	3.57	95.75	28.42	-2,875.43	-3,007.70	7,547.60	7,491.61	56.00	134.784		
1,100.00	1,093.06	12,310.00	7,272.34	4.03	95.75	30.98	-2,875.43	-3,007.70	7,454.35	7,398.02	56.33	132.338		
1,200.00	1,189.64	12,310.00	7,272.34	4.53	95.75	33.98	-2,875.43	-3,007.70	7,360.21	7,303.55	56.66	129.904		
1,300.00	1,285.27	12,310.00	7,272.34	5.08	95.75	37.51	-2,875.43	-3,007.70	7,265.28	7,208.29	56.99	127.485		
1,400.00	1,379.82	12,310.00	7,272.34	5.66	95.75	41.69	-2,875.43	-3,007.70	7,169.63	7,112.31	57.32	125.082		
1,500.00	1,473.17	12,310.00	7,272.34	6.30	95.75	46.64	-2,875.43	-3,007.70	7,073.36	7,015.71	57.65	122.697		
1,600.00	1,565.21	12,310.00	7,272.34	6.98	95.75	52.51	-2,875.43	-3,007.70	6,976.56	6,918.59	57.98	120.332		
1,700.00	1,655.84	12,310.00	7,272.34	7.72	95.75	59.40	-2,875.43	-3,007.70	6,879.34	6,821.03	58.31	117.988		
1,800.00	1,744.94	12,310.00	7,272.34	8.51	95.75	67.32	-2,875.43	-3,007.70	6,781.78	6,723.15	58.63	115.666		
1,900.00	1,832.39	12,310.00	7,272.34	9.35	95.75	76.16	-2,875.43	-3,007.70	6,684.01	6,625.05	58.96	113.365		
2,000.00	1,918.11	12,310.00	7,272.34	10.25	95.75	85.59	-2,875.43	-3,007.70	6,586.13	6,526.84	59.29	111.088		
2,100.00	2,001.97	12,310.00	7,272.34	11.19	95.75	95.13	-2,875.43	-3,007.70	6,488.25	6,428.64	59.62	108.832		
2,200.00	2,083.88	12,310.00	7,272.34	12.20	95.75	104.24	-2,875.43	-3,007.70	6,390.51	6,330.56	59.95	106.599		
2,300.00	2,163.74	12,310.00	7,272.34	13.25	95.75	112.53	-2,875.43	-3,007.70	6,293.03	6,232.74	60.29	104.387		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
2,400.00	2,241.45	12,310.00	7,272.34	14.35	95.75	119.80	-2,875.43	-3,007.70	6,195.94	6,135.31	60.63	102.197		
2,500.00	2,316.92	12,310.00	7,272.34	15.51	95.75	126.04	-2,875.43	-3,007.70	6,099.38	6,038.41	60.98	100.026		
2,600.00	2,390.05	12,310.00	7,272.34	16.71	95.75	131.31	-2,875.43	-3,007.70	6,003.51	5,942.17	61.34	97.876		
2,700.00	2,460.76	12,310.00	7,272.34	17.96	95.75	135.74	-2,875.43	-3,007.70	5,908.46	5,846.75	61.71	95.744		
2,800.00	2,528.98	12,310.00	7,272.34	19.26	95.75	139.01	-2,875.43	-3,007.70	5,814.40	5,752.30	62.10	93.634		
2,900.00	2,596.24	12,310.00	7,272.34	20.59	95.75	139.01	-2,875.43	-3,007.70	5,720.88	5,658.36	62.52	91.508		
3,000.00	2,663.50	12,310.00	7,272.34	21.92	95.75	139.01	-2,875.43	-3,007.70	5,627.58	5,564.61	62.97	89.374		
3,100.00	2,730.76	12,310.00	7,272.34	23.25	95.75	139.01	-2,875.43	-3,007.70	5,534.51	5,471.07	63.44	87.234		
3,200.00	2,798.02	12,310.00	7,272.34	24.60	95.75	139.01	-2,875.43	-3,007.70	5,441.70	5,377.75	63.95	85.093		
3,300.00	2,865.28	12,310.00	7,272.34	25.94	95.75	139.01	-2,875.43	-3,007.70	5,349.14	5,284.65	64.48	82.954		
3,400.00	2,932.54	12,310.00	7,272.34	27.30	95.75	139.01	-2,875.43	-3,007.70	5,256.85	5,191.81	65.04	80.821		
3,500.00	2,999.80	12,310.00	7,272.34	28.65	95.75	139.01	-2,875.43	-3,007.70	5,164.85	5,099.22	65.63	78.695		
3,600.00	3,067.06	12,310.00	7,272.34	30.01	95.75	139.01	-2,875.43	-3,007.70	5,073.15	5,006.91	66.25	76.581		
3,700.00	3,134.32	12,310.00	7,272.34	31.37	95.75	139.01	-2,875.43	-3,007.70	4,981.77	4,914.89	66.89	74.479		
3,800.00	3,201.59	12,310.00	7,272.34	32.73	95.75	139.01	-2,875.43	-3,007.70	4,890.73	4,823.18	67.56	72.393		
3,900.00	3,268.85	12,310.00	7,272.34	34.09	95.75	139.01	-2,875.43	-3,007.70	4,800.05	4,731.79	68.26	70.324		
4,000.00	3,336.11	12,310.00	7,272.34	35.46	95.75	139.01	-2,875.43	-3,007.70	4,709.74	4,640.76	68.98	68.274		
4,100.00	3,403.37	12,310.00	7,272.34	36.83	95.75	139.01	-2,875.43	-3,007.70	4,619.84	4,550.10	69.74	66.245		
4,200.00	3,470.63	12,310.00	7,272.34	38.20	95.75	139.01	-2,875.43	-3,007.70	4,530.35	4,459.83	70.52	64.238		
4,300.00	3,537.89	12,310.00	7,272.34	39.57	95.75	139.01	-2,875.43	-3,007.70	4,441.32	4,369.98	71.34	62.255		
4,400.00	3,605.15	12,310.00	7,272.34	40.94	95.75	139.01	-2,875.43	-3,007.70	4,352.76	4,280.57	72.19	60.298		
4,500.00	3,672.41	12,310.00	7,272.34	42.31	95.75	139.01	-2,875.43	-3,007.70	4,264.71	4,191.64	73.07	58.368		
4,600.00	3,739.67	12,310.00	7,272.34	43.68	95.75	139.01	-2,875.43	-3,007.70	4,177.19	4,103.21	73.98	56.465		
4,700.00	3,806.93	12,310.00	7,272.34	45.06	95.75	139.01	-2,875.43	-3,007.70	4,090.25	4,015.32	74.92	54.593		
4,800.00	3,874.19	12,310.00	7,272.34	46.43	95.75	139.01	-2,875.43	-3,007.70	4,003.91	3,928.01	75.90	52.751		
4,900.00	3,941.46	12,310.00	7,272.34	47.81	95.75	139.01	-2,875.43	-3,007.70	3,918.23	3,841.31	76.92	50.941		
5,000.00	4,008.72	12,310.00	7,272.34	49.18	95.75	139.01	-2,875.43	-3,007.70	3,833.24	3,755.27	77.97	49.164		
5,100.00	4,075.98	12,310.00	7,272.34	50.56	95.75	139.01	-2,875.43	-3,007.70	3,748.99	3,669.94	79.06	47.421		
5,200.00	4,143.24	12,310.00	7,272.34	51.94	95.75	139.01	-2,875.43	-3,007.70	3,665.53	3,585.35	80.18	45.715		
5,300.00	4,210.50	12,310.00	7,272.34	53.31	95.75	139.01	-2,875.43	-3,007.70	3,582.92	3,501.58	81.35	44.045		
5,400.00	4,277.76	12,310.00	7,272.34	54.69	95.75	139.01	-2,875.43	-3,007.70	3,501.22	3,418.67	82.55	42.414		
5,500.00	4,345.02	12,310.00	7,272.34	56.07	95.75	139.01	-2,875.43	-3,007.70	3,420.49	3,336.70	83.79	40.821		
5,600.00	4,412.28	12,310.00	7,272.34	57.45	95.75	139.01	-2,875.43	-3,007.70	3,340.80	3,255.73	85.07	39.270		
5,700.00	4,479.54	12,310.00	7,272.34	58.83	95.75	139.01	-2,875.43	-3,007.70	3,262.23	3,175.84	86.39	37.761		
5,800.00	4,546.80	12,310.00	7,272.34	60.21	95.75	139.01	-2,875.43	-3,007.70	3,184.87	3,097.12	87.75	36.294		
5,900.00	4,614.07	12,310.00	7,272.34	61.59	95.75	139.01	-2,875.43	-3,007.70	3,108.79	3,019.64	89.15	34.873		
6,000.00	4,681.33	12,310.00	7,272.34	62.97	95.75	139.01	-2,875.43	-3,007.70	3,034.10	2,943.53	90.58	33.497		
6,100.00	4,748.59	12,287.14	7,272.74	64.35	95.36	138.96	-2,898.27	-3,008.70	2,960.82	2,869.23	91.59	32.326		
6,200.00	4,815.85	12,215.18	7,273.89	65.73	94.15	138.81	-2,970.16	-3,011.75	2,887.75	2,796.10	91.66	31.506		
6,300.00	4,883.11	12,143.00	7,275.02	67.11	92.93	138.65	-3,042.26	-3,014.87	2,814.71	2,722.98	91.72	30.687		
6,400.00	4,950.37	12,080.00	7,276.51	68.49	91.87	138.52	-3,105.20	-3,017.15	2,741.89	2,649.91	91.97	29.813		
6,500.00	5,017.63	12,030.26	7,277.71	69.87	91.03	138.41	-3,154.88	-3,019.14	2,669.23	2,576.70	92.53	28.847		
6,600.00	5,084.89	11,969.69	7,279.68	71.25	90.01	138.29	-3,215.39	-3,021.02	2,596.80	2,503.95	92.85	27.967		
6,700.00	5,152.15	11,920.39	7,281.74	72.63	89.17	138.20	-3,264.63	-3,022.28	2,524.77	2,431.33	93.44	27.021		
6,800.00	5,219.41	11,876.62	7,284.06	74.02	88.43	138.13	-3,308.32	-3,023.47	2,453.44	2,359.26	94.18	26.051		
6,900.00	5,286.67	11,849.00	7,282.97	75.40	87.54	137.19	-3,371.38	-3,024.29	2,379.59	2,294.23	95.36	25.107		
7,000.00	5,353.94	11,828.32	7,281.03	76.78	86.85	137.14	-3,435.92	-3,025.58	2,299.59	2,213.57	96.62	24.173		
7,100.00	5,421.20	11,807.36	7,279.61	78.16	86.14	137.10	-3,499.75	-3,026.81	2,220.05	2,133.36	97.97	23.249		
7,200.00	5,488.46	11,786.32	7,279.26	79.55	85.41	137.10	-3,563.70	-3,028.04	2,141.38	2,053.47	99.31	22.335		
7,300.00	5,555.72	11,765.35	7,279.47	80.93	84.68	137.10	-3,627.75	-3,029.27	2,063.86	1,974.78	100.64	21.431		
7,400.00	5,622.98	11,744.37	7,279.82	82.31	83.95	137.08	-3,691.88	-3,030.50	1,986.58	1,897.91	101.96	20.527		
7,500.00	5,690.24	11,723.38	7,279.82	83.69	83.22	136.99	-3,756.01	-3,031.73	1,909.06	1,820.55	103.28	19.623		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
7,600.00	5,757.50	11,133.49	7,278.56	85.08	75.83	136.90	-4,050.10	-3,002.77	1,831.51	1,742.60	88.91	20.600		
7,700.00	5,824.76	11,078.69	7,277.99	86.46	74.90	136.78	-4,104.85	-3,000.52	1,754.27	1,664.90	89.37	19.630		
7,800.00	5,892.02	11,033.62	7,277.79	87.84	74.14	136.69	-4,149.88	-2,998.75	1,677.47	1,587.22	90.25	18.587		
7,900.00	5,959.28	10,973.92	7,278.30	89.23	73.14	136.58	-4,209.53	-2,996.33	1,601.30	1,510.72	90.58	17.679		
8,000.00	6,026.55	10,930.00	7,278.66	90.61	72.41	136.46	-4,253.43	-2,995.14	1,525.57	1,433.92	91.66	16.645		
8,100.00	6,093.81	10,862.03	7,279.31	91.99	71.28	136.22	-4,321.39	-2,994.21	1,450.37	1,358.56	91.81	15.797		
8,200.00	6,161.07	10,765.41	7,278.64	93.38	69.68	135.75	-4,418.00	-2,993.17	1,374.41	1,283.69	90.72	15.150		
8,300.00	6,228.33	10,709.00	7,277.77	94.76	68.74	135.47	-4,474.38	-2,991.78	1,297.53	1,206.09	91.44	14.191		
8,400.00	6,295.59	10,658.21	7,277.38	96.14	67.91	135.17	-4,525.17	-2,991.14	1,221.45	1,128.89	92.55	13.197		
8,500.00	6,362.85	10,601.25	7,277.26	97.53	66.97	134.78	-4,582.13	-2,990.96	1,146.04	1,052.54	93.50	12.257		
8,600.00	6,430.11	10,539.61	7,277.00	98.91	65.97	134.23	-4,643.76	-2,991.61	1,071.01	976.64	94.38	11.348		
8,700.00	6,497.37	10,435.66	7,275.72	100.29	64.28	133.22	-4,747.69	-2,991.05	995.13	902.44	92.70	10.735		
8,800.00	6,564.63	10,376.32	7,274.85	101.68	63.30	132.70	-4,806.96	-2,988.45	917.78	824.21	93.57	9.808		
8,900.00	6,631.89	10,325.20	7,274.73	103.06	62.47	132.21	-4,858.04	-2,986.35	841.22	746.00	95.22	8.835		
9,000.00	6,699.15	10,271.18	7,274.96	104.45	61.59	131.52	-4,912.04	-2,985.24	765.75	668.74	97.01	7.893		
9,100.00	6,766.42	10,180.52	7,273.45	105.83	60.14	129.79	-5,002.68	-2,984.82	689.99	593.87	96.13	7.178		
9,200.00	6,833.68	10,111.22	7,270.05	107.22	59.02	127.96	-5,071.89	-2,983.70	612.17	514.93	97.25	6.295		
9,300.00	6,900.94	10,013.38	7,261.36	108.60	57.45	124.34	-5,169.20	-2,979.04	530.94	435.76	95.18	5.578		
9,400.00	6,968.20	9,955.99	7,255.15	109.98	56.53	121.12	-5,226.18	-2,976.12	449.80	351.51	98.30	4.576		
9,500.00	7,035.46	9,908.62	7,250.48	111.37	55.77	117.63	-5,273.25	-2,973.45	369.63	265.29	104.34	3.543		
9,600.00	7,101.31	9,863.59	7,248.58	112.79	55.06	115.70	-5,318.14	-2,970.72	290.48	178.90	111.58	2.603		
9,700.00	7,161.49	9,820.14	7,248.43	114.30	54.37	120.21	-5,361.56	-2,969.03	208.09	91.98	116.11	1.792		
9,800.00	7,214.06	9,766.73	7,247.64	115.85	53.53	139.89	-5,414.95	-2,967.87	122.06	14.64	107.42	1.136	Level 2	
9,900.00	7,257.41	9,726.65	7,247.46	117.39	52.91	-179.20	-5,455.01	-2,966.88	49.06	-14.72	63.78	0.769	Level 1	
9,919.08	7,264.52	9,720.51	7,247.42	117.67	52.81	-172.21	-5,461.14	-2,966.64	45.37	-43.40	88.77	0.511	Level 1, CC, SF	
10,000.00	7,290.24	9,702.86	7,247.28	118.87	52.54	-156.35	-5,478.76	-2,965.44	92.78	-60.16	152.93	0.607	Level 1, ES	
10,100.00	7,311.53	9,695.00	7,247.21	120.23	52.41	-162.18	-5,486.58	-2,964.67	188.38	36.59	151.79	1.241	Level 2	
10,200.00	7,320.66	9,695.00	7,247.21	121.43	52.41	74.34	-5,486.58	-2,964.67	288.11	136.15	151.96	1.896		
10,300.00	7,321.00	9,695.00	7,247.21	122.51	52.41	63.89	-5,486.58	-2,964.67	387.65	234.00	153.65	2.523		
10,400.00	7,321.00	9,705.30	7,247.30	123.62	52.57	70.01	-5,476.33	-2,965.65	487.11	333.68	153.43	3.175		
10,500.00	7,321.00	9,708.71	7,247.33	124.77	52.63	71.49	-5,472.92	-2,965.92	586.76	432.81	153.96	3.811		
10,600.00	7,321.00	9,711.51	7,247.35	125.95	52.67	72.55	-5,470.13	-2,966.12	686.48	532.10	154.38	4.447		
10,700.00	7,321.00	9,713.85	7,247.37	127.17	52.71	73.35	-5,467.80	-2,966.27	786.25	631.53	154.72	5.082		
10,800.00	7,321.00	9,726.00	7,247.46	128.43	52.90	76.61	-5,455.66	-2,966.85	886.24	731.90	154.34	5.742		
10,900.00	7,321.00	9,726.00	7,247.46	129.72	52.90	76.61	-5,455.66	-2,966.85	986.01	831.26	154.75	6.372		
11,000.00	7,321.00	9,726.00	7,247.46	131.05	52.90	76.61	-5,455.66	-2,966.85	1,085.83	930.75	155.08	7.002		
11,100.00	7,321.00	9,726.00	7,247.46	132.41	52.90	76.61	-5,455.66	-2,966.85	1,185.68	1,030.32	155.36	7.632		
11,200.00	7,321.00	9,726.00	7,247.46	133.81	52.90	76.61	-5,455.66	-2,966.85	1,285.55	1,129.96	155.59	8.262		
11,300.00	7,321.00	9,726.00	7,247.46	135.25	52.90	76.61	-5,455.66	-2,966.85	1,385.44	1,229.65	155.79	8.893		
11,400.00	7,321.00	9,726.00	7,247.46	136.72	52.90	76.61	-5,455.66	-2,966.85	1,485.34	1,329.38	155.96	9.524		
11,500.00	7,321.00	9,726.00	7,247.46	138.22	52.90	76.61	-5,455.66	-2,966.85	1,585.26	1,429.14	156.11	10.155		
11,600.00	7,321.00	9,726.00	7,247.46	139.76	52.90	76.61	-5,455.66	-2,966.85	1,685.18	1,528.94	156.25	10.785		
11,700.00	7,321.00	9,726.00	7,247.46	141.34	52.90	76.61	-5,455.66	-2,966.85	1,785.12	1,628.75	156.37	11.416		
11,800.00	7,321.00	9,726.00	7,247.46	142.94	52.90	76.61	-5,455.66	-2,966.85	1,885.06	1,728.58	156.47	12.047		
11,900.00	7,321.00	9,726.00	7,247.46	144.58	52.90	76.61	-5,455.66	-2,966.85	1,985.01	1,828.43	156.57	12.678		
12,000.00	7,321.00	9,726.00	7,247.46	146.25	52.90	76.61	-5,455.66	-2,966.85	2,084.96	1,928.30	156.66	13.309		
12,100.00	7,321.00	9,726.00	7,247.46	147.95	52.90	76.61	-5,455.66	-2,966.85	2,184.92	2,028.17	156.75	13.939		
12,200.00	7,321.00	9,726.00	7,247.46	149.67	52.90	76.61	-5,455.66	-2,966.85	2,284.88	2,128.05	156.82	14.570		
12,300.00	7,321.00	9,734.36	7,247.51	151.43	53.03	78.21	-5,447.31	-2,967.12	2,384.81	2,228.12	156.69	15.220		
12,400.00	7,321.00	9,735.75	7,247.52	153.22	53.05	78.44	-5,445.92	-2,967.16	2,484.77	2,328.04	156.73	15.854		
12,500.00	7,321.00	9,737.09	7,247.52	155.04	53.07	78.66	-5,444.58	-2,967.19	2,584.72	2,427.96	156.77	16.488		
12,600.00	7,321.00	9,738.37	7,247.53	156.88	53.09	78.85	-5,443.30	-2,967.23	2,684.69	2,527.88	156.81	17.121		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
12,700.00	7,321.00	9,739.60	7,247.54	158.75	53.11	79.04	-5,442.07	-2,967.26	2,784.65	2,627.80	156.85	17.754		
12,800.00	7,321.00	9,740.79	7,247.54	160.65	53.13	79.21	-5,440.88	-2,967.30	2,884.61	2,727.73	156.88	18.387		
12,900.00	7,321.00	9,741.93	7,247.55	162.57	53.15	79.37	-5,439.74	-2,967.33	2,984.58	2,827.65	156.92	19.020		
13,000.00	7,321.00	9,743.03	7,247.55	164.51	53.16	79.52	-5,438.64	-2,967.35	3,084.54	2,927.59	156.96	19.652		
13,100.00	7,321.00	9,744.08	7,247.56	166.48	53.18	79.66	-5,437.59	-2,967.38	3,184.51	3,027.52	156.99	20.284		
13,200.00	7,321.00	9,745.10	7,247.56	168.48	53.20	79.79	-5,436.57	-2,967.41	3,284.48	3,127.45	157.03	20.917		
13,300.00	7,321.00	9,746.09	7,247.56	170.49	53.21	79.91	-5,435.58	-2,967.43	3,384.45	3,227.39	157.06	21.549		
13,400.00	7,321.00	9,747.04	7,247.57	172.52	53.23	80.03	-5,434.63	-2,967.45	3,484.42	3,327.32	157.10	22.180		
13,500.00	7,321.00	9,747.95	7,247.57	174.58	53.24	80.14	-5,433.72	-2,967.48	3,584.39	3,427.26	157.13	22.812		
13,600.00	7,321.00	9,758.00	7,247.60	176.66	53.40	81.20	-5,423.67	-2,967.69	3,684.39	3,527.39	157.01	23.467		
13,700.00	7,321.00	9,758.00	7,247.60	178.75	53.40	81.20	-5,423.67	-2,967.69	3,784.36	3,627.30	157.06	24.095		
13,800.00	7,321.00	9,758.00	7,247.60	180.87	53.40	81.20	-5,423.67	-2,967.69	3,884.33	3,727.22	157.11	24.724		
13,900.00	7,321.00	9,758.00	7,247.60	183.00	53.40	81.20	-5,423.67	-2,967.69	3,984.30	3,827.15	157.15	25.353		
14,000.00	7,321.00	9,758.00	7,247.60	185.15	53.40	81.20	-5,423.67	-2,967.69	4,084.27	3,927.07	157.20	25.981		
14,100.00	7,321.00	9,758.00	7,247.60	187.32	53.40	81.20	-5,423.67	-2,967.69	4,184.25	4,027.00	157.25	26.610		
14,200.00	7,321.00	9,767.97	7,247.74	189.50	53.55	82.12	-5,413.70	-2,967.93	4,284.21	4,127.07	157.14	27.264		
14,300.00	7,321.00	9,770.37	7,247.78	191.70	53.59	82.32	-5,411.31	-2,967.99	4,384.18	4,227.03	157.15	27.898		
14,400.00	7,321.00	9,916.00	7,251.09	193.92	55.89	87.51	-5,265.90	-2,973.87	4,484.09	4,328.99	155.11	28.910		
14,500.00	7,321.00	9,921.42	7,251.59	196.15	55.98	87.67	-5,260.52	-2,974.17	4,583.94	4,428.82	155.12	29.552		
14,600.00	7,321.00	9,928.92	7,252.30	198.39	56.10	87.89	-5,253.06	-2,974.59	4,683.78	4,528.68	155.10	30.199		
14,700.00	7,321.00	9,936.52	7,253.06	200.65	56.22	88.11	-5,245.51	-2,975.02	4,783.62	4,628.54	155.08	30.846		
14,800.00	7,321.00	9,944.23	7,253.86	202.92	56.34	88.33	-5,237.86	-2,975.46	4,883.46	4,728.39	155.07	31.493		
14,900.00	7,321.00	9,952.04	7,254.72	205.20	56.47	88.55	-5,230.11	-2,975.90	4,983.29	4,828.24	155.05	32.140		
15,000.00	7,321.00	9,948.00	7,254.27	207.50	56.40	88.43	-5,234.11	-2,975.67	5,083.14	4,927.96	155.18	32.756		
15,100.00	7,321.00	9,948.00	7,254.27	209.80	56.40	88.43	-5,234.11	-2,975.67	5,182.98	5,027.73	155.26	33.383		
15,200.00	7,321.00	9,948.00	7,254.27	212.12	56.40	88.43	-5,234.11	-2,975.67	5,282.84	5,127.50	155.33	34.009		
15,300.00	7,321.00	9,958.43	7,255.41	214.45	56.57	88.71	-5,223.77	-2,976.25	5,382.67	5,227.39	155.29	34.663		
15,400.00	7,321.00	9,960.60	7,255.65	216.79	56.60	88.77	-5,221.61	-2,976.37	5,482.53	5,327.19	155.34	35.294		
15,500.00	7,321.00	9,962.72	7,255.88	219.15	56.64	88.82	-5,219.51	-2,976.48	5,582.38	5,427.00	155.39	35.926		
15,600.00	7,321.00	9,964.80	7,256.11	221.51	56.67	88.87	-5,217.44	-2,976.59	5,682.24	5,526.81	155.43	36.557		
15,700.00	7,321.00	9,966.83	7,256.33	223.88	56.70	88.92	-5,215.42	-2,976.70	5,782.11	5,626.62	155.48	37.188		
15,800.00	7,321.00	9,968.83	7,256.55	226.26	56.73	88.97	-5,213.44	-2,976.80	5,881.97	5,726.44	155.53	37.819		
15,900.00	7,321.00	9,980.00	7,257.76	228.65	56.91	89.23	-5,202.35	-2,977.36	5,981.86	5,826.38	155.48	38.473		
16,000.00	7,321.00	9,980.00	7,257.76	231.04	56.91	89.23	-5,202.35	-2,977.36	6,081.72	5,926.17	155.55	39.098		
16,100.00	7,321.00	9,980.00	7,257.76	233.45	56.91	89.23	-5,202.35	-2,977.36	6,181.59	6,025.97	155.62	39.723		
16,200.00	7,321.00	9,980.00	7,257.76	235.86	56.91	89.23	-5,202.35	-2,977.36	6,281.46	6,125.78	155.68	40.348		
16,300.00	7,321.00	9,980.00	7,257.76	238.28	56.91	89.23	-5,202.35	-2,977.36	6,381.34	6,225.59	155.75	40.972		
16,400.00	7,321.00	9,980.00	7,257.76	240.71	56.91	89.23	-5,202.35	-2,977.36	6,481.22	6,325.41	155.81	41.596		
16,500.00	7,321.00	9,996.42	7,259.53	243.15	57.18	89.57	-5,186.05	-2,978.17	6,581.10	6,425.38	155.72	42.263		
16,600.00	7,321.00	10,014.77	7,261.51	245.59	57.47	89.92	-5,167.82	-2,979.11	6,680.97	6,525.36	155.61	42.934		
16,700.00	7,321.00	10,036.32	7,263.84	248.05	57.82	90.28	-5,146.44	-2,980.26	6,780.82	6,625.34	155.48	43.612		
16,800.00	7,321.00	10,034.96	7,263.69	250.50	57.80	90.26	-5,147.79	-2,980.20	6,880.67	6,725.11	155.56	44.232		
16,900.00	7,321.00	10,052.43	7,265.55	252.97	58.08	90.53	-5,130.44	-2,981.15	6,980.52	6,825.05	155.47	44.899		
17,000.00	7,321.00	10,057.96	7,266.09	255.44	58.17	90.60	-5,124.95	-2,981.46	7,080.36	6,924.88	155.49	45.536		
17,100.00	7,321.00	10,063.49	7,266.61	257.91	58.25	90.67	-5,119.45	-2,981.76	7,180.21	7,024.70	155.51	46.172		
17,200.00	7,321.00	10,069.03	7,267.11	260.39	58.34	90.73	-5,113.94	-2,982.07	7,280.06	7,124.53	155.53	46.809		
17,300.00	7,321.00	10,074.57	7,267.59	262.88	58.43	90.78	-5,108.43	-2,982.38	7,379.91	7,224.36	155.55	47.445		
17,400.00	7,321.00	10,075.00	7,267.63	265.37	58.44	90.79	-5,108.00	-2,982.40	7,479.75	7,324.14	155.61	48.067		
17,500.00	7,321.00	10,075.00	7,267.63	267.87	58.44	90.79	-5,108.00	-2,982.40	7,579.61	7,423.93	155.67	48.689		
17,600.00	7,321.00	10,075.00	7,267.63	270.37	58.44	90.79	-5,108.00	-2,982.40	7,679.46	7,523.72	155.74	49.310		
17,700.00	7,321.00	10,075.00	7,267.63	272.88	58.44	90.79	-5,108.00	-2,982.40	7,779.32	7,623.52	155.80	49.931		
17,800.00	7,321.00	10,075.00	7,267.63	275.40	58.44	90.79	-5,108.00	-2,982.40	7,879.19	7,723.32	155.86	50.551		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
17,900.00	7,321.00	10,075.00	7,267.63	277.91	58.44	90.79	-5,108.00	-2,982.40	7,979.05	7,823.13	155.93	51.172	
18,000.00	7,321.00	10,075.00	7,267.63	280.43	58.44	90.79	-5,108.00	-2,982.40	8,078.92	7,922.94	155.99	51.792	
18,100.00	7,321.00	10,075.00	7,267.63	282.97	58.44	91.79	-5,108.00	-2,982.40	8,178.84	8,022.80	156.04	52.414	
18,200.00	7,321.00	10,075.00	7,267.63	285.53	58.44	-93.01	-5,108.00	-2,982.40	8,278.84	8,122.76	156.07	53.044	
18,300.00	7,321.00	10,075.00	7,267.63	288.11	58.44	-90.81	-5,108.00	-2,982.40	8,378.79	8,222.70	156.09	53.680	
18,400.00	7,321.00	10,075.00	7,267.63	290.70	58.44	-90.47	-5,108.00	-2,982.40	8,478.57	8,322.49	156.08	54.322	
18,500.00	7,321.00	10,075.00	7,267.63	293.30	58.44	-90.33	-5,108.00	-2,982.40	8,578.08	8,422.03	156.06	54.968	
18,600.00	7,321.00	10,075.00	7,267.63	295.90	58.44	-90.31	-5,108.00	-2,982.40	8,677.37	8,521.35	156.02	55.616	
18,700.00	7,321.00	10,075.00	7,267.63	298.50	58.44	-90.31	-5,108.00	-2,982.40	8,776.68	8,620.69	155.99	56.264	
18,800.00	7,321.00	10,065.77	7,266.82	301.11	58.29	-90.27	-5,117.18	-2,981.89	8,875.99	8,719.97	156.02	56.889	
18,900.00	7,321.00	10,054.10	7,265.71	303.72	58.10	-90.20	-5,128.78	-2,981.24	8,975.31	8,819.23	156.08	57.506	
19,000.00	7,321.00	9,980.00	7,257.76	306.32	56.91	-89.78	-5,202.35	-2,977.36	9,074.62	8,918.04	156.57	57.957	
19,100.00	7,321.00	9,980.00	7,257.76	308.93	56.91	-89.78	-5,202.35	-2,977.36	9,173.86	9,017.31	156.54	58.603	
19,200.00	7,321.00	9,980.00	7,257.76	311.54	56.91	-89.78	-5,202.35	-2,977.36	9,273.11	9,116.60	156.51	59.249	
19,300.00	7,321.00	9,980.00	7,257.76	314.16	56.91	-89.78	-5,202.35	-2,977.36	9,372.39	9,215.90	156.48	59.894	
19,400.00	7,321.00	9,966.06	7,256.25	316.77	56.69	-89.71	-5,216.19	-2,976.66	9,471.64	9,315.08	156.55	60.501	
19,500.00	7,321.00	9,726.00	7,247.46	319.38	52.90	-89.39	-5,455.66	-2,966.85	9,570.83	9,412.39	158.44	60.407	
19,600.00	7,321.00	9,726.00	7,247.46	322.00	52.90	-89.39	-5,455.66	-2,966.85	9,669.80	9,511.40	158.40	61.046	
19,700.00	7,321.00	9,726.00	7,247.46	324.61	52.90	-89.39	-5,455.66	-2,966.85	9,768.80	9,610.44	158.36	61.685	
19,800.00	7,321.00	9,726.00	7,247.46	327.23	52.90	-89.25	-5,455.66	-2,966.85	9,867.95	9,709.61	158.33	62.323	
19,900.00	7,321.00	9,726.00	7,247.46	329.85	52.90	-88.92	-5,455.66	-2,966.85	9,967.49	9,809.17	158.32	62.957	
20,000.00	7,321.00	9,726.00	7,247.46	332.46	52.90	-88.03	-5,455.66	-2,966.85	10,067.30	9,908.98	158.33	63.586	

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-01
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4922.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4922.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-01	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)	Offset Wellbore Centre +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	-142.20	-2,882.29	-2,236.05	8,041.09				
100.00	100.00	12,126.00	7,107.01	0.27	94.24	-142.20	-2,882.29	-2,236.05	7,952.10	7,902.91	49.19	161.655	
200.00	200.00	12,126.00	7,107.01	0.63	94.24	-142.20	-2,882.29	-2,236.05	7,863.38	7,814.09	49.29	159.533	
300.00	300.00	12,126.00	7,107.01	0.99	94.24	-142.20	-2,882.29	-2,236.05	7,774.93	7,725.52	49.41	157.359	
400.00	400.00	12,126.00	7,107.01	1.34	94.24	-142.20	-2,882.29	-2,236.05	7,686.77	7,637.22	49.55	155.137	
500.00	499.98	12,126.00	7,107.01	1.69	94.24	11.00	-2,882.29	-2,236.05	7,598.09	7,548.37	49.72	152.819	
600.00	599.84	12,126.00	7,107.01	2.03	94.24	11.82	-2,882.29	-2,236.05	7,508.13	7,458.22	49.92	150.416	
700.00	699.45	12,126.00	7,107.01	2.38	94.24	12.76	-2,882.29	-2,236.05	7,416.97	7,366.85	50.12	147.988	
800.00	798.70	12,126.00	7,107.01	2.75	94.24	13.87	-2,882.29	-2,236.05	7,324.67	7,274.34	50.33	145.545	
900.00	897.47	12,126.00	7,107.01	3.15	94.24	15.18	-2,882.29	-2,236.05	7,231.29	7,180.76	50.54	143.093	
1,000.00	995.62	12,126.00	7,107.01	3.57	94.24	16.75	-2,882.29	-2,236.05	7,136.92	7,086.18	50.75	140.638	
1,100.00	1,093.06	12,126.00	7,107.01	4.03	94.24	18.66	-2,882.29	-2,236.05	7,041.64	6,990.68	50.96	138.187	
1,200.00	1,189.64	12,126.00	7,107.01	4.53	94.24	21.02	-2,882.29	-2,236.05	6,945.51	6,894.34	51.17	135.742	
1,300.00	1,285.27	12,126.00	7,107.01	5.08	94.24	24.02	-2,882.29	-2,236.05	6,848.63	6,797.26	51.37	133.309	
1,400.00	1,379.82	12,126.00	7,107.01	5.66	94.24	27.90	-2,882.29	-2,236.05	6,751.09	6,699.51	51.58	130.890	
1,500.00	1,473.17	12,126.00	7,107.01	6.30	94.24	33.05	-2,882.29	-2,236.05	6,652.97	6,601.19	51.78	128.489	
1,600.00	1,565.21	12,126.00	7,107.01	6.98	94.24	40.08	-2,882.29	-2,236.05	6,554.37	6,502.40	51.97	126.108	
1,700.00	1,655.84	12,126.00	7,107.01	7.72	94.24	49.85	-2,882.29	-2,236.05	6,455.40	6,403.24	52.17	123.749	
1,800.00	1,744.94	12,126.00	7,107.01	8.51	94.24	63.29	-2,882.29	-2,236.05	6,356.16	6,303.81	52.35	121.416	
1,900.00	1,832.39	12,126.00	7,107.01	9.35	94.24	80.49	-2,882.29	-2,236.05	6,256.76	6,204.23	52.53	119.108	
2,000.00	1,918.11	12,126.00	7,107.01	10.25	94.24	99.26	-2,882.29	-2,236.05	6,157.32	6,104.62	52.70	116.828	
2,100.00	2,001.97	12,126.00	7,107.01	11.19	94.24	116.01	-2,882.29	-2,236.05	6,057.96	6,005.09	52.87	114.576	
2,200.00	2,083.88	12,126.00	7,107.01	12.20	94.24	128.90	-2,882.29	-2,236.05	5,958.80	5,905.77	53.04	112.351	
2,300.00	2,163.74	12,126.00	7,107.01	13.25	94.24	138.23	-2,882.29	-2,236.05	5,859.99	5,806.79	53.20	110.154	
2,400.00	2,241.45	12,126.00	7,107.01	14.35	94.24	144.95	-2,882.29	-2,236.05	5,761.66	5,708.30	53.36	107.983	
2,500.00	2,316.92	12,126.00	7,107.01	15.51	94.24	149.89	-2,882.29	-2,236.05	5,663.96	5,610.45	53.52	105.836	
2,600.00	2,390.05	12,126.00	7,107.01	16.71	94.24	153.62	-2,882.29	-2,236.05	5,567.05	5,513.37	53.68	103.709	
2,700.00	2,460.76	12,126.00	7,107.01	17.96	94.24	156.50	-2,882.29	-2,236.05	5,471.09	5,417.24	53.85	101.600	
2,800.00	2,528.98	12,126.00	7,107.01	19.26	94.24	158.50	-2,882.29	-2,236.05	5,376.23	5,322.21	54.03	99.511	
2,900.00	2,596.24	12,126.00	7,107.01	20.59	94.24	158.50	-2,882.29	-2,236.05	5,281.97	5,227.73	54.24	97.383	
3,000.00	2,663.50	12,126.00	7,107.01	21.92	94.24	158.50	-2,882.29	-2,236.05	5,187.92	5,133.44	54.48	95.234	
3,100.00	2,730.76	12,126.00	7,107.01	23.25	94.24	158.50	-2,882.29	-2,236.05	5,094.09	5,039.36	54.74	93.066	
3,200.00	2,798.02	12,126.00	7,107.01	24.60	94.24	158.50	-2,882.29	-2,236.05	5,000.51	4,945.49	55.02	90.883	
3,300.00	2,865.28	12,126.00	7,107.01	25.94	94.24	158.50	-2,882.29	-2,236.05	4,907.18	4,851.84	55.33	88.688	
3,400.00	2,932.54	12,126.00	7,107.01	27.30	94.24	158.50	-2,882.29	-2,236.05	4,814.11	4,758.45	55.66	86.485	
3,500.00	2,999.80	12,126.00	7,107.01	28.65	94.24	158.50	-2,882.29	-2,236.05	4,721.33	4,665.31	56.02	84.278	
3,600.00	3,067.06	12,126.00	7,107.01	30.01	94.24	158.50	-2,882.29	-2,236.05	4,628.85	4,572.45	56.40	82.069	
3,700.00	3,134.32	12,126.00	7,107.01	31.37	94.24	158.50	-2,882.29	-2,236.05	4,536.69	4,479.88	56.81	79.861	
3,800.00	3,201.59	12,126.00	7,107.01	32.73	94.24	158.50	-2,882.29	-2,236.05	4,444.87	4,387.63	57.24	77.659	
3,900.00	3,268.85	12,126.00	7,107.01	34.09	94.24	158.50	-2,882.29	-2,236.05	4,353.41	4,295.72	57.69	75.463	
4,000.00	3,336.11	12,126.00	7,107.01	35.46	94.24	158.50	-2,882.29	-2,236.05	4,262.33	4,204.16	58.17	73.278	
4,100.00	3,403.37	12,126.00	7,107.01	36.83	94.24	158.50	-2,882.29	-2,236.05	4,171.66	4,112.99	58.67	71.105	
4,200.00	3,470.63	12,126.00	7,107.01	38.20	94.24	158.50	-2,882.29	-2,236.05	4,081.43	4,022.23	59.20	68.947	
4,300.00	3,537.89	12,126.00	7,107.01	39.57	94.24	158.50	-2,882.29	-2,236.05	3,991.66	3,931.91	59.75	66.807	
4,400.00	3,605.15	12,126.00	7,107.01	40.94	94.24	158.50	-2,882.29	-2,236.05	3,902.39	3,842.06	60.33	64.686	
4,500.00	3,672.41	12,126.00	7,107.01	42.31	94.24	158.50	-2,882.29	-2,236.05	3,813.65	3,752.71	60.93	62.586	
4,600.00	3,739.67	12,126.00	7,107.01	43.68	94.24	158.50	-2,882.29	-2,236.05	3,725.48	3,663.91	61.57	60.510	
4,700.00	3,806.93	12,126.00	7,107.01	45.06	94.24	158.50	-2,882.29	-2,236.05	3,637.93	3,575.70	62.23	58.460	
4,800.00	3,874.19	12,126.00	7,107.01	46.43	94.24	158.50	-2,882.29	-2,236.05	3,551.03	3,488.11	62.92	56.438	
4,900.00	3,941.46	12,126.00	7,107.01	47.81	94.24	158.50	-2,882.29	-2,236.05	3,464.84	3,401.20	63.64	54.445	
5,000.00	4,008.72	12,126.00	7,107.01	49.18	94.24	158.50	-2,882.29	-2,236.05	3,379.41	3,315.02	64.39	52.484	
5,100.00	4,075.98	12,126.00	7,107.01	50.56	94.24	158.50	-2,882.29	-2,236.05	3,294.80	3,229.63	65.17	50.557	

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
5,200.00	4,143.24	12,126.00	7,107.01	51.94	94.24	158.50	-2,882.29	-2,236.05	3,211.07	3,145.09	65.98	48.666		
5,300.00	4,210.50	12,126.00	7,107.01	53.31	94.24	158.50	-2,882.29	-2,236.05	3,128.30	3,061.48	66.82	46.813		
5,400.00	4,277.76	12,126.00	7,107.01	54.69	94.24	158.50	-2,882.29	-2,236.05	3,046.57	2,978.87	67.70	45.001		
5,500.00	4,345.02	12,126.00	7,107.01	56.07	94.24	158.50	-2,882.29	-2,236.05	2,965.95	2,897.34	68.61	43.230		
5,600.00	4,412.28	12,126.00	7,107.01	57.45	94.24	158.50	-2,882.29	-2,236.05	2,886.55	2,817.00	69.55	41.504		
5,700.00	4,479.54	12,126.00	7,107.01	58.83	94.24	158.50	-2,882.29	-2,236.05	2,808.46	2,737.94	70.52	39.825		
5,800.00	4,546.80	12,126.00	7,107.01	60.21	94.24	158.50	-2,882.29	-2,236.05	2,731.81	2,660.28	71.52	38.196		
5,900.00	4,614.07	12,126.00	7,107.01	61.59	94.24	158.50	-2,882.29	-2,236.05	2,656.70	2,584.15	72.55	36.618		
6,000.00	4,681.33	12,115.80	7,107.22	62.97	94.06	158.57	-2,892.49	-2,235.99	2,583.26	2,509.88	73.38	35.204		
6,100.00	4,748.59	12,053.50	7,108.54	64.35	92.99	159.03	-2,954.78	-2,235.70	2,510.54	2,437.49	73.05	34.366		
6,200.00	4,815.85	11,950.00	7,110.37	65.73	91.22	159.84	-3,058.26	-2,235.36	2,437.83	2,366.07	71.75	33.974		
6,300.00	4,883.11	11,903.28	7,110.82	67.11	90.43	160.22	-3,104.98	-2,235.27	2,364.64	2,292.87	71.77	32.949		
6,400.00	4,950.37	11,775.29	7,111.25	68.49	88.24	161.37	-3,232.95	-2,234.60	2,291.17	2,221.40	69.77	32.840		
6,500.00	5,017.63	11,710.11	7,110.37	69.87	87.13	161.99	-3,298.12	-2,234.26	2,216.66	2,147.39	69.28	31.997		
6,600.00	5,084.89	11,664.00	7,109.99	71.25	86.35	162.46	-3,344.23	-2,234.23	2,142.69	2,073.42	69.27	30.931		
6,700.00	5,152.15	11,584.14	7,109.56	72.63	85.00	163.31	-3,424.09	-2,234.28	2,069.11	2,000.74	68.38	30.261		
6,800.00	5,219.41	11,512.46	7,108.39	74.02	83.78	164.11	-3,495.76	-2,234.71	1,995.02	1,927.35	67.68	29.478		
6,900.00	5,286.67	11,474.00	7,107.94	75.40	83.13	164.56	-3,534.22	-2,235.03	1,921.48	1,853.59	67.89	28.304		
7,000.00	5,353.94	11,366.18	7,107.35	76.78	81.31	165.97	-3,642.02	-2,235.30	1,848.74	1,782.64	66.11	27.966		
7,100.00	5,421.20	11,315.00	7,106.20	78.16	80.45	166.69	-3,693.19	-2,235.49	1,774.83	1,708.89	65.94	26.916		
7,200.00	5,488.46	11,267.99	7,105.71	79.55	79.66	167.41	-3,740.20	-2,235.43	1,701.83	1,635.93	65.90	25.824		
7,300.00	5,555.72	11,220.00	7,105.49	80.93	78.85	168.19	-3,788.19	-2,235.37	1,629.57	1,563.71	65.85	24.745		
7,400.00	5,622.98	11,148.29	7,105.86	82.31	77.64	169.46	-3,859.90	-2,234.77	1,558.16	1,493.09	65.07	23.947		
7,500.00	5,690.24	11,093.00	7,105.88	83.69	76.72	170.52	-3,915.19	-2,234.49	1,486.89	1,422.06	64.83	22.934		
7,600.00	5,757.50	11,024.80	7,106.77	85.08	75.57	171.96	-3,983.37	-2,233.40	1,416.79	1,352.59	64.20	22.067		
7,700.00	5,824.76	10,952.31	7,106.96	86.46	74.36	173.67	-4,055.84	-2,231.73	1,346.47	1,282.98	63.49	21.207		
7,800.00	5,892.02	10,903.00	7,107.46	87.84	73.53	174.92	-4,105.14	-2,230.87	1,277.32	1,213.66	63.66	20.066		
7,900.00	5,959.28	10,811.89	7,108.01	89.23	72.01	177.44	-4,196.24	-2,229.40	1,208.72	1,146.11	62.61	19.307		
8,000.00	6,026.55	10,729.43	7,106.77	90.61	70.64	-179.99	-4,278.67	-2,228.16	1,139.58	1,077.47	62.10	18.349		
8,100.00	6,093.81	10,681.00	7,105.99	91.99	69.84	-178.33	-4,327.09	-2,227.40	1,071.44	1,008.48	62.96	17.018		
8,200.00	6,161.07	10,621.49	7,105.97	93.38	68.86	-176.20	-4,386.60	-2,227.60	1,005.46	941.60	63.86	15.746		
8,300.00	6,228.33	10,549.61	7,105.56	94.76	67.68	-173.37	-4,458.47	-2,228.13	940.55	875.58	64.96	14.478		
8,400.00	6,295.59	10,475.42	7,104.55	96.14	66.46	-170.14	-4,532.65	-2,229.11	876.76	809.98	66.78	13.129		
8,500.00	6,362.85	10,416.85	7,104.00	97.53	65.51	-167.41	-4,591.18	-2,231.18	815.06	745.34	69.72	11.690		
8,600.00	6,430.11	10,350.35	7,103.70	98.91	64.43	-164.05	-4,657.61	-2,234.19	755.92	682.37	73.55	10.278		
8,700.00	6,497.37	10,277.81	7,103.54	100.29	63.26	-160.02	-4,730.03	-2,238.17	699.65	621.06	78.60	8.902		
8,800.00	6,564.63	10,202.26	7,102.41	101.68	62.05	-155.32	-4,805.46	-2,242.51	646.09	560.81	85.28	7.576		
8,900.00	6,631.89	10,131.42	7,100.71	103.06	60.92	-150.43	-4,876.14	-2,246.89	596.43	502.68	93.75	6.362		
9,000.00	6,699.15	10,079.00	7,099.59	104.45	60.09	-146.49	-4,928.46	-2,249.91	552.92	449.35	103.57	5.338		
9,100.00	6,766.42	10,018.69	7,099.90	105.83	59.13	-141.71	-4,988.70	-2,252.87	518.33	403.72	114.61	4.523		
9,200.00	6,833.68	9,954.70	7,100.45	107.22	58.11	-136.36	-5,052.60	-2,255.99	492.63	366.46	126.16	3.905		
9,300.00	6,900.94	9,886.88	7,101.67	108.60	57.04	-130.48	-5,120.35	-2,258.84	477.70	340.45	137.25	3.481		
9,391.24	6,962.31	9,820.90	7,102.18	109.86	56.01	-124.61	-5,186.27	-2,261.79	473.19	327.07	146.12	3.238 CC		
9,400.00	6,968.20	9,815.03	7,102.19	109.98	55.91	-124.08	-5,192.13	-2,262.06	473.24	326.40	146.84	3.223 ES		
9,500.00	7,035.46	9,751.93	7,101.79	111.37	54.93	-118.40	-5,255.18	-2,264.47	480.37	327.16	153.21	3.135 SF		
9,600.00	7,101.31	9,684.25	7,100.42	112.79	53.88	-118.61	-5,322.79	-2,267.28	503.31	346.49	156.82	3.209		
9,700.00	7,161.49	9,633.01	7,100.12	114.30	53.08	-120.63	-5,374.00	-2,268.81	552.04	395.07	156.97	3.517		
9,800.00	7,214.06	9,580.41	7,100.84	115.85	52.27	-120.20	-5,426.57	-2,270.23	620.67	464.22	156.45	3.967		
9,900.00	7,257.41	9,544.46	7,101.43	117.39	51.71	-117.92	-5,462.51	-2,270.76	703.76	548.47	155.29	4.532		
10,000.00	7,290.24	9,513.83	7,101.97	118.87	51.24	-109.84	-5,493.14	-2,270.96	796.10	641.34	154.76	5.144		
10,100.00	7,311.53	9,492.61	7,102.23	120.23	50.92	-83.64	-5,514.36	-2,271.08	893.48	738.76	154.72	5.775		
10,200.00	7,320.66	9,482.97	7,102.30	121.43	50.77	-15.26	-5,524.00	-2,271.15	992.61	837.65	154.97	6.405		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	9,481.93	7,102.30	122.51	50.75	-3.05	-5,525.04	-2,271.15	1,091.47	936.16	155.32	7.027		
10,400.00	7,321.00	9,481.21	7,102.31	123.62	50.74	-3.31	-5,525.76	-2,271.16	1,190.48	1,034.89	155.59	7.651		
10,500.00	7,321.00	9,480.48	7,102.31	124.77	50.73	-3.57	-5,526.48	-2,271.16	1,289.65	1,133.83	155.81	8.277		
10,600.00	7,321.00	9,479.75	7,102.31	125.95	50.72	-3.83	-5,527.22	-2,271.17	1,388.93	1,232.93	156.00	8.904		
10,700.00	7,321.00	9,479.68	7,102.31	127.17	50.72	-3.86	-5,527.29	-2,271.17	1,488.31	1,332.18	156.12	9.533		
10,800.00	7,321.00	9,478.80	7,102.32	128.43	50.70	-4.17	-5,528.16	-2,271.17	1,587.76	1,431.51	156.26	10.161		
10,900.00	7,321.00	9,477.89	7,102.32	129.72	50.69	-4.49	-5,529.07	-2,271.18	1,687.28	1,530.91	156.37	10.790		
11,000.00	7,321.00	9,476.94	7,102.33	131.05	50.68	-4.83	-5,530.03	-2,271.19	1,786.86	1,630.39	156.47	11.420		
11,100.00	7,321.00	9,475.94	7,102.33	132.41	50.66	-5.19	-5,531.02	-2,271.19	1,886.47	1,729.92	156.56	12.050		
11,200.00	7,321.00	9,474.90	7,102.33	133.81	50.64	-5.56	-5,532.07	-2,271.20	1,986.13	1,829.49	156.64	12.680		
11,300.00	7,321.00	9,473.80	7,102.34	135.25	50.63	-5.95	-5,533.16	-2,271.21	2,085.82	1,929.11	156.71	13.310		
11,400.00	7,321.00	9,472.65	7,102.34	136.72	50.61	-6.36	-5,534.31	-2,271.22	2,185.54	2,028.76	156.78	13.940		
11,500.00	7,321.00	9,471.45	7,102.34	138.22	50.59	-6.79	-5,535.52	-2,271.23	2,285.28	2,128.43	156.84	14.570		
11,600.00	7,321.00	9,470.17	7,102.34	139.76	50.57	-7.24	-5,536.79	-2,271.24	2,385.04	2,228.14	156.90	15.201		
11,700.00	7,321.00	9,468.83	7,102.35	141.34	50.55	-7.71	-5,538.13	-2,271.25	2,484.82	2,327.86	156.96	15.831		
11,800.00	7,321.00	9,467.42	7,102.35	142.94	50.53	-8.21	-5,539.55	-2,271.26	2,584.62	2,427.60	157.02	16.461		
11,900.00	7,321.00	9,465.92	7,102.35	144.58	50.51	-8.73	-5,541.04	-2,271.27	2,684.43	2,527.36	157.07	17.091		
12,000.00	7,321.00	9,464.34	7,102.35	146.25	50.48	-9.29	-5,542.63	-2,271.29	2,784.26	2,627.14	157.12	17.721		
12,100.00	7,321.00	9,462.66	7,102.35	147.95	50.46	-9.87	-5,544.31	-2,271.30	2,884.09	2,726.92	157.17	18.350		
12,200.00	7,321.00	9,460.88	7,102.35	149.67	50.43	-10.49	-5,546.09	-2,271.32	2,983.94	2,826.72	157.22	18.979		
12,300.00	7,321.00	9,458.98	7,102.35	151.43	50.40	-11.15	-5,547.99	-2,271.34	3,083.80	2,926.52	157.27	19.608		
12,400.00	7,321.00	9,456.95	7,102.34	153.22	50.37	-11.85	-5,550.01	-2,271.36	3,183.66	3,026.34	157.32	20.237		
12,500.00	7,321.00	9,454.79	7,102.34	155.04	50.34	-12.59	-5,552.18	-2,271.38	3,283.53	3,126.16	157.37	20.865		
12,600.00	7,321.00	9,452.47	7,102.33	156.88	50.30	-13.38	-5,554.50	-2,271.41	3,383.41	3,225.99	157.42	21.492		
12,700.00	7,321.00	9,449.98	7,102.32	158.75	50.26	-14.22	-5,556.99	-2,271.44	3,483.30	3,325.82	157.48	22.120		
12,800.00	7,321.00	9,447.30	7,102.31	160.65	50.22	-15.12	-5,559.67	-2,271.47	3,583.19	3,425.66	157.53	22.746		
12,900.00	7,321.00	9,445.00	7,102.30	162.57	50.19	-15.88	-5,561.96	-2,271.50	3,683.08	3,525.51	157.58	23.373		
13,000.00	7,321.00	9,443.58	7,102.29	164.51	50.17	-16.35	-5,563.38	-2,271.51	3,782.98	3,625.38	157.61	24.002		
13,100.00	7,321.00	9,442.40	7,102.29	166.48	50.15	-16.74	-5,564.56	-2,271.53	3,882.89	3,725.25	157.64	24.632		
13,200.00	7,321.00	9,441.22	7,102.28	168.48	50.13	-17.13	-5,565.75	-2,271.54	3,982.80	3,825.13	157.67	25.261		
13,300.00	7,321.00	9,440.04	7,102.27	170.49	50.11	-17.51	-5,566.93	-2,271.56	4,082.71	3,925.02	157.69	25.890		
13,400.00	7,321.00	9,438.85	7,102.26	172.52	50.09	-17.90	-5,568.11	-2,271.57	4,182.63	4,024.91	157.72	26.519		
13,500.00	7,321.00	9,437.67	7,102.25	174.58	50.08	-18.28	-5,569.29	-2,271.59	4,282.55	4,124.80	157.75	27.148		
13,600.00	7,321.00	9,436.49	7,102.24	176.66	50.06	-18.66	-5,570.48	-2,271.60	4,382.48	4,224.70	157.78	27.776		
13,700.00	7,321.00	9,435.31	7,102.23	178.75	50.04	-19.04	-5,571.66	-2,271.61	4,482.40	4,324.60	157.80	28.405		
13,800.00	7,321.00	9,434.12	7,102.22	180.87	50.02	-19.42	-5,572.84	-2,271.63	4,582.33	4,424.50	157.83	29.033		
13,900.00	7,321.00	9,432.94	7,102.21	183.00	50.00	-19.79	-5,574.02	-2,271.64	4,682.27	4,524.41	157.86	29.661		
14,000.00	7,321.00	9,431.76	7,102.19	185.15	49.99	-20.16	-5,575.20	-2,271.66	4,782.20	4,624.32	157.89	30.289		
14,100.00	7,321.00	9,430.58	7,102.18	187.32	49.97	-20.53	-5,576.38	-2,271.67	4,882.14	4,724.23	157.91	30.917		
14,200.00	7,321.00	9,429.40	7,102.17	189.50	49.95	-20.90	-5,577.57	-2,271.69	4,982.08	4,824.14	157.94	31.544		
14,300.00	7,321.00	9,428.21	7,102.15	191.70	49.93	-21.27	-5,578.75	-2,271.70	5,082.02	4,924.06	157.97	32.171		
14,400.00	7,321.00	9,427.03	7,102.14	193.92	49.91	-21.64	-5,579.93	-2,271.72	5,181.97	5,023.97	157.99	32.798		
14,500.00	7,321.00	9,425.85	7,102.12	196.15	49.90	-22.00	-5,581.11	-2,271.73	5,281.91	5,123.89	158.02	33.425		
14,600.00	7,321.00	9,424.67	7,102.11	198.39	49.88	-22.36	-5,582.29	-2,271.75	5,381.86	5,223.81	158.05	34.052		
14,700.00	7,321.00	9,423.49	7,102.09	200.65	49.86	-22.72	-5,583.48	-2,271.76	5,481.81	5,323.73	158.08	34.678		
14,800.00	7,321.00	9,422.30	7,102.07	202.92	49.84	-23.08	-5,584.66	-2,271.77	5,581.76	5,423.66	158.10	35.305		
14,900.00	7,321.00	9,421.12	7,102.05	205.20	49.82	-23.43	-5,585.84	-2,271.79	5,681.71	5,523.58	158.13	35.931		
15,000.00	7,321.00	9,419.94	7,102.03	207.50	49.81	-23.78	-5,587.02	-2,271.80	5,781.67	5,623.51	158.16	36.556		
15,100.00	7,321.00	9,418.76	7,102.01	209.80	49.79	-24.13	-5,588.20	-2,271.82	5,881.62	5,723.44	158.18	37.182		
15,200.00	7,321.00	9,417.58	7,101.99	212.12	49.77	-24.48	-5,589.38	-2,271.83	5,981.58	5,823.36	158.21	37.807		
15,300.00	7,321.00	9,416.40	7,101.97	214.45	49.75	-24.83	-5,590.57	-2,271.85	6,081.53	5,923.29	158.24	38.432		
15,400.00	7,321.00	9,415.21	7,101.95	216.79	49.73	-25.17	-5,591.75	-2,271.86	6,181.49	6,023.22	158.27	39.057		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	9,413.00	7,101.91	219.15	49.70	-25.81	-5,593.96	-2,271.89	6,281.45	6,123.15	158.31	39.679		
15,600.00	7,321.00	9,413.00	7,101.91	221.51	49.70	-25.81	-5,593.96	-2,271.89	6,381.41	6,223.09	158.32	40.306		
15,700.00	7,321.00	9,413.00	7,101.91	223.88	49.70	-25.81	-5,593.96	-2,271.89	6,481.37	6,323.04	158.34	40.934		
15,800.00	7,321.00	9,413.00	7,101.91	226.26	49.70	-25.81	-5,593.96	-2,271.89	6,581.34	6,422.98	158.35	41.561		
15,900.00	7,321.00	9,413.00	7,101.91	228.65	49.70	-25.81	-5,593.96	-2,271.89	6,681.30	6,522.93	158.37	42.188		
16,000.00	7,321.00	9,413.00	7,101.91	231.04	49.70	-25.81	-5,593.96	-2,271.89	6,781.27	6,622.88	158.39	42.814		
16,100.00	7,321.00	9,413.00	7,101.91	233.45	49.70	-25.81	-5,593.96	-2,271.89	6,881.23	6,722.83	158.41	43.441		
16,200.00	7,321.00	9,413.00	7,101.91	235.86	49.70	-25.81	-5,593.96	-2,271.89	6,981.20	6,822.78	158.42	44.067		
16,300.00	7,321.00	9,413.00	7,101.91	238.28	49.70	-25.81	-5,593.96	-2,271.89	7,081.17	6,922.73	158.44	44.693		
16,400.00	7,321.00	9,413.00	7,101.91	240.71	49.70	-25.81	-5,593.96	-2,271.89	7,181.14	7,022.68	158.46	45.318		
16,500.00	7,321.00	9,413.00	7,101.91	243.15	49.70	-25.81	-5,593.96	-2,271.89	7,281.11	7,122.63	158.48	45.944		
16,600.00	7,321.00	9,413.00	7,101.91	245.59	49.70	-25.81	-5,593.96	-2,271.89	7,381.08	7,222.58	158.50	46.569		
16,700.00	7,321.00	9,405.43	7,101.76	248.05	49.59	-27.94	-5,601.52	-2,271.98	7,481.04	7,322.45	158.59	47.173		
16,800.00	7,321.00	9,404.80	7,101.74	250.50	49.58	-28.12	-5,602.16	-2,271.99	7,581.01	7,422.40	158.61	47.795		
16,900.00	7,321.00	9,404.18	7,101.73	252.97	49.57	-28.29	-5,602.78	-2,271.99	7,680.98	7,522.34	158.64	48.418		
17,000.00	7,321.00	9,403.56	7,101.72	255.44	49.56	-28.46	-5,603.40	-2,272.00	7,780.96	7,622.29	158.66	49.040		
17,100.00	7,321.00	9,402.95	7,101.70	257.91	49.55	-28.62	-5,604.01	-2,272.01	7,880.93	7,722.24	158.69	49.662		
17,200.00	7,321.00	9,402.35	7,101.69	260.39	49.54	-28.79	-5,604.61	-2,272.01	7,980.90	7,822.19	158.72	50.284		
17,300.00	7,321.00	9,401.75	7,101.68	262.88	49.53	-28.95	-5,605.21	-2,272.02	8,080.88	7,922.14	158.74	50.906		
17,400.00	7,321.00	9,401.16	7,101.66	265.37	49.52	-29.11	-5,605.80	-2,272.03	8,180.85	8,022.08	158.77	51.527		
17,500.00	7,321.00	9,400.58	7,101.65	267.87	49.51	-29.27	-5,606.38	-2,272.03	8,280.83	8,122.03	158.79	52.148		
17,600.00	7,321.00	9,400.00	7,101.64	270.37	49.50	-29.42	-5,606.96	-2,272.04	8,380.80	8,221.98	158.82	52.769		
17,700.00	7,321.00	9,399.43	7,101.63	272.88	49.49	-29.57	-5,607.53	-2,272.05	8,480.78	8,321.93	158.85	53.390		
17,800.00	7,321.00	9,398.87	7,101.61	275.40	49.49	-29.72	-5,608.09	-2,272.05	8,580.75	8,421.88	158.87	54.010		
17,900.00	7,321.00	9,398.31	7,101.60	277.91	49.48	-29.87	-5,608.65	-2,272.06	8,680.73	8,521.83	158.90	54.630		
18,000.00	7,321.00	9,397.76	7,101.59	280.43	49.47	-30.02	-5,609.20	-2,272.06	8,780.71	8,621.78	158.93	55.250		
18,100.00	7,321.00	9,396.65	7,101.56	282.97	49.45	-64.86	-5,610.31	-2,272.08	8,880.66	8,721.71	158.96	55.869		
18,200.00	7,321.00	9,393.86	7,101.49	285.53	49.41	-76.25	-5,613.09	-2,272.11	8,980.49	8,821.50	158.98	56.487		
18,300.00	7,321.00	9,389.40	7,101.38	288.11	49.34	-80.64	-5,617.56	-2,272.15	9,080.06	8,921.04	159.02	57.102		
18,400.00	7,321.00	9,381.00	7,101.16	290.70	49.21	-82.94	-5,625.95	-2,272.23	9,179.26	9,020.20	159.07	57.707		
18,500.00	7,321.00	9,370.18	7,100.84	293.30	49.05	-84.34	-5,636.76	-2,272.32	9,277.98	9,118.85	159.13	58.304		
18,600.00	7,321.00	9,352.77	7,100.28	295.90	48.79	-84.53	-5,654.17	-2,272.48	9,376.34	9,217.10	159.24	58.881		
18,700.00	7,321.00	9,349.00	7,100.15	298.50	48.73	-84.54	-5,657.93	-2,272.51	9,474.70	9,315.46	159.24	59.500		
18,800.00	7,321.00	9,349.00	7,100.15	301.11	48.73	-84.54	-5,657.93	-2,272.51	9,573.09	9,413.89	159.20	60.132		
18,900.00	7,321.00	9,349.00	7,100.15	303.72	48.73	-84.54	-5,657.93	-2,272.51	9,671.52	9,512.35	159.17	60.763		
19,000.00	7,321.00	9,349.00	7,100.15	306.32	48.73	-84.54	-5,657.93	-2,272.51	9,769.98	9,610.85	159.13	61.395		
19,100.00	7,321.00	9,334.64	7,099.64	308.93	48.51	-84.56	-5,672.28	-2,272.59	9,868.41	9,709.18	159.22	61.978		
19,200.00	7,321.00	9,331.78	7,099.53	311.54	48.47	-84.57	-5,675.14	-2,272.59	9,966.90	9,807.68	159.22	62.600		
19,300.00	7,321.00	9,318.00	7,099.02	314.16	48.26	-84.60	-5,688.91	-2,272.54	10,065.45	9,906.15	159.30	63.184		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
100.00	100.00	11,954.00	7,297.28	0.27	92.31	-152.17	-2,858.64	-1,508.79	7,914.45	7,870.13	44.32	178.580		
200.00	200.00	11,954.00	7,297.28	0.63	92.31	-152.17	-2,858.64	-1,508.79	7,823.27	7,778.88	44.39	176.244		
300.00	300.00	11,954.00	7,297.28	0.99	92.31	-152.17	-2,858.64	-1,508.79	7,732.32	7,687.84	44.48	173.854		
400.00	400.00	11,954.00	7,297.28	1.34	92.31	-152.17	-2,858.64	-1,508.79	7,641.59	7,597.01	44.58	171.410		
500.00	499.98	11,954.00	7,297.28	1.69	92.31	0.34	-2,858.64	-1,508.79	7,550.37	7,505.65	44.71	168.866		
600.00	599.84	11,954.00	7,297.28	2.03	92.31	0.37	-2,858.64	-1,508.79	7,457.97	7,413.11	44.86	166.239		
700.00	699.45	11,954.00	7,297.28	2.38	92.31	0.41	-2,858.64	-1,508.79	7,364.47	7,319.45	45.02	163.597		
800.00	798.70	11,954.00	7,297.28	2.75	92.31	0.45	-2,858.64	-1,508.79	7,269.94	7,224.77	45.17	160.950		
900.00	897.47	11,954.00	7,297.28	3.15	92.31	0.50	-2,858.64	-1,508.79	7,174.45	7,129.13	45.32	158.308		
1,000.00	995.62	11,954.00	7,297.28	3.57	92.31	0.57	-2,858.64	-1,508.79	7,078.09	7,032.62	45.47	155.676		
1,100.00	1,093.06	11,954.00	7,297.28	4.03	92.31	0.66	-2,858.64	-1,508.79	6,980.94	6,935.33	45.61	153.062		
1,200.00	1,189.64	11,954.00	7,297.28	4.53	92.31	0.78	-2,858.64	-1,508.79	6,883.09	6,837.34	45.74	150.470		
1,300.00	1,285.27	11,954.00	7,297.28	5.08	92.31	0.95	-2,858.64	-1,508.79	6,784.62	6,738.75	45.87	147.906		
1,400.00	1,379.82	11,954.00	7,297.28	5.66	92.31	1.21	-2,858.64	-1,508.79	6,685.65	6,639.66	45.99	145.374		
1,500.00	1,473.17	11,954.00	7,297.28	6.30	92.31	1.67	-2,858.64	-1,508.79	6,586.25	6,540.15	46.10	142.878		
1,600.00	1,565.21	11,954.00	7,297.28	6.98	92.31	2.65	-2,858.64	-1,508.79	6,486.55	6,440.35	46.19	140.420		
1,700.00	1,655.84	11,954.00	7,297.28	7.72	92.31	6.36	-2,858.64	-1,508.79	6,386.64	6,340.36	46.28	138.004		
1,800.00	1,744.94	11,954.00	7,297.28	8.51	92.31	163.85	-2,858.64	-1,508.79	6,286.65	6,240.30	46.35	135.631		
1,900.00	1,832.39	11,954.00	7,297.28	9.35	92.31	176.35	-2,858.64	-1,508.79	6,186.69	6,140.28	46.41	133.304		
2,000.00	1,918.11	11,954.00	7,297.28	10.25	92.31	177.93	-2,858.64	-1,508.79	6,086.90	6,040.44	46.46	131.024		
2,100.00	2,001.97	11,954.00	7,297.28	11.19	92.31	178.55	-2,858.64	-1,508.79	5,987.40	5,940.91	46.49	128.790		
2,200.00	2,083.88	11,954.00	7,297.28	12.20	92.31	178.88	-2,858.64	-1,508.79	5,888.33	5,841.82	46.51	126.600		
2,300.00	2,163.74	11,954.00	7,297.28	13.25	92.31	179.08	-2,858.64	-1,508.79	5,789.84	5,743.32	46.52	124.453		
2,400.00	2,241.45	11,954.00	7,297.28	14.35	92.31	179.22	-2,858.64	-1,508.79	5,692.08	5,645.56	46.53	122.345		
2,500.00	2,316.92	11,954.00	7,297.28	15.51	92.31	179.32	-2,858.64	-1,508.79	5,595.22	5,548.69	46.52	120.268		
2,600.00	2,390.05	11,954.00	7,297.28	16.71	92.31	179.39	-2,858.64	-1,508.79	5,499.41	5,452.89	46.52	118.216		
2,700.00	2,460.76	11,954.00	7,297.28	17.96	92.31	179.45	-2,858.64	-1,508.79	5,404.85	5,358.33	46.52	116.178		
2,800.00	2,528.98	11,954.00	7,297.28	19.26	92.31	179.49	-2,858.64	-1,508.79	5,311.69	5,265.16	46.53	114.157		
2,900.00	2,596.24	11,954.00	7,297.28	20.59	92.31	179.49	-2,858.64	-1,508.79	5,219.28	5,172.70	46.58	112.052		
3,000.00	2,663.50	11,954.00	7,297.28	21.92	92.31	179.49	-2,858.64	-1,508.79	5,127.16	5,080.50	46.65	109.903		
3,100.00	2,730.76	11,954.00	7,297.28	23.25	92.31	179.49	-2,858.64	-1,508.79	5,035.33	4,988.58	46.75	107.712		
3,200.00	2,798.02	11,954.00	7,297.28	24.60	92.31	179.49	-2,858.64	-1,508.79	4,943.82	4,896.95	46.87	105.485		
3,300.00	2,865.28	11,954.00	7,297.28	25.94	92.31	179.49	-2,858.64	-1,508.79	4,852.65	4,805.64	47.01	103.225		
3,400.00	2,932.54	11,954.00	7,297.28	27.30	92.31	179.49	-2,858.64	-1,508.79	4,761.83	4,714.65	47.18	100.938		
3,500.00	2,999.80	11,954.00	7,297.28	28.65	92.31	179.49	-2,858.64	-1,508.79	4,671.39	4,624.02	47.36	98.627		
3,600.00	3,067.06	11,954.00	7,297.28	30.01	92.31	179.49	-2,858.64	-1,508.79	4,581.34	4,533.77	47.57	96.298		
3,700.00	3,134.32	11,954.00	7,297.28	31.37	92.31	179.49	-2,858.64	-1,508.79	4,491.72	4,443.91	47.81	93.956		
3,800.00	3,201.59	11,954.00	7,297.28	32.73	92.31	179.49	-2,858.64	-1,508.79	4,402.54	4,354.48	48.06	91.603		
3,900.00	3,268.85	11,954.00	7,297.28	34.09	92.31	179.49	-2,858.64	-1,508.79	4,313.83	4,265.50	48.34	89.244		
4,000.00	3,336.11	11,954.00	7,297.28	35.46	92.31	179.49	-2,858.64	-1,508.79	4,225.63	4,177.00	48.64	86.882		
4,100.00	3,403.37	11,954.00	7,297.28	36.83	92.31	179.49	-2,858.64	-1,508.79	4,137.97	4,089.01	48.96	84.521		
4,200.00	3,470.63	11,954.00	7,297.28	38.20	92.31	179.49	-2,858.64	-1,508.79	4,050.88	4,001.58	49.30	82.164		
4,300.00	3,537.89	11,954.00	7,297.28	39.57	92.31	179.49	-2,858.64	-1,508.79	3,964.40	3,914.73	49.67	79.813		
4,400.00	3,605.15	11,954.00	7,297.28	40.94	92.31	179.49	-2,858.64	-1,508.79	3,878.57	3,828.50	50.06	77.472		
4,500.00	3,672.41	11,954.00	7,297.28	42.31	92.31	179.49	-2,858.64	-1,508.79	3,793.43	3,742.95	50.48	75.143		
4,600.00	3,739.67	11,954.00	7,297.28	43.68	92.31	179.49	-2,858.64	-1,508.79	3,709.03	3,658.11	50.93	72.829		
4,700.00	3,806.93	11,954.00	7,297.28	45.06	92.31	179.49	-2,858.64	-1,508.79	3,625.43	3,574.03	51.40	70.532		
4,800.00	3,874.19	11,954.00	7,297.28	46.43	92.31	179.49	-2,858.64	-1,508.79	3,542.68	3,490.78	51.90	68.255		
4,900.00	3,941.46	11,954.00	7,297.28	47.81	92.31	179.49	-2,858.64	-1,508.79	3,460.84	3,408.40	52.44	66.000		
5,000.00	4,008.72	11,954.00	7,297.28	49.18	92.31	179.49	-2,858.64	-1,508.79	3,379.98	3,326.97	53.00	63.769		
5,100.00	4,075.98	11,954.00	7,297.28	50.56	92.31	179.49	-2,858.64	-1,508.79	3,300.16	3,246.56	53.60	61.564		
5,200.00	4,143.24	11,954.00	7,297.28	51.94	92.31	179.49	-2,858.64	-1,508.79	3,221.47	3,167.23	54.24	59.390		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,210.50	11,954.00	7,297.28	53.31	92.31	179.49	-2,858.64	-1,508.79	3,144.00	3,089.08	54.92	57.247		
5,400.00	4,277.76	11,954.00	7,297.28	54.69	92.31	179.49	-2,858.64	-1,508.79	3,067.82	3,012.18	55.64	55.138		
5,500.00	4,345.02	11,954.00	7,297.28	56.07	92.31	179.49	-2,858.64	-1,508.79	2,993.05	2,936.65	56.40	53.067		
5,600.00	4,412.28	11,954.00	7,297.28	57.45	92.31	179.49	-2,858.64	-1,508.79	2,919.79	2,862.58	57.21	51.036		
5,700.00	4,479.54	11,954.00	7,297.28	58.83	92.31	179.49	-2,858.64	-1,508.79	2,848.16	2,790.09	58.07	49.048		
5,800.00	4,546.80	11,954.00	7,297.28	60.21	92.31	179.49	-2,858.64	-1,508.79	2,778.28	2,719.30	58.98	47.105		
5,900.00	4,614.07	11,954.00	7,297.28	61.59	92.31	179.49	-2,858.64	-1,508.79	2,710.29	2,650.34	59.95	45.212		
6,000.00	4,681.33	11,899.31	7,297.85	62.97	91.37	-179.79	-2,913.33	-1,508.98	2,643.77	2,583.53	60.24	43.889		
6,100.00	4,748.59	11,850.98	7,298.57	64.35	90.55	-179.14	-2,961.65	-1,509.18	2,578.00	2,517.32	60.68	42.485		
6,200.00	4,815.85	11,738.68	7,300.03	65.73	88.64	-177.55	-3,073.94	-1,510.08	2,512.79	2,452.44	60.35	41.640		
6,300.00	4,883.11	11,684.80	7,300.10	67.11	87.73	-176.79	-3,127.79	-1,511.57	2,447.08	2,386.22	60.86	40.209		
6,400.00	4,950.37	11,600.95	7,300.23	68.49	86.32	-175.57	-3,211.56	-1,515.31	2,381.79	2,320.75	61.05	39.017		
6,500.00	5,017.63	11,566.98	7,300.41	69.87	85.75	-175.07	-3,245.49	-1,516.87	2,317.34	2,255.35	61.99	37.381		
6,600.00	5,084.89	11,489.62	7,301.84	71.25	84.46	-173.88	-3,322.75	-1,520.64	2,254.35	2,191.89	62.46	36.093		
6,700.00	5,152.15	11,383.51	7,301.90	72.63	82.69	-172.13	-3,428.74	-1,525.49	2,190.72	2,128.03	62.69	34.947		
6,800.00	5,219.41	11,264.00	7,299.33	74.02	80.69	-170.01	-3,548.10	-1,530.83	2,126.27	2,063.36	62.91	33.798		
6,900.00	5,286.67	11,220.56	7,298.01	75.40	79.97	-169.19	-3,591.48	-1,532.77	2,062.11	1,997.87	64.24	32.100		
7,000.00	5,353.94	11,173.89	7,297.26	76.78	79.20	-168.28	-3,638.10	-1,534.74	1,999.64	1,933.95	65.69	30.442		
7,100.00	5,421.20	11,137.00	7,297.11	78.16	78.58	-167.54	-3,674.96	-1,536.04	1,938.88	1,871.46	67.42	28.759		
7,200.00	5,488.46	11,106.85	7,297.47	79.55	78.08	-166.91	-3,705.10	-1,536.75	1,880.30	1,810.89	69.41	27.091		
7,300.00	5,555.72	11,018.64	7,298.38	80.93	76.60	-164.97	-3,793.30	-1,537.65	1,823.12	1,752.08	71.04	25.662		
7,400.00	5,622.98	10,941.06	7,298.53	82.31	75.31	-163.16	-3,870.88	-1,538.11	1,766.80	1,693.74	73.06	24.182		
7,500.00	5,690.24	10,870.70	7,297.85	83.69	74.13	-161.42	-3,941.24	-1,538.17	1,711.24	1,635.80	75.44	22.684		
7,600.00	5,757.50	10,824.72	7,297.51	85.08	73.36	-160.23	-3,987.21	-1,537.65	1,657.71	1,579.44	78.27	21.180		
7,700.00	5,824.76	10,772.40	7,297.72	86.46	72.49	-158.85	-4,039.52	-1,537.01	1,606.71	1,525.41	81.30	19.762		
7,800.00	5,892.02	10,702.33	7,297.74	87.84	71.32	-156.89	-4,109.57	-1,535.12	1,557.89	1,473.29	84.60	18.415		
7,900.00	5,959.28	10,647.28	7,297.37	89.23	70.40	-155.29	-4,164.59	-1,533.22	1,511.17	1,422.92	88.24	17.125		
8,000.00	6,026.55	10,592.82	7,297.87	90.61	69.49	-153.68	-4,219.01	-1,531.25	1,467.86	1,375.74	92.13	15.933		
8,100.00	6,093.81	10,499.85	7,298.16	91.99	67.94	-150.86	-4,311.96	-1,529.58	1,426.31	1,330.09	96.23	14.823		
8,200.00	6,161.07	10,438.00	7,297.85	93.38	66.92	-148.92	-4,373.80	-1,528.72	1,387.19	1,286.61	100.57	13.793		
8,300.00	6,228.33	10,387.05	7,298.11	94.76	66.08	-147.28	-4,424.73	-1,527.52	1,352.04	1,246.97	105.07	12.868		
8,400.00	6,295.59	10,318.51	7,297.99	96.14	64.95	-145.01	-4,493.23	-1,525.26	1,320.43	1,210.61	109.82	12.023		
8,500.00	6,362.85	10,253.46	7,297.17	97.53	63.88	-142.78	-4,558.24	-1,522.96	1,292.16	1,177.48	114.68	11.267		
8,600.00	6,430.11	10,217.00	7,297.08	98.91	63.28	-141.52	-4,594.67	-1,521.38	1,268.84	1,149.57	119.27	10.638		
8,700.00	6,497.37	10,142.48	7,298.02	100.29	62.06	-138.92	-4,669.10	-1,517.99	1,250.55	1,126.47	124.08	10.078		
8,800.00	6,564.63	10,075.36	7,298.04	101.68	60.96	-136.54	-4,736.17	-1,515.27	1,235.90	1,107.19	128.70	9.603		
8,900.00	6,631.89	10,020.25	7,298.34	103.06	60.06	-134.58	-4,791.23	-1,512.91	1,226.20	1,093.29	132.91	9.226		
9,000.00	6,699.15	9,931.11	7,298.71	104.45	58.62	-131.39	-4,880.28	-1,509.23	1,221.17	1,083.90	137.27	8.896		
9,059.11	6,738.91	9,907.11	7,298.49	105.27	58.23	-130.52	-4,904.27	-1,508.27	1,220.10	1,080.82	139.28	8.760 CC		
9,100.00	6,766.42	9,885.61	7,298.14	105.83	57.88	-129.73	-4,925.74	-1,507.11	1,220.59	1,079.92	140.66	8.677 ES		
9,200.00	6,833.68	9,822.16	7,296.88	107.22	56.86	-127.40	-4,989.07	-1,503.76	1,225.14	1,081.25	143.89	8.514		
9,300.00	6,900.94	9,754.76	7,296.79	108.60	55.78	-124.98	-5,056.39	-1,500.49	1,234.79	1,088.13	146.66	8.419		
9,400.00	6,968.20	9,695.54	7,297.54	109.98	54.83	-122.90	-5,115.56	-1,498.00	1,248.97	1,100.20	148.77	8.395 SF		
9,500.00	7,035.46	9,614.00	7,297.78	111.37	53.54	-120.04	-5,197.01	-1,494.25	1,267.77	1,116.96	150.81	8.406		
9,600.00	7,101.31	9,551.00	7,297.53	112.79	52.55	-124.33	-5,259.96	-1,491.64	1,295.24	1,143.14	152.11	8.515		
9,700.00	7,161.49	9,504.43	7,297.42	114.30	51.82	-129.94	-5,306.49	-1,489.86	1,341.88	1,189.09	152.79	8.783		
9,800.00	7,214.06	9,455.53	7,297.94	115.85	51.06	-134.07	-5,355.35	-1,487.99	1,405.92	1,252.62	153.30	9.171		
9,900.00	7,257.41	9,412.46	7,298.12	117.39	50.39	-137.12	-5,398.39	-1,486.38	1,483.99	1,330.37	153.62	9.660		
10,000.00	7,290.24	9,392.85	7,298.08	118.87	50.09	-140.72	-5,417.99	-1,485.59	1,572.77	1,419.20	153.58	10.241		
10,100.00	7,311.53	9,361.52	7,297.90	120.23	49.61	-143.87	-5,449.29	-1,484.35	1,668.52	1,514.67	153.86	10.845		
10,200.00	7,320.66	9,356.32	7,297.85	121.43	49.53	-168.66	-5,454.48	-1,484.17	1,767.78	1,613.92	153.86	11.490		
10,300.00	7,321.00	9,359.19	7,297.87	122.51	49.57	93.43	-5,451.62	-1,484.27	1,867.72	1,713.87	153.85	12.140		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	9,364.27	7,297.92	123.62	49.65	93.22	-5,446.54	-1,484.45	1,967.66	1,813.84	153.82	12.792		
10,500.00	7,321.00	9,372.77	7,297.98	124.77	49.78	92.91	-5,438.05	-1,484.76	2,067.59	1,913.84	153.75	13.448		
10,600.00	7,321.00	9,382.49	7,298.04	125.95	49.93	92.63	-5,428.33	-1,485.15	2,167.52	2,013.86	153.66	14.106		
10,700.00	7,321.00	9,393.73	7,298.09	127.17	50.10	92.36	-5,417.11	-1,485.63	2,267.43	2,113.87	153.56	14.766		
10,800.00	7,321.00	9,386.61	7,298.05	128.43	49.99	92.52	-5,424.22	-1,485.34	2,367.33	2,213.64	153.70	15.403		
10,900.00	7,321.00	9,390.50	7,298.07	129.72	50.05	92.43	-5,420.33	-1,485.49	2,467.26	2,313.57	153.69	16.053		
11,000.00	7,321.00	9,400.00	7,298.10	131.05	50.20	92.23	-5,410.84	-1,485.89	2,567.16	2,413.54	153.62	16.711		
11,100.00	7,321.00	9,402.38	7,298.11	132.41	50.24	92.18	-5,408.46	-1,485.99	2,667.08	2,513.45	153.63	17.360		
11,200.00	7,321.00	9,404.69	7,298.11	133.81	50.27	92.14	-5,406.16	-1,486.08	2,767.00	2,613.35	153.65	18.009		
11,300.00	7,321.00	9,406.92	7,298.11	135.25	50.31	92.10	-5,403.93	-1,486.17	2,866.92	2,713.26	153.66	18.657		
11,400.00	7,321.00	9,409.09	7,298.12	136.72	50.34	92.06	-5,401.76	-1,486.26	2,966.84	2,813.17	153.68	19.306		
11,500.00	7,321.00	9,411.19	7,298.12	138.22	50.37	92.02	-5,399.66	-1,486.34	3,066.77	2,913.08	153.69	19.954		
11,600.00	7,321.00	9,413.23	7,298.12	139.76	50.40	91.99	-5,397.62	-1,486.41	3,166.70	3,012.99	153.71	20.602		
11,700.00	7,321.00	9,415.22	7,298.12	141.34	50.43	91.95	-5,395.64	-1,486.49	3,266.63	3,112.91	153.72	21.250		
11,800.00	7,321.00	9,424.00	7,298.11	142.94	50.57	91.82	-5,386.86	-1,486.81	3,366.58	3,212.91	153.67	21.908		
11,900.00	7,321.00	9,424.00	7,298.11	144.58	50.57	91.82	-5,386.86	-1,486.81	3,466.50	3,312.80	153.70	22.553		
12,000.00	7,321.00	9,424.00	7,298.11	146.25	50.57	91.82	-5,386.86	-1,486.81	3,566.44	3,412.70	153.74	23.198		
12,100.00	7,321.00	9,424.00	7,298.11	147.95	50.57	91.82	-5,386.86	-1,486.81	3,666.37	3,512.60	153.77	23.843		
12,200.00	7,321.00	9,425.73	7,298.10	149.67	50.60	91.79	-5,385.13	-1,486.87	3,766.31	3,612.52	153.79	24.490		
12,300.00	7,321.00	9,435.23	7,298.07	151.43	50.74	91.66	-5,375.64	-1,487.21	3,866.25	3,712.51	153.73	25.149		
12,400.00	7,321.00	9,445.62	7,298.02	153.22	50.90	91.52	-5,365.26	-1,487.60	3,966.18	3,812.50	153.67	25.809		
12,500.00	7,321.00	9,457.02	7,297.93	155.04	51.08	91.39	-5,353.86	-1,488.04	4,066.10	3,912.50	153.60	26.471		
12,600.00	7,321.00	9,449.40	7,297.98	156.88	50.96	91.47	-5,361.48	-1,487.76	4,166.02	4,012.31	153.71	27.104		
12,700.00	7,321.00	9,461.66	7,297.89	158.75	51.15	91.33	-5,349.22	-1,488.23	4,265.95	4,112.31	153.63	27.767		
12,800.00	7,321.00	9,464.32	7,297.86	160.65	51.20	91.30	-5,346.57	-1,488.33	4,365.87	4,212.23	153.64	28.415		
12,900.00	7,321.00	9,466.93	7,297.84	162.57	51.24	91.28	-5,343.96	-1,488.44	4,465.79	4,312.14	153.66	29.064		
13,000.00	7,321.00	9,469.51	7,297.81	164.51	51.28	91.25	-5,341.39	-1,488.54	4,565.72	4,412.05	153.67	29.712		
13,100.00	7,321.00	9,472.04	7,297.78	166.48	51.32	91.22	-5,338.85	-1,488.63	4,665.65	4,511.97	153.68	30.359		
13,200.00	7,321.00	9,474.55	7,297.75	168.48	51.35	91.19	-5,336.35	-1,488.73	4,765.58	4,611.88	153.69	31.007		
13,300.00	7,321.00	9,477.01	7,297.72	170.49	51.39	91.17	-5,333.89	-1,488.82	4,865.51	4,711.80	153.71	31.655		
13,400.00	7,321.00	9,479.45	7,297.69	172.52	51.43	91.14	-5,331.46	-1,488.91	4,965.44	4,811.72	153.72	32.302		
13,500.00	7,321.00	9,481.84	7,297.66	174.58	51.47	91.12	-5,329.06	-1,489.00	5,065.37	4,911.63	153.73	32.949		
13,600.00	7,321.00	9,488.00	7,297.58	176.66	51.56	91.06	-5,322.91	-1,489.23	5,165.30	5,011.58	153.72	33.602		
13,700.00	7,321.00	9,504.05	7,297.48	178.75	51.81	90.95	-5,306.87	-1,489.87	5,265.21	5,111.58	153.63	34.272		
13,800.00	7,321.00	9,508.03	7,297.46	180.87	51.88	90.93	-5,302.90	-1,490.03	5,365.13	5,211.49	153.64	34.921		
13,900.00	7,321.00	9,512.01	7,297.43	183.00	51.94	90.90	-5,298.92	-1,490.19	5,465.05	5,311.41	153.64	35.571		
14,000.00	7,321.00	9,515.98	7,297.41	185.15	52.00	90.88	-5,294.95	-1,490.35	5,564.97	5,411.33	153.64	36.220		
14,100.00	7,321.00	9,519.00	7,297.39	187.32	52.05	90.87	-5,291.93	-1,490.47	5,664.89	5,511.24	153.66	36.867		
14,200.00	7,321.00	9,519.00	7,297.39	189.50	52.05	90.87	-5,291.93	-1,490.47	5,764.81	5,611.13	153.69	37.510		
14,300.00	7,321.00	9,519.00	7,297.39	191.70	52.05	90.87	-5,291.93	-1,490.47	5,864.74	5,711.02	153.72	38.152		
14,400.00	7,321.00	9,519.00	7,297.39	193.92	52.05	90.87	-5,291.93	-1,490.47	5,964.67	5,810.91	153.75	38.794		
14,500.00	7,321.00	9,519.00	7,297.39	196.15	52.05	90.87	-5,291.93	-1,490.47	6,064.60	5,910.81	153.79	39.435		
14,600.00	7,321.00	9,519.00	7,297.39	198.39	52.05	90.87	-5,291.93	-1,490.47	6,164.53	6,010.71	153.82	40.077		
14,700.00	7,321.00	9,531.50	7,297.42	200.65	52.24	90.83	-5,279.45	-1,490.98	6,264.42	6,110.65	153.77	40.739		
14,800.00	7,321.00	9,532.50	7,297.43	202.92	52.26	90.83	-5,278.45	-1,491.02	6,364.35	6,210.55	153.79	41.382		
14,900.00	7,321.00	9,533.47	7,297.43	205.20	52.27	90.82	-5,277.47	-1,491.06	6,464.28	6,310.46	153.82	42.025		
15,000.00	7,321.00	9,534.43	7,297.43	207.50	52.29	90.82	-5,276.52	-1,491.09	6,564.21	6,410.37	153.85	42.667		
15,100.00	7,321.00	9,535.37	7,297.44	209.80	52.30	90.82	-5,275.58	-1,491.13	6,664.15	6,510.27	153.87	43.310		
15,200.00	7,321.00	9,569.57	7,297.62	212.12	52.84	90.76	-5,241.41	-1,492.40	6,764.12	6,610.43	153.69	44.011		
15,300.00	7,321.00	9,573.63	7,297.65	214.45	52.90	90.75	-5,237.34	-1,492.57	6,864.04	6,710.33	153.70	44.658		
15,400.00	7,321.00	9,595.92	7,297.74	216.79	53.25	90.71	-5,215.08	-1,493.57	6,963.89	6,810.28	153.60	45.337		
15,500.00	7,321.00	9,596.67	7,297.74	219.15	53.27	90.71	-5,214.33	-1,493.61	7,063.79	6,910.16	153.63	45.978		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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 1L-421 - Wellbore #1 - Wellbore #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 125-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	7,321.00	9,597.40	7,297.74	221.51	53.28	90.71	-5,213.60	-1,493.64	7,163.70	7,010.04	153.66	46.619	
15,700.00	7,321.00	9,598.12	7,297.74	223.88	53.29	90.71	-5,212.88	-1,493.67	7,263.62	7,109.92	153.70	47.260	
15,800.00	7,321.00	9,598.82	7,297.74	226.26	53.30	90.71	-5,212.19	-1,493.70	7,363.53	7,209.80	153.73	47.900	
15,900.00	7,321.00	9,599.50	7,297.75	228.65	53.31	90.70	-5,211.50	-1,493.73	7,463.45	7,309.69	153.76	48.540	
16,000.00	7,321.00	9,600.17	7,297.75	231.04	53.32	90.70	-5,210.83	-1,493.75	7,563.36	7,409.57	153.79	49.180	
16,100.00	7,321.00	9,605.58	7,297.68	233.45	54.36	90.57	-5,145.49	-1,496.62	7,663.32	7,509.85	153.46	49.935	
16,200.00	7,321.00	9,667.13	7,297.67	235.86	54.38	90.57	-5,143.94	-1,496.70	7,763.20	7,609.71	153.49	50.576	
16,300.00	7,321.00	9,678.00	7,297.64	238.28	54.55	90.54	-5,133.08	-1,497.21	7,863.11	7,709.63	153.48	51.234	
16,400.00	7,321.00	9,678.00	7,297.64	240.71	54.55	90.54	-5,133.08	-1,497.21	7,962.99	7,809.48	153.51	51.872	
16,500.00	7,321.00	9,678.00	7,297.64	243.15	54.55	90.54	-5,133.08	-1,497.21	8,062.87	7,909.32	153.55	52.509	
16,600.00	7,321.00	9,678.00	7,297.64	245.59	54.55	90.54	-5,133.08	-1,497.21	8,162.76	8,009.17	153.59	53.146	
16,700.00	7,321.00	9,678.00	7,297.64	248.05	54.55	90.54	-5,133.08	-1,497.21	8,262.65	8,109.03	153.63	53.783	
16,800.00	7,321.00	9,678.00	7,297.64	250.50	54.55	90.54	-5,133.08	-1,497.21	8,362.55	8,208.88	153.67	54.420	
16,900.00	7,321.00	9,678.00	7,297.64	252.97	54.55	90.54	-5,133.08	-1,497.21	8,462.44	8,308.74	153.70	55.057	
17,000.00	7,321.00	9,680.11	7,297.63	255.44	54.59	90.54	-5,130.97	-1,497.30	8,562.34	8,408.61	153.73	55.697	
17,100.00	7,321.00	9,684.62	7,297.61	257.91	54.66	90.53	-5,126.47	-1,497.51	8,662.24	8,508.49	153.75	56.341	
17,200.00	7,321.00	9,689.12	7,297.58	260.39	54.73	90.52	-5,121.97	-1,497.71	8,762.14	8,608.38	153.76	56.984	
17,300.00	7,321.00	9,693.62	7,297.55	262.88	54.80	90.51	-5,117.47	-1,497.92	8,862.04	8,708.26	153.78	57.628	
17,400.00	7,321.00	9,698.13	7,297.52	265.37	54.87	90.50	-5,112.98	-1,498.12	8,961.94	8,808.14	153.80	58.271	
17,500.00	7,321.00	9,702.63	7,297.48	267.87	54.94	90.49	-5,108.48	-1,498.32	9,061.84	8,908.02	153.82	58.914	
17,600.00	7,321.00	9,707.13	7,297.44	270.37	55.02	90.48	-5,103.98	-1,498.53	9,161.73	9,007.90	153.83	59.556	
17,700.00	7,321.00	9,709.00	7,297.42	272.88	55.05	90.47	-5,102.11	-1,498.61	9,261.63	9,107.77	153.86	60.194	
17,800.00	7,321.00	9,709.00	7,297.42	275.40	55.05	90.47	-5,102.11	-1,498.61	9,361.53	9,207.63	153.90	60.828	
17,900.00	7,321.00	9,709.00	7,297.42	277.91	55.05	90.47	-5,102.11	-1,498.61	9,461.44	9,307.50	153.94	61.462	
18,000.00	7,321.00	9,709.00	7,297.42	280.43	55.05	90.47	-5,102.11	-1,498.61	9,561.34	9,407.36	153.98	62.095	
18,100.00	7,321.00	9,709.00	7,297.42	282.97	55.05	91.36	-5,102.11	-1,498.61	9,661.29	9,507.27	154.02	62.729	
18,200.00	7,321.00	9,709.00	7,297.42	285.53	55.05	-91.01	-5,102.11	-1,498.61	9,761.28	9,607.24	154.04	63.367	
18,300.00	7,321.00	9,709.00	7,297.42	288.11	55.05	-90.36	-5,102.11	-1,498.61	9,861.21	9,707.14	154.07	64.006	
18,400.00	7,321.00	9,709.00	7,297.42	290.70	55.05	-90.22	-5,102.11	-1,498.61	9,960.95	9,806.86	154.08	64.646	
18,500.00	7,321.00	9,707.38	7,297.44	293.30	55.02	-90.16	-5,103.73	-1,498.54	10,060.38	9,906.28	154.10	65.284	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	-165.42	-2,861.50	-744.27	7,743.06					
100.00	100.00	11,813.00	7,128.31	0.27	92.16	-165.42	-2,861.50	-744.27	7,650.73	7,608.88	41.85	182.833		
200.00	200.00	11,813.00	7,128.31	0.63	92.16	-165.42	-2,861.50	-744.27	7,558.60	7,516.75	41.84	180.645		
300.00	300.00	11,813.00	7,128.31	0.99	92.16	-165.42	-2,861.50	-744.27	7,466.67	7,424.81	41.85	178.404		
400.00	400.00	11,813.00	7,128.31	1.34	92.16	-165.42	-2,861.50	-744.27	7,374.95	7,333.07	41.88	176.111		
500.00	499.98	11,813.00	7,128.31	1.69	92.16	-14.04	-2,861.50	-744.27	7,282.78	7,240.85	41.93	173.709		
600.00	599.84	11,813.00	7,128.31	2.03	92.16	-15.35	-2,861.50	-744.27	7,189.53	7,147.53	41.99	171.208		
700.00	699.45	11,813.00	7,128.31	2.38	92.16	-16.92	-2,861.50	-744.27	7,095.28	7,053.21	42.06	168.677		
800.00	798.70	11,813.00	7,128.31	2.75	92.16	-18.82	-2,861.50	-744.27	7,000.10	6,957.96	42.14	166.125		
900.00	897.47	11,813.00	7,128.31	3.15	92.16	-21.17	-2,861.50	-744.27	6,904.08	6,861.87	42.21	163.561		
1,000.00	995.62	11,813.00	7,128.31	3.57	92.16	-24.13	-2,861.50	-744.27	6,807.30	6,765.01	42.28	160.990		
1,100.00	1,093.06	11,813.00	7,128.31	4.03	92.16	-27.95	-2,861.50	-744.27	6,709.84	6,667.49	42.36	158.418		
1,200.00	1,189.64	11,813.00	7,128.31	4.53	92.16	-33.00	-2,861.50	-744.27	6,611.80	6,569.38	42.42	155.850		
1,300.00	1,285.27	11,813.00	7,128.31	5.08	92.16	-39.84	-2,861.50	-744.27	6,513.28	6,470.79	42.49	153.289		
1,400.00	1,379.82	11,813.00	7,128.31	5.66	92.16	-49.26	-2,861.50	-744.27	6,414.37	6,371.82	42.55	150.739		
1,500.00	1,473.17	11,813.00	7,128.31	6.30	92.16	-62.15	-2,861.50	-744.27	6,315.18	6,272.57	42.61	148.201		
1,600.00	1,565.21	11,813.00	7,128.31	6.98	92.16	-78.70	-2,861.50	-744.27	6,215.82	6,173.15	42.67	145.678		
1,700.00	1,655.84	11,813.00	7,128.31	7.72	92.16	-97.04	-2,861.50	-744.27	6,116.40	6,073.68	42.72	143.169		
1,800.00	1,744.94	11,813.00	7,128.31	8.51	92.16	-113.82	-2,861.50	-744.27	6,017.05	5,974.28	42.77	140.675		
1,900.00	1,832.39	11,813.00	7,128.31	9.35	92.16	-127.01	-2,861.50	-744.27	5,917.89	5,875.07	42.82	138.194		
2,000.00	1,918.11	11,813.00	7,128.31	10.25	92.16	-136.66	-2,861.50	-744.27	5,819.06	5,776.19	42.87	135.722		
2,100.00	2,001.97	11,813.00	7,128.31	11.19	92.16	-143.66	-2,861.50	-744.27	5,720.70	5,677.77	42.93	133.258		
2,200.00	2,083.88	11,813.00	7,128.31	12.20	92.16	-148.81	-2,861.50	-744.27	5,622.96	5,579.97	42.99	130.794		
2,300.00	2,163.74	11,813.00	7,128.31	13.25	92.16	-152.69	-2,861.50	-744.27	5,525.99	5,482.92	43.06	128.326		
2,400.00	2,241.45	11,813.00	7,128.31	14.35	92.16	-155.70	-2,861.50	-744.27	5,429.95	5,386.80	43.15	125.844		
2,500.00	2,316.92	11,813.00	7,128.31	15.51	92.16	-158.07	-2,861.50	-744.27	5,335.01	5,291.76	43.25	123.340		
2,600.00	2,390.05	11,813.00	7,128.31	16.71	92.16	-159.99	-2,861.50	-744.27	5,241.36	5,197.97	43.39	120.807		
2,700.00	2,460.76	11,813.00	7,128.31	17.96	92.16	-161.55	-2,861.50	-744.27	5,149.17	5,105.62	43.55	118.234		
2,800.00	2,528.98	11,813.00	7,128.31	19.26	92.16	-162.69	-2,861.50	-744.27	5,058.64	5,014.89	43.75	115.628		
2,900.00	2,596.24	11,813.00	7,128.31	20.59	92.16	-162.69	-2,861.50	-744.27	4,969.02	4,925.01	44.01	112.917		
3,000.00	2,663.50	11,813.00	7,128.31	21.92	92.16	-162.69	-2,861.50	-744.27	4,879.80	4,835.50	44.30	110.157		
3,100.00	2,730.76	11,813.00	7,128.31	23.25	92.16	-162.69	-2,861.50	-744.27	4,791.01	4,746.38	44.63	107.359		
3,200.00	2,798.02	11,813.00	7,128.31	24.60	92.16	-162.69	-2,861.50	-744.27	4,702.67	4,657.68	44.99	104.530		
3,300.00	2,865.28	11,813.00	7,128.31	25.94	92.16	-162.69	-2,861.50	-744.27	4,614.80	4,569.42	45.39	101.679		
3,400.00	2,932.54	11,813.00	7,128.31	27.30	92.16	-162.69	-2,861.50	-744.27	4,527.44	4,481.62	45.82	98.814		
3,500.00	2,999.80	11,813.00	7,128.31	28.65	92.16	-162.69	-2,861.50	-744.27	4,440.61	4,394.33	46.28	95.941		
3,600.00	3,067.06	11,813.00	7,128.31	30.01	92.16	-162.69	-2,861.50	-744.27	4,354.35	4,307.56	46.79	93.067		
3,700.00	3,134.32	11,813.00	7,128.31	31.37	92.16	-162.69	-2,861.50	-744.27	4,268.68	4,221.35	47.33	90.197		
3,800.00	3,201.59	11,813.00	7,128.31	32.73	92.16	-162.69	-2,861.50	-744.27	4,183.65	4,135.75	47.90	87.336		
3,900.00	3,268.85	11,813.00	7,128.31	34.09	92.16	-162.69	-2,861.50	-744.27	4,099.30	4,050.78	48.52	84.490		
4,000.00	3,336.11	11,813.00	7,128.31	35.46	92.16	-162.69	-2,861.50	-744.27	4,015.66	3,966.49	49.17	81.663		
4,100.00	3,403.37	11,813.00	7,128.31	36.83	92.16	-162.69	-2,861.50	-744.27	3,932.79	3,882.92	49.87	78.858		
4,200.00	3,470.63	11,813.00	7,128.31	38.20	92.16	-162.69	-2,861.50	-744.27	3,850.74	3,800.12	50.61	76.081		
4,300.00	3,537.89	11,813.00	7,128.31	39.57	92.16	-162.69	-2,861.50	-744.27	3,769.55	3,718.14	51.40	73.335		
4,400.00	3,605.15	11,813.00	7,128.31	40.94	92.16	-162.69	-2,861.50	-744.27	3,689.28	3,637.04	52.24	70.625		
4,500.00	3,672.41	11,813.00	7,128.31	42.31	92.16	-162.69	-2,861.50	-744.27	3,610.00	3,556.87	53.13	67.953		
4,600.00	3,739.67	11,813.00	7,128.31	43.68	92.16	-162.69	-2,861.50	-744.27	3,531.77	3,477.70	54.07	65.323		
4,700.00	3,806.93	11,813.00	7,128.31	45.06	92.16	-162.69	-2,861.50	-744.27	3,454.66	3,399.60	55.06	62.740		
4,800.00	3,874.19	11,813.00	7,128.31	46.43	92.16	-162.69	-2,861.50	-744.27	3,378.76	3,322.64	56.12	60.207		
4,900.00	3,941.46	11,813.00	7,128.31	47.81	92.16	-162.69	-2,861.50	-744.27	3,304.14	3,246.90	57.24	57.728		
5,000.00	4,008.72	11,813.00	7,128.31	49.18	92.16	-162.69	-2,861.50	-744.27	3,230.89	3,172.47	58.42	55.307		
5,100.00	4,075.98	11,813.00	7,128.31	50.56	92.16	-162.69	-2,861.50	-744.27	3,159.10	3,099.44	59.67	52.946		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,143.24	11,813.00	7,128.31	51.94	92.16	-162.69	-2,861.50	-744.27	3,088.89	3,027.91	60.98	50.651		
5,300.00	4,210.50	11,813.00	7,128.31	53.31	92.16	-162.69	-2,861.50	-744.27	3,020.36	2,957.98	62.37	48.424		
5,400.00	4,277.76	11,813.00	7,128.31	54.69	92.16	-162.69	-2,861.50	-744.27	2,953.62	2,889.78	63.84	46.269		
5,500.00	4,345.02	11,813.00	7,128.31	56.07	92.16	-162.69	-2,861.50	-744.27	2,888.80	2,823.43	65.37	44.190		
5,600.00	4,412.28	11,813.00	7,128.31	57.45	92.16	-162.69	-2,861.50	-744.27	2,826.04	2,759.05	66.98	42.190		
5,700.00	4,479.54	11,813.00	7,128.31	58.83	92.16	-162.69	-2,861.50	-744.27	2,765.46	2,696.79	68.67	40.272		
5,800.00	4,546.80	11,813.00	7,128.31	60.21	92.16	-162.69	-2,861.50	-744.27	2,707.23	2,636.80	70.43	38.439		
5,900.00	4,614.07	11,813.00	7,128.31	61.59	92.16	-162.69	-2,861.50	-744.27	2,651.49	2,579.23	72.26	36.694		
6,000.00	4,681.33	11,793.63	7,128.71	62.97	91.83	-162.38	-2,880.87	-744.07	2,598.33	2,524.29	74.04	35.094		
6,100.00	4,748.59	11,726.44	7,129.96	64.35	90.68	-161.28	-2,948.03	-742.92	2,546.68	2,471.03	75.65	33.665		
6,200.00	4,815.85	11,611.11	7,130.49	65.73	88.70	-159.29	-3,063.31	-740.16	2,495.45	2,418.27	77.18	32.333		
6,300.00	4,883.11	11,534.20	7,130.83	67.11	87.39	-157.96	-3,140.22	-740.54	2,444.87	2,365.89	78.98	30.956		
6,400.00	4,950.37	11,455.35	7,131.03	68.49	86.05	-156.58	-3,219.05	-742.09	2,395.06	2,314.18	80.87	29.615		
6,500.00	5,017.63	11,398.23	7,131.22	69.87	85.09	-155.55	-3,276.16	-743.07	2,346.68	2,263.67	83.01	28.268		
6,600.00	5,084.89	11,314.00	7,131.71	71.25	83.66	-154.02	-3,360.34	-745.74	2,299.45	2,214.34	85.11	27.017		
6,700.00	5,152.15	11,224.13	7,131.96	72.63	82.15	-152.35	-3,450.13	-749.30	2,253.28	2,165.99	87.30	25.811		
6,800.00	5,219.41	11,140.58	7,131.64	74.02	80.75	-150.77	-3,533.57	-753.74	2,207.77	2,118.14	89.63	24.633		
6,900.00	5,286.67	11,083.16	7,131.75	75.40	79.79	-149.67	-3,590.88	-757.35	2,163.87	2,071.68	92.18	23.473		
7,000.00	5,353.94	11,024.43	7,132.35	76.78	78.81	-148.53	-3,649.47	-761.22	2,121.98	2,027.15	94.83	22.377		
7,100.00	5,421.20	10,975.32	7,133.01	78.16	78.00	-147.56	-3,698.48	-764.38	2,082.08	1,984.47	97.61	21.330		
7,200.00	5,488.46	10,931.85	7,134.10	79.55	77.27	-146.69	-3,741.87	-766.75	2,044.96	1,944.46	100.51	20.347		
7,300.00	5,555.72	10,812.41	7,135.26	80.93	75.29	-144.22	-3,861.11	-773.22	2,008.78	1,905.53	103.25	19.456		
7,400.00	5,622.98	10,742.09	7,135.93	82.31	74.12	-142.75	-3,931.27	-778.02	1,974.25	1,868.04	106.21	18.588		
7,500.00	5,690.24	10,672.62	7,136.14	83.69	72.98	-141.26	-4,000.58	-782.65	1,941.58	1,832.31	109.27	17.769		
7,600.00	5,757.50	10,577.38	7,135.83	85.08	71.42	-139.17	-4,095.58	-789.40	1,910.60	1,798.29	112.30	17.013		
7,700.00	5,824.76	10,531.78	7,135.63	86.46	70.67	-138.15	-4,141.06	-792.61	1,882.07	1,766.54	115.52	16.292		
7,800.00	5,892.02	10,500.54	7,135.21	87.84	70.15	-137.42	-4,172.27	-793.80	1,857.17	1,738.39	118.78	15.635		
7,900.00	5,959.28	10,454.82	7,134.47	89.23	69.40	-136.34	-4,217.99	-794.33	1,836.15	1,714.13	122.02	15.049		
8,000.00	6,026.55	10,414.71	7,133.86	90.61	68.73	-135.38	-4,258.09	-794.51	1,818.59	1,693.44	125.16	14.531		
8,100.00	6,093.81	10,363.00	7,133.29	91.99	67.87	-134.12	-4,309.79	-793.53	1,805.29	1,677.05	128.25	14.077		
8,200.00	6,161.07	10,321.48	7,132.89	93.38	67.19	-133.11	-4,351.30	-792.80	1,795.30	1,664.16	131.14	13.690		
8,300.00	6,228.33	10,263.17	7,132.19	94.76	66.22	-131.66	-4,409.55	-790.47	1,789.57	1,655.57	134.00	13.355		
8,400.00	6,295.59	10,218.89	7,131.20	96.14	65.49	-130.56	-4,453.79	-788.87	1,786.84	1,650.26	136.58	13.082		
8,406.50	6,299.96	10,217.65	7,131.17	96.23	65.47	-130.53	-4,455.03	-788.80	1,786.83	1,650.10	136.73	13.068 CC		
8,500.00	6,362.85	10,161.70	7,130.29	97.53	64.55	-129.13	-4,510.88	-785.64	1,788.63	1,649.56	139.07	12.862 ES		
8,600.00	6,430.11	10,096.75	7,130.91	98.91	63.48	-127.54	-4,575.76	-782.76	1,793.79	1,652.44	141.36	12.690		
8,700.00	6,497.37	10,036.32	7,130.41	100.29	62.49	-126.05	-4,636.14	-780.17	1,801.69	1,658.27	143.42	12.563		
8,800.00	6,564.63	9,969.49	7,129.63	101.68	61.40	-124.40	-4,702.86	-776.59	1,813.41	1,668.09	145.32	12.479		
8,900.00	6,631.89	9,889.00	7,128.25	103.06	60.09	-122.43	-4,783.24	-772.63	1,828.06	1,680.93	147.13	12.425 SF		
9,000.00	6,699.15	9,857.00	7,127.69	104.45	59.57	-121.64	-4,815.20	-771.07	1,845.78	1,697.55	148.23	12.452		
9,100.00	6,766.42	9,812.89	7,127.20	105.83	58.85	-120.57	-4,859.21	-768.29	1,867.51	1,718.32	149.19	12.517		
9,200.00	6,833.68	9,685.87	7,125.73	107.22	56.81	-117.55	-4,986.09	-762.65	1,890.80	1,739.97	150.83	12.536		
9,300.00	6,900.94	9,572.00	7,125.18	108.60	55.00	-114.91	-5,099.94	-762.02	1,914.22	1,762.16	152.06	12.589		
9,400.00	6,968.20	9,541.00	7,125.50	109.98	54.51	-114.22	-5,130.94	-761.61	1,941.41	1,789.06	152.35	12.743		
9,500.00	7,035.46	9,445.00	7,126.20	111.37	53.01	-112.08	-5,226.92	-760.81	1,970.70	1,817.64	153.06	12.875		
9,600.00	7,101.31	9,413.00	7,126.17	112.79	52.51	-117.62	-5,258.92	-760.39	2,007.58	1,854.53	153.05	13.117		
9,700.00	7,161.49	9,338.87	7,126.39	114.30	51.35	-122.58	-5,333.04	-759.18	2,061.71	1,908.32	153.39	13.441		
9,800.00	7,214.06	9,229.58	7,126.42	115.85	49.67	-124.59	-5,442.32	-758.56	2,130.85	1,976.82	154.02	13.835		
9,900.00	7,257.41	9,191.00	7,126.59	117.39	49.08	-126.31	-5,480.89	-759.14	2,211.17	2,057.09	154.08	14.351		
10,000.00	7,290.24	9,175.10	7,126.60	118.87	48.84	-126.09	-5,496.79	-759.28	2,301.21	2,147.20	154.01	14.942		
10,100.00	7,311.53	9,159.00	7,126.53	120.23	48.60	-119.33	-5,512.89	-759.28	2,397.68	2,243.66	154.02	15.567		
10,200.00	7,320.66	9,159.00	7,126.53	121.43	48.60	-36.07	-5,512.89	-759.28	2,497.11	2,343.13	153.99	16.216		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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 12-T6N-R67W - SIMONSEN 1Q-241 - Wellbore #1 - Wellbore #1		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	7,321.00	9,159.00	7,126.53	122.51	48.60	1.08	-5,512.89	-759.28	2,596.92	2,442.89	154.02	16.861				
10,400.00	7,321.00	9,159.00	7,126.53	123.62	48.60	1.08	-5,512.89	-759.28	2,696.72	2,542.66	154.06	17.505				
10,500.00	7,321.00	9,159.00	7,126.53	124.77	48.60	1.08	-5,512.89	-759.28	2,796.53	2,642.44	154.09	18.149				
10,600.00	7,321.00	9,159.00	7,126.53	125.95	48.60	1.08	-5,512.89	-759.28	2,896.36	2,742.24	154.12	18.793				
10,700.00	7,321.00	9,159.00	7,126.53	127.17	48.60	1.08	-5,512.89	-759.28	2,996.20	2,842.05	154.15	19.437				
10,800.00	7,321.00	9,159.00	7,126.53	128.43	48.60	1.08	-5,512.89	-759.28	3,096.05	2,941.88	154.18	20.081				
10,900.00	7,321.00	9,159.00	7,126.53	129.72	48.60	1.08	-5,512.89	-759.28	3,195.91	3,041.71	154.20	20.726				
11,000.00	7,321.00	9,159.00	7,126.53	131.05	48.60	1.08	-5,512.89	-759.28	3,295.78	3,141.55	154.23	21.370				
11,100.00	7,321.00	9,159.00	7,126.53	132.41	48.60	1.08	-5,512.89	-759.28	3,395.66	3,241.41	154.25	22.014				
11,200.00	7,321.00	9,159.00	7,126.53	133.81	48.60	1.08	-5,512.89	-759.28	3,495.54	3,341.27	154.27	22.658				
11,300.00	7,321.00	9,159.00	7,126.53	135.25	48.60	1.08	-5,512.89	-759.28	3,595.43	3,441.13	154.30	23.302				
11,400.00	7,321.00	9,159.00	7,126.53	136.72	48.60	1.08	-5,512.89	-759.28	3,695.33	3,541.01	154.32	23.946				
11,500.00	7,321.00	9,159.00	7,126.53	138.22	48.60	1.08	-5,512.89	-759.28	3,795.23	3,640.89	154.34	24.590				
11,600.00	7,321.00	9,159.00	7,126.53	139.76	48.60	1.08	-5,512.89	-759.28	3,895.13	3,740.77	154.36	25.234				
11,700.00	7,321.00	9,159.00	7,126.53	141.34	48.60	1.08	-5,512.89	-759.28	3,995.04	3,840.66	154.38	25.878				
11,800.00	7,321.00	9,159.00	7,126.53	142.94	48.60	1.08	-5,512.89	-759.28	4,094.96	3,940.56	154.40	26.522				
11,900.00	7,321.00	9,159.00	7,126.53	144.58	48.60	1.08	-5,512.89	-759.28	4,194.88	4,040.46	154.42	27.166				
12,000.00	7,321.00	9,159.00	7,126.53	146.25	48.60	1.08	-5,512.89	-759.28	4,294.80	4,140.36	154.44	27.809				
12,100.00	7,321.00	9,159.00	7,126.53	147.95	48.60	1.08	-5,512.89	-759.28	4,394.73	4,240.27	154.46	28.453				
12,200.00	7,321.00	9,159.00	7,126.53	149.67	48.60	1.08	-5,512.89	-759.28	4,494.66	4,340.18	154.48	29.096				
12,300.00	7,321.00	9,159.00	7,126.53	151.43	48.60	1.08	-5,512.89	-759.28	4,594.59	4,440.09	154.50	29.739				
12,400.00	7,321.00	9,159.00	7,126.53	153.22	48.60	1.08	-5,512.89	-759.28	4,694.53	4,540.01	154.51	30.382				
12,500.00	7,321.00	9,159.00	7,126.53	155.04	48.60	1.08	-5,512.89	-759.28	4,794.46	4,639.93	154.53	31.025				
12,600.00	7,321.00	9,159.00	7,126.53	156.88	48.60	1.08	-5,512.89	-759.28	4,894.41	4,739.85	154.55	31.668				
12,700.00	7,321.00	9,159.00	7,126.53	158.75	48.60	1.08	-5,512.89	-759.28	4,994.35	4,839.78	154.57	32.311				
12,800.00	7,321.00	9,159.00	7,126.53	160.65	48.60	1.08	-5,512.89	-759.28	5,094.29	4,939.70	154.59	32.954				
12,900.00	7,321.00	9,159.00	7,126.53	162.57	48.60	1.08	-5,512.89	-759.28	5,194.24	5,039.63	154.61	33.596				
13,000.00	7,321.00	9,159.00	7,126.53	164.51	48.60	1.08	-5,512.89	-759.28	5,294.19	5,139.56	154.63	34.238				
13,100.00	7,321.00	9,159.00	7,126.53	166.48	48.60	1.08	-5,512.89	-759.28	5,394.14	5,239.50	154.65	34.881				
13,200.00	7,321.00	9,159.00	7,126.53	168.48	48.60	1.08	-5,512.89	-759.28	5,494.10	5,339.43	154.66	35.523				
13,300.00	7,321.00	9,159.00	7,126.53	170.49	48.60	1.08	-5,512.89	-759.28	5,594.05	5,439.37	154.68	36.164				
13,400.00	7,321.00	9,159.00	7,126.53	172.52	48.60	1.08	-5,512.89	-759.28	5,694.01	5,539.30	154.70	36.806				
13,500.00	7,321.00	9,159.00	7,126.53	174.58	48.60	1.08	-5,512.89	-759.28	5,793.97	5,639.24	154.72	37.448				
13,600.00	7,321.00	9,159.00	7,126.53	176.66	48.60	1.08	-5,512.89	-759.28	5,893.92	5,739.18	154.74	38.089				
13,700.00	7,321.00	9,159.00	7,126.53	178.75	48.60	1.08	-5,512.89	-759.28	5,993.89	5,839.13	154.76	38.730				
13,800.00	7,321.00	9,159.00	7,126.53	180.87	48.60	1.08	-5,512.89	-759.28	6,093.85	5,939.07	154.78	39.371				
13,900.00	7,321.00	9,159.00	7,126.53	183.00	48.60	1.08	-5,512.89	-759.28	6,193.81	6,039.01	154.80	40.012				
14,000.00	7,321.00	9,159.00	7,126.53	185.15	48.60	1.08	-5,512.89	-759.28	6,293.78	6,138.96	154.82	40.653				
14,100.00	7,321.00	9,159.00	7,126.53	187.32	48.60	1.08	-5,512.89	-759.28	6,393.74	6,238.90	154.84	41.293				
14,200.00	7,321.00	9,159.00	7,126.53	189.50	48.60	1.08	-5,512.89	-759.28	6,493.71	6,338.85	154.86	41.933				
14,300.00	7,321.00	9,159.00	7,126.53	191.70	48.60	1.08	-5,512.89	-759.28	6,593.68	6,438.80	154.88	42.573				
14,400.00	7,321.00	9,159.00	7,126.53	193.92	48.60	1.08	-5,512.89	-759.28	6,693.64	6,538.75	154.90	43.213				
14,500.00	7,321.00	9,159.00	7,126.53	196.15	48.60	1.08	-5,512.89	-759.28	6,793.61	6,638.69	154.92	43.853				
14,600.00	7,321.00	9,159.00	7,126.53	198.39	48.60	1.08	-5,512.89	-759.28	6,893.58	6,738.64	154.94	44.492				
14,700.00	7,321.00	9,159.00	7,126.53	200.65	48.60	1.08	-5,512.89	-759.28	6,993.55	6,838.60	154.96	45.132				
14,800.00	7,321.00	9,159.00	7,126.53	202.92	48.60	1.08	-5,512.89	-759.28	7,093.53	6,938.55	154.98	45.771				
14,900.00	7,321.00	9,159.00	7,126.53	205.20	48.60	1.08	-5,512.89	-759.28	7,193.50	7,038.50	155.00	46.409				
15,000.00	7,321.00	9,159.00	7,126.53	207.50	48.60	1.08	-5,512.89	-759.28	7,293.47	7,138.45	155.02	47.048				
15,100.00	7,321.00	9,159.00	7,126.53	209.80	48.60	1.08	-5,512.89	-759.28	7,393.45	7,238.40	155.04	47.686				
15,200.00	7,321.00	9,159.00	7,126.53	212.12	48.60	1.08	-5,512.89	-759.28	7,493.42	7,338.36	155.06	48.324				
15,300.00	7,321.00	9,159.00	7,126.53	214.45	48.60	1.08	-5,512.89	-759.28	7,593.40	7,438.31	155.09	48.962				
15,400.00	7,321.00	9,159.00	7,126.53	216.79	48.60	1.08	-5,512.89	-759.28	7,693.37	7,538.27	155.11	49.600				

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	9,159.00	7,126.53	219.15	48.60	1.08	-5,512.89	-759.28	7,793.35	7,638.22	155.13	50.238	
15,600.00	7,321.00	9,159.00	7,126.53	221.51	48.60	1.08	-5,512.89	-759.28	7,893.33	7,738.18	155.15	50.875	
15,700.00	7,321.00	9,159.00	7,126.53	223.88	48.60	1.08	-5,512.89	-759.28	7,993.31	7,838.13	155.17	51.512	
15,800.00	7,321.00	9,159.00	7,126.53	226.26	48.60	1.08	-5,512.89	-759.28	8,093.29	7,938.09	155.20	52.148	
15,900.00	7,321.00	9,159.00	7,126.53	228.65	48.60	1.08	-5,512.89	-759.28	8,193.26	8,038.04	155.22	52.785	
16,000.00	7,321.00	9,159.00	7,126.53	231.04	48.60	1.08	-5,512.89	-759.28	8,293.24	8,138.00	155.24	53.421	
16,100.00	7,321.00	9,159.00	7,126.53	233.45	48.60	1.08	-5,512.89	-759.28	8,393.22	8,237.96	155.27	54.057	
16,200.00	7,321.00	9,159.00	7,126.53	235.86	48.60	1.08	-5,512.89	-759.28	8,493.20	8,337.92	155.29	54.693	
16,300.00	7,321.00	9,159.00	7,126.53	238.28	48.60	1.08	-5,512.89	-759.28	8,593.19	8,437.87	155.31	55.328	
16,400.00	7,321.00	9,159.00	7,126.53	240.71	48.60	1.08	-5,512.89	-759.28	8,693.17	8,537.83	155.34	55.964	
16,500.00	7,321.00	9,159.00	7,126.53	243.15	48.60	1.08	-5,512.89	-759.28	8,793.15	8,637.79	155.36	56.599	
16,600.00	7,321.00	9,159.00	7,126.53	245.59	48.60	1.08	-5,512.89	-759.28	8,893.13	8,737.75	155.38	57.233	
16,700.00	7,321.00	9,159.00	7,126.53	248.05	48.60	1.08	-5,512.89	-759.28	8,993.11	8,837.71	155.41	57.868	
16,800.00	7,321.00	9,159.00	7,126.53	250.50	48.60	1.08	-5,512.89	-759.28	9,093.10	8,937.66	155.43	58.502	
16,900.00	7,321.00	9,159.00	7,126.53	252.97	48.60	1.08	-5,512.89	-759.28	9,193.08	9,037.62	155.46	59.136	
17,000.00	7,321.00	9,159.00	7,126.53	255.44	48.60	1.08	-5,512.89	-759.28	9,293.06	9,137.58	155.48	59.769	
17,100.00	7,321.00	9,159.00	7,126.53	257.91	48.60	1.08	-5,512.89	-759.28	9,393.05	9,237.54	155.51	60.403	
17,200.00	7,321.00	9,159.00	7,126.53	260.39	48.60	1.08	-5,512.89	-759.28	9,493.03	9,337.50	155.53	61.036	
17,300.00	7,321.00	9,159.00	7,126.53	262.88	48.60	1.08	-5,512.89	-759.28	9,593.02	9,437.46	155.56	61.668	
17,400.00	7,321.00	9,159.00	7,126.53	265.37	48.60	1.08	-5,512.89	-759.28	9,693.00	9,537.42	155.58	62.301	
17,500.00	7,321.00	9,159.00	7,126.53	267.87	48.60	1.08	-5,512.89	-759.28	9,792.99	9,637.38	155.61	62.933	
17,600.00	7,321.00	9,159.00	7,126.53	270.37	48.60	1.08	-5,512.89	-759.28	9,892.97	9,737.34	155.64	63.565	
17,700.00	7,321.00	9,159.00	7,126.53	272.88	48.60	1.08	-5,512.89	-759.28	9,992.96	9,837.30	155.66	64.197	
17,800.00	7,321.00	9,159.00	7,126.53	275.40	48.60	1.08	-5,512.89	-759.28	10,092.95	9,937.26	155.69	64.828	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	11.00	11.00	0.00	0.02	-94.93	-197.70	-2,293.05	2,301.56					
100.00	100.00	111.00	111.00	0.27	0.19	-94.93	-197.70	-2,293.05	2,301.56	2,301.10	0.46	5,015.986		
200.00	200.00	211.00	211.00	0.63	0.55	-94.93	-197.70	-2,293.05	2,301.56	2,300.38	1.18	1,957.459		
300.00	300.00	311.00	311.00	0.99	0.91	-94.93	-197.70	-2,293.05	2,301.56	2,299.66	1.89	1,215.998		
400.00	400.00	411.00	411.00	1.34	1.27	-94.93	-197.70	-2,293.05	2,301.56	2,298.95	2.61	881.932		
500.00	499.98	510.98	510.98	1.69	1.62	57.62	-197.70	-2,293.05	2,300.62	2,297.31	3.31	694.907		
600.00	599.84	610.84	610.84	2.03	1.98	57.77	-197.70	-2,293.05	2,297.82	2,293.81	4.01	573.545		
700.00	699.45	710.45	710.45	2.38	2.34	58.04	-197.70	-2,293.05	2,293.18	2,288.46	4.71	486.395		
800.00	798.70	809.70	809.70	2.75	2.69	58.40	-197.70	-2,293.05	2,286.72	2,281.29	5.44	420.558		
900.00	897.47	908.47	908.47	3.15	3.05	58.88	-197.70	-2,293.05	2,278.51	2,272.33	6.18	368.828		
1,000.00	995.62	1,006.62	1,006.62	3.57	3.40	59.45	-197.70	-2,293.05	2,268.59	2,261.65	6.94	326.911		
1,100.00	1,093.06	1,104.06	1,104.06	4.03	3.75	60.14	-197.70	-2,293.05	2,257.05	2,249.33	7.73	292.109		
1,200.00	1,189.64	1,200.64	1,200.64	4.53	4.10	60.93	-197.70	-2,293.05	2,243.99	2,235.44	8.54	262.649		
1,300.00	1,285.27	1,296.27	1,296.27	5.08	4.44	61.82	-197.70	-2,293.05	2,229.49	2,220.10	9.39	237.325		
1,400.00	1,379.82	1,390.82	1,390.82	5.66	4.78	62.81	-197.70	-2,293.05	2,213.69	2,203.41	10.28	215.289		
1,500.00	1,473.17	1,484.17	1,484.17	6.30	5.11	63.91	-197.70	-2,293.05	2,196.73	2,185.52	11.21	195.930		
1,600.00	1,565.21	1,576.21	1,576.21	6.98	5.44	65.10	-197.70	-2,293.05	2,178.76	2,166.57	12.19	178.794		
1,700.00	1,655.84	1,666.84	1,666.84	7.72	5.77	66.39	-197.70	-2,293.05	2,159.95	2,146.74	13.21	163.537		
1,800.00	1,744.94	1,755.94	1,755.94	8.51	6.09	67.77	-197.70	-2,293.05	2,140.48	2,126.20	14.28	149.892		
1,900.00	1,832.39	1,843.39	1,843.39	9.35	6.40	69.23	-197.70	-2,293.05	2,120.58	2,105.17	15.41	137.649		
2,000.00	1,918.11	1,929.11	1,929.11	10.25	6.71	70.77	-197.70	-2,293.05	2,100.44	2,083.86	16.59	126.638		
2,100.00	2,001.97	2,012.97	2,012.97	11.19	7.01	72.37	-197.70	-2,293.05	2,080.33	2,062.51	17.82	116.720		
2,200.00	2,083.88	2,094.88	2,094.88	12.20	7.30	74.02	-197.70	-2,293.05	2,060.50	2,041.38	19.12	107.780		
2,300.00	2,163.74	2,174.74	2,174.74	13.25	7.59	75.72	-197.70	-2,293.05	2,041.21	2,020.74	20.47	99.719		
2,400.00	2,241.45	2,252.45	2,252.45	14.35	7.87	77.45	-197.70	-2,293.05	2,022.76	2,000.88	21.88	92.456		
2,500.00	2,316.92	2,327.92	2,327.92	15.51	8.14	79.20	-197.70	-2,293.05	2,005.45	1,982.11	23.34	85.918		
2,600.00	2,390.05	2,401.05	2,401.05	16.71	8.40	80.94	-197.70	-2,293.05	1,989.59	1,964.73	24.86	80.044		
2,700.00	2,460.76	2,471.76	2,471.76	17.96	8.65	82.67	-197.70	-2,293.05	1,975.50	1,949.08	26.42	74.777		
2,800.00	2,528.98	2,539.98	2,539.98	19.26	8.90	84.33	-197.70	-2,293.05	1,963.50	1,935.48	28.02	70.073		
2,900.00	2,596.24	2,607.24	2,607.24	20.59	9.14	85.79	-197.70	-2,293.05	1,954.07	1,924.43	29.64	65.925		
3,000.00	2,663.50	2,674.50	2,674.50	21.92	9.38	87.25	-197.70	-2,293.05	1,947.40	1,916.15	31.26	62.300		
3,100.00	2,730.76	2,741.76	2,741.76	23.25	9.62	88.72	-197.70	-2,293.05	1,943.54	1,910.67	32.87	59.134		
3,187.37	2,789.52	2,800.52	2,800.52	24.43	9.83	90.00	-197.70	-2,293.05	1,942.46	1,908.20	34.26	56.700 CC		
3,200.00	2,798.02	2,809.02	2,809.02	24.60	9.86	90.19	-197.70	-2,293.05	1,942.48	1,908.03	34.46	56.373 ES		
3,300.00	2,865.28	2,876.28	2,876.28	25.94	10.10	91.65	-197.70	-2,293.05	1,944.25	1,908.22	36.03	53.968		
3,400.00	2,932.54	2,943.54	2,943.54	27.30	10.34	93.12	-197.70	-2,293.05	1,948.82	1,911.26	37.56	51.879		
3,500.00	2,999.80	3,010.80	3,010.80	28.65	10.58	94.58	-197.70	-2,293.05	1,956.19	1,917.12	39.07	50.071		
3,600.00	3,067.06	3,078.06	3,078.06	30.01	10.83	96.04	-197.70	-2,293.05	1,966.32	1,925.78	40.53	48.511		
3,700.00	3,134.32	3,145.32	3,145.32	31.37	11.07	97.48	-197.70	-2,293.05	1,979.16	1,937.20	41.95	47.173		
3,800.00	3,201.59	3,212.59	3,212.59	32.73	11.31	98.92	-197.70	-2,293.05	1,994.66	1,951.33	43.33	46.034		
3,900.00	3,268.85	3,279.85	3,279.85	34.09	11.55	100.35	-197.70	-2,293.05	2,012.77	1,968.11	44.66	45.071		
4,000.00	3,336.11	3,347.11	3,347.11	35.46	11.79	101.76	-197.70	-2,293.05	2,033.41	1,987.48	45.94	44.267		
4,100.00	3,403.37	3,414.37	3,414.37	36.83	12.03	103.16	-197.70	-2,293.05	2,056.51	2,009.35	47.16	43.605		
4,200.00	3,470.63	3,481.63	3,481.63	38.20	12.27	104.55	-197.70	-2,293.05	2,081.99	2,033.65	48.34	43.071		
4,300.00	3,537.89	3,548.89	3,548.89	39.57	12.51	105.91	-197.70	-2,293.05	2,109.75	2,060.29	49.46	42.652		
4,400.00	3,605.15	3,616.15	3,616.15	40.94	12.75	107.26	-197.70	-2,293.05	2,139.72	2,089.17	50.54	42.336		
4,500.00	3,672.41	3,683.41	3,683.41	42.31	13.00	108.59	-197.70	-2,293.05	2,171.79	2,120.22	51.57	42.113		
4,600.00	3,739.67	3,750.67	3,750.67	43.68	13.24	109.90	-197.70	-2,293.05	2,205.88	2,153.33	52.55	41.974		
4,700.00	3,806.93	3,817.93	3,817.93	45.06	13.48	111.19	-197.70	-2,293.05	2,241.89	2,188.40	53.49	41.910 SF		
4,800.00	3,874.19	3,885.19	3,885.19	46.43	13.72	112.45	-197.70	-2,293.05	2,279.74	2,225.35	54.39	41.914		
4,900.00	3,941.46	3,952.46	3,952.46	47.81	13.96	113.69	-197.70	-2,293.05	2,319.34	2,264.09	55.25	41.979		
5,000.00	4,008.72	4,019.72	4,019.72	49.18	14.20	114.91	-197.70	-2,293.05	2,360.58	2,304.51	56.07	42.100		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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 - ABND VERT LIND 36-32 - 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						
5,100.00	4,075.98	4,086.98	4,086.98	50.56	14.44	116.11	-197.70	-2,293.05	2,403.40	2,346.55	56.86	42.269						
5,200.00	4,143.24	4,154.24	4,154.24	51.94	14.68	117.28	-197.70	-2,293.05	2,447.71	2,390.10	57.62	42.484						
5,300.00	4,210.50	4,221.50	4,221.50	53.31	14.92	118.43	-197.70	-2,293.05	2,493.43	2,435.09	58.34	42.738						
5,400.00	4,277.76	4,288.76	4,288.76	54.69	15.17	119.55	-197.70	-2,293.05	2,540.48	2,481.44	59.04	43.028						
5,500.00	4,345.02	4,356.02	4,356.02	56.07	15.41	120.65	-197.70	-2,293.05	2,588.79	2,529.07	59.72	43.350						
5,600.00	4,412.28	4,423.28	4,423.28	57.45	15.65	121.72	-197.70	-2,293.05	2,638.30	2,577.92	60.37	43.700						
5,700.00	4,479.54	4,490.54	4,490.54	58.83	15.89	122.77	-197.70	-2,293.05	2,688.92	2,627.92	61.01	44.076						
5,800.00	4,546.80	4,557.80	4,557.80	60.21	16.13	123.80	-197.70	-2,293.05	2,740.61	2,678.99	61.62	44.475						
5,900.00	4,614.07	4,625.07	4,625.07	61.59	16.37	124.80	-197.70	-2,293.05	2,793.31	2,731.09	62.22	44.894						
6,000.00	4,681.33	4,692.33	4,692.33	62.97	16.61	125.78	-197.70	-2,293.05	2,846.95	2,784.15	62.80	45.330						
6,100.00	4,748.59	4,759.59	4,759.59	64.35	16.85	126.73	-197.70	-2,293.05	2,901.49	2,838.11	63.38	45.782						
6,200.00	4,815.85	4,826.85	4,826.85	65.73	17.09	127.67	-197.70	-2,293.05	2,956.88	2,892.94	63.94	46.248						
6,300.00	4,883.11	4,894.11	4,894.11	67.11	17.34	128.57	-197.70	-2,293.05	3,013.06	2,948.58	64.48	46.725						
6,400.00	4,950.37	4,961.37	4,961.37	68.49	17.58	129.46	-197.70	-2,293.05	3,070.00	3,004.98	65.02	47.213						
6,500.00	5,017.63	5,028.63	5,028.63	69.87	17.82	130.33	-197.70	-2,293.05	3,127.65	3,062.10	65.56	47.709						
6,600.00	5,084.89	5,095.89	5,095.89	71.25	18.06	131.17	-197.70	-2,293.05	3,185.98	3,119.90	66.08	48.212						
6,700.00	5,152.15	5,163.15	5,163.15	72.63	18.30	131.99	-197.70	-2,293.05	3,244.95	3,178.35	66.60	48.722						
6,800.00	5,219.41	5,230.41	5,230.41	74.02	18.54	132.79	-197.70	-2,293.05	3,304.53	3,237.41	67.12	49.236						
6,900.00	5,286.67	5,297.67	5,297.67	75.40	18.78	133.57	-197.70	-2,293.05	3,364.67	3,297.05	67.63	49.754						
7,000.00	5,353.94	5,364.94	5,364.94	76.78	19.02	134.33	-197.70	-2,293.05	3,425.36	3,357.23	68.13	50.275						
7,100.00	5,421.20	5,432.20	5,432.20	78.16	19.26	135.07	-197.70	-2,293.05	3,486.57	3,417.93	68.64	50.798						
7,200.00	5,488.46	5,499.46	5,499.46	79.55	19.51	135.80	-197.70	-2,293.05	3,548.26	3,479.12	69.14	51.322						
7,300.00	5,555.72	5,566.72	5,566.72	80.93	19.75	136.50	-197.70	-2,293.05	3,610.41	3,540.77	69.64	51.846						
7,400.00	5,622.98	5,633.98	5,633.98	82.31	19.99	137.19	-197.70	-2,293.05	3,673.00	3,602.87	70.13	52.371						
7,500.00	5,690.24	5,701.24	5,701.24	83.69	20.23	137.86	-197.70	-2,293.05	3,736.01	3,665.38	70.63	52.894						
7,600.00	5,757.50	5,768.50	5,768.50	85.08	20.47	138.51	-197.70	-2,293.05	3,799.42	3,728.29	71.13	53.416						
7,700.00	5,824.76	5,835.76	5,835.76	86.46	20.71	139.15	-197.70	-2,293.05	3,863.20	3,791.58	71.62	53.937						
7,800.00	5,892.02	5,903.02	5,903.02	87.84	20.95	139.77	-197.70	-2,293.05	3,927.34	3,855.22	72.12	54.455						
7,900.00	5,959.28	5,970.28	5,970.28	89.23	21.19	140.37	-197.70	-2,293.05	3,991.83	3,919.21	72.62	54.970						
8,000.00	6,026.55	6,037.55	6,037.55	90.61	21.43	140.96	-197.70	-2,293.05	4,056.63	3,983.52	73.12	55.482						
8,100.00	6,093.81	6,104.81	6,104.81	91.99	21.68	141.54	-197.70	-2,293.05	4,121.75	4,048.13	73.61	55.991						
8,200.00	6,161.07	6,172.07	6,172.07	93.38	21.92	142.10	-197.70	-2,293.05	4,187.16	4,113.05	74.11	56.496						
8,300.00	6,228.33	6,239.33	6,239.33	94.76	22.16	142.64	-197.70	-2,293.05	4,252.86	4,178.24	74.62	56.997						
8,400.00	6,295.59	6,306.59	6,306.59	96.14	22.40	143.18	-197.70	-2,293.05	4,318.82	4,243.70	75.12	57.494						
8,500.00	6,362.85	6,373.85	6,373.85	97.53	22.64	143.70	-197.70	-2,293.05	4,385.04	4,309.41	75.62	57.986						
8,600.00	6,430.11	6,441.11	6,441.11	98.91	22.88	144.21	-197.70	-2,293.05	4,451.50	4,375.37	76.13	58.474						
8,700.00	6,497.37	6,508.37	6,508.37	100.29	23.12	144.70	-197.70	-2,293.05	4,518.20	4,441.56	76.64	58.957						
8,800.00	6,564.63	6,575.63	6,575.63	101.68	23.36	145.19	-197.70	-2,293.05	4,585.12	4,507.98	77.14	59.435						
8,900.00	6,631.89	6,642.89	6,642.89	103.06	23.60	145.66	-197.70	-2,293.05	4,652.26	4,574.60	77.66	59.908						
9,000.00	6,699.15	6,710.15	6,710.15	104.45	23.85	146.12	-197.70	-2,293.05	4,719.60	4,641.43	78.17	60.376						
9,100.00	6,766.42	6,777.42	6,777.42	105.83	24.09	146.57	-197.70	-2,293.05	4,787.14	4,708.45	78.69	60.839						
9,200.00	6,833.68	6,844.68	6,844.68	107.22	24.33	147.01	-197.70	-2,293.05	4,854.87	4,775.66	79.20	61.296						
9,300.00	6,900.94	6,911.94	6,911.94	108.60	24.57	147.44	-197.70	-2,293.05	4,922.77	4,843.05	79.72	61.748						
9,400.00	6,968.20	6,979.20	6,979.20	109.98	24.81	147.86	-197.70	-2,293.05	4,990.85	4,910.61	80.25	62.194						
9,500.00	7,035.46	7,046.46	7,046.46	111.37	25.05	148.27	-197.70	-2,293.05	5,059.10	4,978.33	80.77	62.635						
9,600.00	7,101.31	7,112.31	7,112.31	112.79	25.29	135.89	-197.70	-2,293.05	5,126.58	5,045.29	81.29	63.065						
9,700.00	7,161.49	7,172.49	7,172.49	114.30	25.50	122.17	-197.70	-2,293.05	5,190.26	5,108.47	81.79	63.460						
9,800.00	7,214.06	7,225.06	7,225.06	115.85	25.69	111.32	-197.70	-2,293.05	5,248.55	5,166.29	82.25	63.809						
9,900.00	7,257.41	7,268.41	7,268.41	117.39	25.85	103.04	-197.70	-2,293.05	5,300.12	5,217.44	82.68	64.102						
10,000.00	7,290.24	7,301.24	7,301.24	118.87	25.96	96.98	-197.70	-2,293.05	5,343.86	5,260.80	83.07	64.332						
10,100.00	7,311.53	7,322.53	7,322.53	120.23	26.04	92.82	-197.70	-2,293.05	5,378.85	5,295.45	83.41	64.488						
10,200.00	7,320.66	7,331.66	7,331.66	121.43	26.07	90.35	-197.70	-2,293.05	5,404.35	5,320.64	83.70	64.566						

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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 - ABND VERT LIND 36-32 - 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				
10,300.00	7,321.00	7,332.00	7,332.00	122.51	26.08	90.00	-197.70	-2,293.05	5,423.32	5,339.34	83.98	64.581				
10,400.00	7,321.00	7,332.00	7,332.00	123.62	26.08	90.00	-197.70	-2,293.05	5,443.74	5,359.45	84.28	64.587				
10,500.00	7,321.00	7,332.00	7,332.00	124.77	26.08	90.00	-197.70	-2,293.05	5,465.91	5,381.29	84.63	64.589				
10,600.00	7,321.00	7,332.00	7,332.00	125.95	26.08	90.00	-197.70	-2,293.05	5,489.82	5,404.82	85.00	64.588				
10,700.00	7,321.00	7,332.00	7,332.00	127.17	26.08	90.00	-197.70	-2,293.05	5,515.43	5,430.03	85.40	64.586				
10,800.00	7,321.00	7,332.00	7,332.00	128.43	26.08	90.00	-197.70	-2,293.05	5,542.73	5,456.91	85.82	64.583				
10,900.00	7,321.00	7,332.00	7,332.00	129.72	26.08	90.00	-197.70	-2,293.05	5,571.69	5,485.42	86.27	64.581				
11,000.00	7,321.00	7,332.00	7,332.00	131.05	26.08	90.00	-197.70	-2,293.05	5,602.29	5,515.54	86.75	64.582				
11,100.00	7,321.00	7,332.00	7,332.00	132.41	26.08	90.00	-197.70	-2,293.05	5,634.50	5,547.26	87.24	64.587				
11,200.00	7,321.00	7,332.00	7,332.00	133.81	26.08	90.00	-197.70	-2,293.05	5,668.29	5,580.54	87.75	64.596				
11,300.00	7,321.00	7,332.00	7,332.00	135.25	26.08	90.00	-197.70	-2,293.05	5,703.63	5,615.35	88.28	64.611				
11,400.00	7,321.00	7,332.00	7,332.00	136.72	26.08	90.00	-197.70	-2,293.05	5,740.49	5,651.68	88.82	64.634				
11,500.00	7,321.00	7,332.00	7,332.00	138.22	26.08	90.00	-197.70	-2,293.05	5,778.85	5,689.49	89.37	64.664				
11,600.00	7,321.00	7,332.00	7,332.00	139.76	26.08	90.00	-197.70	-2,293.05	5,818.68	5,728.75	89.93	64.703				
11,700.00	7,321.00	7,332.00	7,332.00	141.34	26.08	90.00	-197.70	-2,293.05	5,859.94	5,769.45	90.50	64.752				
11,800.00	7,321.00	7,332.00	7,332.00	142.94	26.08	90.00	-197.70	-2,293.05	5,902.61	5,811.54	91.07	64.811				
11,900.00	7,321.00	7,332.00	7,332.00	144.58	26.08	90.00	-197.70	-2,293.05	5,946.66	5,855.00	91.66	64.880				
12,000.00	7,321.00	7,332.00	7,332.00	146.25	26.08	90.00	-197.70	-2,293.05	5,992.05	5,899.81	92.24	64.961				
12,100.00	7,321.00	7,332.00	7,332.00	147.95	26.08	90.00	-197.70	-2,293.05	6,038.75	5,945.93	92.83	65.054				
12,200.00	7,321.00	7,332.00	7,332.00	149.67	26.08	90.00	-197.70	-2,293.05	6,086.74	5,993.33	93.41	65.159				
12,300.00	7,321.00	7,332.00	7,332.00	151.43	26.08	90.00	-197.70	-2,293.05	6,135.99	6,041.98	94.00	65.276				
12,400.00	7,321.00	7,332.00	7,332.00	153.22	26.08	90.00	-197.70	-2,293.05	6,186.45	6,091.87	94.59	65.405				
12,500.00	7,321.00	7,332.00	7,332.00	155.04	26.08	90.00	-197.70	-2,293.05	6,238.12	6,142.95	95.17	65.547				
12,600.00	7,321.00	7,332.00	7,332.00	156.88	26.08	90.00	-197.70	-2,293.05	6,290.95	6,195.20	95.75	65.702				
12,700.00	7,321.00	7,332.00	7,332.00	158.75	26.08	90.00	-197.70	-2,293.05	6,344.91	6,248.59	96.32	65.870				
12,800.00	7,321.00	7,332.00	7,332.00	160.65	26.08	90.00	-197.70	-2,293.05	6,399.98	6,303.09	96.90	66.050				
12,900.00	7,321.00	7,332.00	7,332.00	162.57	26.08	90.00	-197.70	-2,293.05	6,456.14	6,358.68	97.46	66.243				
13,000.00	7,321.00	7,332.00	7,332.00	164.51	26.08	90.00	-197.70	-2,293.05	6,513.34	6,415.32	98.02	66.449				
13,100.00	7,321.00	7,332.00	7,332.00	166.48	26.08	90.00	-197.70	-2,293.05	6,571.57	6,472.99	98.57	66.667				
13,200.00	7,321.00	7,332.00	7,332.00	168.48	26.08	90.00	-197.70	-2,293.05	6,630.79	6,531.67	99.12	66.897				
13,300.00	7,321.00	7,332.00	7,332.00	170.49	26.08	90.00	-197.70	-2,293.05	6,690.99	6,591.33	99.66	67.140				
13,400.00	7,321.00	7,332.00	7,332.00	172.52	26.08	90.00	-197.70	-2,293.05	6,752.12	6,651.94	100.19	67.394				
13,500.00	7,321.00	7,332.00	7,332.00	174.58	26.08	90.00	-197.70	-2,293.05	6,814.18	6,713.47	100.71	67.660				
13,600.00	7,321.00	7,332.00	7,332.00	176.66	26.08	90.00	-197.70	-2,293.05	6,877.13	6,775.91	101.23	67.938				
13,700.00	7,321.00	7,332.00	7,332.00	178.75	26.08	90.00	-197.70	-2,293.05	6,940.96	6,839.22	101.73	68.227				
13,800.00	7,321.00	7,332.00	7,332.00	180.87	26.08	90.00	-197.70	-2,293.05	7,005.62	6,903.39	102.23	68.528				
13,900.00	7,321.00	7,332.00	7,332.00	183.00	26.08	90.00	-197.70	-2,293.05	7,071.12	6,968.40	102.72	68.839				
14,000.00	7,321.00	7,332.00	7,332.00	185.15	26.08	90.00	-197.70	-2,293.05	7,137.41	7,034.21	103.20	69.161				
14,100.00	7,321.00	7,332.00	7,332.00	187.32	26.08	90.00	-197.70	-2,293.05	7,204.48	7,100.80	103.67	69.493				
14,200.00	7,321.00	7,332.00	7,332.00	189.50	26.08	90.00	-197.70	-2,293.05	7,272.30	7,168.17	104.14	69.835				
14,300.00	7,321.00	7,332.00	7,332.00	191.70	26.08	90.00	-197.70	-2,293.05	7,340.86	7,236.27	104.59	70.187				
14,400.00	7,321.00	7,332.00	7,332.00	193.92	26.08	90.00	-197.70	-2,293.05	7,410.14	7,305.10	105.04	70.548				
14,500.00	7,321.00	7,332.00	7,332.00	196.15	26.08	90.00	-197.70	-2,293.05	7,480.11	7,374.64	105.47	70.919				
14,600.00	7,321.00	7,332.00	7,332.00	198.39	26.08	90.00	-197.70	-2,293.05	7,550.76	7,444.86	105.90	71.300				
14,700.00	7,321.00	7,332.00	7,332.00	200.65	26.08	90.00	-197.70	-2,293.05	7,622.06	7,515.74	106.32	71.688				
14,800.00	7,321.00	7,332.00	7,332.00	202.92	26.08	90.00	-197.70	-2,293.05	7,694.01	7,587.27	106.73	72.086				
14,900.00	7,321.00	7,332.00	7,332.00	205.20	26.08	90.00	-197.70	-2,293.05	7,766.57	7,659.43	107.14	72.492				
15,000.00	7,321.00	7,332.00	7,332.00	207.50	26.08	90.00	-197.70	-2,293.05	7,839.74	7,732.21	107.53	72.906				
15,100.00	7,321.00	7,332.00	7,332.00	209.80	26.08	90.00	-197.70	-2,293.05	7,913.50	7,805.58	107.92	73.328				
15,200.00	7,321.00	7,332.00	7,332.00	212.12	26.08	90.00	-197.70	-2,293.05	7,987.82	7,879.53	108.30	73.757				
15,300.00	7,321.00	7,332.00	7,332.00	214.45	26.08	90.00	-197.70	-2,293.05	8,062.71	7,954.04	108.67	74.194				
15,400.00	7,321.00	7,332.00	7,332.00	216.79	26.08	90.00	-197.70	-2,293.05	8,138.13	8,029.09	109.03	74.639				

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	7,332.00	7,332.00	219.15	26.08	90.00	-197.70	-2,293.05	8,214.07	8,104.68	109.39	75.090		
15,600.00	7,321.00	7,332.00	7,332.00	221.51	26.08	90.00	-197.70	-2,293.05	8,290.53	8,180.79	109.74	75.548		
15,700.00	7,321.00	7,332.00	7,332.00	223.88	26.08	90.00	-197.70	-2,293.05	8,367.49	8,257.41	110.08	76.013		
15,800.00	7,321.00	7,332.00	7,332.00	226.26	26.08	90.00	-197.70	-2,293.05	8,444.92	8,334.51	110.41	76.484		
15,900.00	7,321.00	7,332.00	7,332.00	228.65	26.08	90.00	-197.70	-2,293.05	8,522.83	8,412.09	110.74	76.961		
16,000.00	7,321.00	7,332.00	7,332.00	231.04	26.08	90.00	-197.70	-2,293.05	8,601.19	8,490.13	111.06	77.444		
16,100.00	7,321.00	7,332.00	7,332.00	233.45	26.08	90.00	-197.70	-2,293.05	8,680.00	8,568.62	111.38	77.934		
16,200.00	7,321.00	7,332.00	7,332.00	235.86	26.08	90.00	-197.70	-2,293.05	8,759.24	8,647.56	111.68	78.428		
16,300.00	7,321.00	7,332.00	7,332.00	238.28	26.08	90.00	-197.70	-2,293.05	8,838.90	8,726.92	111.99	78.929		
16,400.00	7,321.00	7,332.00	7,332.00	240.71	26.08	90.00	-197.70	-2,293.05	8,918.97	8,806.69	112.28	79.434		
16,500.00	7,321.00	7,332.00	7,332.00	243.15	26.08	90.00	-197.70	-2,293.05	8,999.44	8,886.87	112.57	79.945		
16,600.00	7,321.00	7,332.00	7,332.00	245.59	26.08	90.00	-197.70	-2,293.05	9,080.30	8,967.45	112.85	80.461		
16,700.00	7,321.00	7,332.00	7,332.00	248.05	26.08	90.00	-197.70	-2,293.05	9,161.54	9,048.41	113.13	80.982		
16,800.00	7,321.00	7,332.00	7,332.00	250.50	26.08	90.00	-197.70	-2,293.05	9,243.14	9,129.74	113.40	81.507		
16,900.00	7,321.00	7,332.00	7,332.00	252.97	26.08	90.00	-197.70	-2,293.05	9,325.10	9,211.43	113.67	82.037		
17,000.00	7,321.00	7,332.00	7,332.00	255.44	26.08	90.00	-197.70	-2,293.05	9,407.42	9,293.48	113.93	82.571		
17,100.00	7,321.00	7,332.00	7,332.00	257.91	26.08	90.00	-197.70	-2,293.05	9,490.07	9,375.88	114.19	83.110		
17,200.00	7,321.00	7,332.00	7,332.00	260.39	26.08	90.00	-197.70	-2,293.05	9,573.05	9,458.61	114.44	83.653		
17,300.00	7,321.00	7,332.00	7,332.00	262.88	26.08	90.00	-197.70	-2,293.05	9,656.35	9,541.67	114.68	84.199		
17,400.00	7,321.00	7,332.00	7,332.00	265.37	26.08	90.00	-197.70	-2,293.05	9,739.97	9,625.05	114.93	84.750		
17,500.00	7,321.00	7,332.00	7,332.00	267.87	26.08	90.00	-197.70	-2,293.05	9,823.90	9,708.73	115.16	85.305		
17,600.00	7,321.00	7,332.00	7,332.00	270.37	26.08	90.00	-197.70	-2,293.05	9,908.12	9,792.73	115.39	85.863		
17,700.00	7,321.00	7,332.00	7,332.00	272.88	26.08	90.00	-197.70	-2,293.05	9,992.63	9,877.01	115.62	86.424		
17,800.00	7,321.00	7,332.00	7,332.00	275.40	26.08	90.00	-197.70	-2,293.05	10,077.43	9,961.59	115.85	86.990		

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-01
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4922.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4922.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-01	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	85.00	85.00	0.27	0.13	-128.94	-1,866.23	-2,309.88	2,969.58	2,969.18	0.40	7,483.276		
200.00	200.00	185.00	185.00	0.63	0.46	-128.94	-1,866.23	-2,309.88	2,969.58	2,968.49	1.08	2,743.044		
300.00	300.00	285.00	285.00	0.99	0.81	-128.94	-1,866.23	-2,309.88	2,969.58	2,967.78	1.80	1,650.198		
400.00	400.00	385.00	385.00	1.34	1.17	-128.94	-1,866.23	-2,309.88	2,969.58	2,967.06	2.52	1,180.056		
500.00	499.98	484.98	484.98	1.69	1.53	23.58	-1,866.23	-2,309.88	2,967.98	2,964.76	3.22	922.284		
600.00	599.84	584.84	584.84	2.03	1.89	23.66	-1,866.23	-2,309.88	2,963.18	2,959.27	3.91	756.934		
700.00	699.45	684.45	684.45	2.38	2.25	23.79	-1,866.23	-2,309.88	2,955.20	2,950.58	4.62	639.650		
800.00	798.70	783.70	783.70	2.75	2.60	23.98	-1,866.23	-2,309.88	2,944.04	2,938.71	5.33	552.136		
900.00	897.47	882.47	882.47	3.15	2.96	24.22	-1,866.23	-2,309.88	2,929.73	2,923.68	6.05	484.215		
1,000.00	995.62	980.62	980.62	3.57	3.31	24.52	-1,866.23	-2,309.88	2,912.30	2,905.52	6.78	429.830		
1,100.00	1,093.06	1,078.06	1,078.06	4.03	3.66	24.88	-1,866.23	-2,309.88	2,891.77	2,884.26	7.51	385.171		
1,200.00	1,189.64	1,174.64	1,174.64	4.53	4.00	25.30	-1,866.23	-2,309.88	2,868.19	2,859.94	8.25	347.733		
1,300.00	1,285.27	1,270.27	1,270.27	5.08	4.35	25.79	-1,866.23	-2,309.88	2,841.60	2,832.60	9.00	315.801		
1,400.00	1,379.82	1,364.82	1,364.82	5.66	4.68	26.35	-1,866.23	-2,309.88	2,812.05	2,802.29	9.76	288.167		
1,500.00	1,473.17	1,458.17	1,458.17	6.30	5.02	26.99	-1,866.23	-2,309.88	2,779.60	2,769.07	10.53	263.957		
1,600.00	1,565.21	1,550.21	1,550.21	6.98	5.35	27.70	-1,866.23	-2,309.88	2,744.32	2,733.01	11.32	242.519		
1,700.00	1,655.84	1,640.84	1,640.84	7.72	5.67	28.50	-1,866.23	-2,309.88	2,706.28	2,694.17	12.12	223.363		
1,800.00	1,744.94	1,729.94	1,729.94	8.51	5.99	29.38	-1,866.23	-2,309.88	2,665.56	2,652.62	12.93	206.108		
1,900.00	1,832.39	1,817.39	1,817.39	9.35	6.31	30.37	-1,866.23	-2,309.88	2,622.24	2,608.47	13.77	190.459		
2,000.00	1,918.11	1,903.11	1,903.11	10.25	6.61	31.46	-1,866.23	-2,309.88	2,576.42	2,561.79	14.62	176.179		
2,100.00	2,001.97	1,986.97	1,986.97	11.19	6.91	32.67	-1,866.23	-2,309.88	2,528.20	2,512.70	15.50	163.080		
2,200.00	2,083.88	2,068.88	2,068.88	12.20	7.21	34.00	-1,866.23	-2,309.88	2,477.70	2,461.29	16.41	151.006		
2,300.00	2,163.74	2,148.74	2,148.74	13.25	7.49	35.45	-1,866.23	-2,309.88	2,425.05	2,407.70	17.34	139.833		
2,400.00	2,241.45	2,226.45	2,226.45	14.35	7.77	37.05	-1,866.23	-2,309.88	2,370.37	2,352.06	18.31	129.456		
2,500.00	2,316.92	2,301.92	2,301.92	15.51	8.04	38.80	-1,866.23	-2,309.88	2,313.81	2,294.50	19.32	119.789		
2,600.00	2,390.05	2,375.05	2,375.05	16.71	8.31	40.70	-1,866.23	-2,309.88	2,255.54	2,235.17	20.36	110.761		
2,700.00	2,460.76	2,445.76	2,445.76	17.96	8.56	42.76	-1,866.23	-2,309.88	2,195.72	2,174.26	21.46	102.311		
2,800.00	2,528.98	2,513.98	2,513.98	19.26	8.80	44.84	-1,866.23	-2,309.88	2,134.58	2,111.96	22.61	94.388		
2,900.00	2,596.24	2,581.24	2,581.24	20.59	9.05	46.06	-1,866.23	-2,309.88	2,073.47	2,049.65	23.82	87.043		
3,000.00	2,663.50	2,648.50	2,648.50	21.92	9.29	47.33	-1,866.23	-2,309.88	2,013.24	1,988.15	25.09	80.249		
3,100.00	2,730.76	2,715.76	2,715.76	23.25	9.53	48.66	-1,866.23	-2,309.88	1,953.95	1,927.53	26.42	73.969		
3,200.00	2,798.02	2,783.02	2,783.02	24.60	9.77	50.04	-1,866.23	-2,309.88	1,895.69	1,867.88	27.81	68.168		
3,300.00	2,865.28	2,850.28	2,850.28	25.94	10.01	51.48	-1,866.23	-2,309.88	1,838.57	1,809.30	29.27	62.814		
3,400.00	2,932.54	2,917.54	2,917.54	27.30	10.25	52.98	-1,866.23	-2,309.88	1,782.69	1,751.89	30.80	57.877		
3,500.00	2,999.80	2,984.80	2,984.80	28.65	10.49	54.55	-1,866.23	-2,309.88	1,728.17	1,695.76	32.41	53.329		
3,600.00	3,067.06	3,052.06	3,052.06	30.01	10.73	56.17	-1,866.23	-2,309.88	1,675.15	1,641.06	34.09	49.146		
3,700.00	3,134.32	3,119.32	3,119.32	31.37	10.97	57.86	-1,866.23	-2,309.88	1,623.76	1,587.92	35.84	45.304		
3,800.00	3,201.59	3,186.59	3,186.59	32.73	11.22	59.62	-1,866.23	-2,309.88	1,574.18	1,536.51	37.67	41.784		
3,900.00	3,268.85	3,253.85	3,253.85	34.09	11.46	61.44	-1,866.23	-2,309.88	1,526.58	1,487.00	39.58	38.565		
4,000.00	3,336.11	3,321.11	3,321.11	35.46	11.70	63.33	-1,866.23	-2,309.88	1,481.15	1,439.58	41.57	35.632		
4,100.00	3,403.37	3,388.37	3,388.37	36.83	11.94	65.28	-1,866.23	-2,309.88	1,438.09	1,394.47	43.62	32.967		
4,200.00	3,470.63	3,455.63	3,455.63	38.20	12.18	67.29	-1,866.23	-2,309.88	1,397.63	1,351.89	45.74	30.558		
4,300.00	3,537.89	3,522.89	3,522.89	39.57	12.42	69.37	-1,866.23	-2,309.88	1,359.99	1,312.08	47.91	28.389		
4,400.00	3,605.15	3,590.15	3,590.15	40.94	12.66	71.50	-1,866.23	-2,309.88	1,325.42	1,275.30	50.11	26.448		
4,500.00	3,672.41	3,657.41	3,657.41	42.31	12.90	73.69	-1,866.23	-2,309.88	1,294.16	1,241.81	52.34	24.725		
4,600.00	3,739.67	3,724.67	3,724.67	43.68	13.14	75.93	-1,866.23	-2,309.88	1,266.45	1,211.88	54.57	23.207		
4,700.00	3,806.93	3,791.93	3,791.93	45.06	13.39	78.21	-1,866.23	-2,309.88	1,242.55	1,185.77	56.78	21.884		
4,800.00	3,874.19	3,859.19	3,859.19	46.43	13.63	80.53	-1,866.23	-2,309.88	1,222.65	1,163.72	58.94	20.745		
4,900.00	3,941.46	3,926.46	3,926.46	47.81	13.87	82.88	-1,866.23	-2,309.88	1,206.98	1,145.96	61.02	19.781		
5,000.00	4,008.72	3,993.72	3,993.72	49.18	14.11	85.26	-1,866.23	-2,309.88	1,195.69	1,132.70	62.99	18.981		
5,100.00	4,075.98	4,060.98	4,060.98	50.56	14.35	87.65	-1,866.23	-2,309.88	1,188.91	1,124.07	64.84	18.337		
5,197.71	4,141.70	4,126.70	4,126.70	51.90	14.59	90.00	-1,866.23	-2,309.88	1,186.70	1,120.22	66.49	17.848	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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,143.24	4,128.24	4,128.24	51.94	14.59	90.05	-1,866.23	-2,309.88	1,186.71	1,120.18	66.53	17.838	ES	
5,300.00	4,210.50	4,195.50	4,195.50	53.31	14.83	92.46	-1,866.23	-2,309.88	1,189.12	1,121.07	68.05	17.475		
5,400.00	4,277.76	4,262.76	4,262.76	54.69	15.07	94.85	-1,866.23	-2,309.88	1,196.11	1,126.73	69.38	17.239		
5,500.00	4,345.02	4,330.02	4,330.02	56.07	15.31	97.23	-1,866.23	-2,309.88	1,207.60	1,137.07	70.53	17.121		
5,600.00	4,412.28	4,397.28	4,397.28	57.45	15.56	99.58	-1,866.23	-2,309.88	1,223.47	1,151.98	71.50	17.112	SF	
5,700.00	4,479.54	4,464.54	4,464.54	58.83	15.80	101.90	-1,866.23	-2,309.88	1,243.55	1,171.26	72.29	17.203		
5,800.00	4,546.80	4,531.80	4,531.80	60.21	16.04	104.18	-1,866.23	-2,309.88	1,267.64	1,194.72	72.92	17.385		
5,900.00	4,614.07	4,599.07	4,599.07	61.59	16.28	106.41	-1,866.23	-2,309.88	1,295.51	1,222.11	73.40	17.651		
6,000.00	4,681.33	4,666.33	4,666.33	62.97	16.52	108.60	-1,866.23	-2,309.88	1,326.93	1,253.18	73.75	17.993		
6,100.00	4,748.59	4,733.59	4,733.59	64.35	16.76	110.73	-1,866.23	-2,309.88	1,361.65	1,287.65	73.99	18.403		
6,200.00	4,815.85	4,800.85	4,800.85	65.73	17.00	112.80	-1,866.23	-2,309.88	1,399.42	1,325.27	74.15	18.874		
6,300.00	4,883.11	4,868.11	4,868.11	67.11	17.24	114.81	-1,866.23	-2,309.88	1,440.01	1,365.78	74.23	19.400		
6,400.00	4,950.37	4,935.37	4,935.37	68.49	17.48	116.76	-1,866.23	-2,309.88	1,483.18	1,408.92	74.26	19.974		
6,500.00	5,017.63	5,002.63	5,002.63	69.87	17.73	118.64	-1,866.23	-2,309.88	1,528.71	1,454.47	74.24	20.591		
6,600.00	5,084.89	5,069.89	5,069.89	71.25	17.97	120.46	-1,866.23	-2,309.88	1,576.41	1,502.21	74.20	21.245		
6,700.00	5,152.15	5,137.15	5,137.15	72.63	18.21	122.21	-1,866.23	-2,309.88	1,626.07	1,551.93	74.14	21.932		
6,800.00	5,219.41	5,204.41	5,204.41	74.02	18.45	123.90	-1,866.23	-2,309.88	1,677.54	1,603.46	74.07	22.647		
6,900.00	5,286.67	5,271.67	5,271.67	75.40	18.69	125.53	-1,866.23	-2,309.88	1,730.63	1,656.62	74.01	23.385		
7,000.00	5,353.94	5,338.94	5,338.94	76.78	18.93	127.09	-1,866.23	-2,309.88	1,785.21	1,711.27	73.94	24.143		
7,100.00	5,421.20	5,406.20	5,406.20	78.16	19.17	128.58	-1,866.23	-2,309.88	1,841.16	1,767.27	73.89	24.918		
7,200.00	5,488.46	5,473.46	5,473.46	79.55	19.41	130.02	-1,866.23	-2,309.88	1,898.33	1,824.48	73.85	25.706		
7,300.00	5,555.72	5,540.72	5,540.72	80.93	19.65	131.40	-1,866.23	-2,309.88	1,956.64	1,882.81	73.83	26.504		
7,400.00	5,622.98	5,607.98	5,607.98	82.31	19.90	132.73	-1,866.23	-2,309.88	2,015.97	1,942.15	73.82	27.310		
7,500.00	5,690.24	5,675.24	5,675.24	83.69	20.14	134.00	-1,866.23	-2,309.88	2,076.25	2,002.42	73.83	28.121		
7,600.00	5,757.50	5,742.50	5,742.50	85.08	20.38	135.22	-1,866.23	-2,309.88	2,137.39	2,063.52	73.87	28.936		
7,700.00	5,824.76	5,809.76	5,809.76	86.46	20.62	136.38	-1,866.23	-2,309.88	2,199.32	2,125.40	73.92	29.752		
7,800.00	5,892.02	5,877.02	5,877.02	87.84	20.86	137.50	-1,866.23	-2,309.88	2,261.98	2,187.98	74.00	30.568		
7,900.00	5,959.28	5,944.28	5,944.28	89.23	21.10	138.58	-1,866.23	-2,309.88	2,325.30	2,251.20	74.09	31.383		
8,000.00	6,026.55	6,011.55	6,011.55	90.61	21.34	139.61	-1,866.23	-2,309.88	2,389.23	2,315.02	74.21	32.194		
8,100.00	6,093.81	6,078.81	6,078.81	91.99	21.58	140.60	-1,866.23	-2,309.88	2,453.74	2,379.38	74.35	33.002		
8,200.00	6,161.07	6,146.07	6,146.07	93.38	21.82	141.55	-1,866.23	-2,309.88	2,518.76	2,444.25	74.51	33.804		
8,300.00	6,228.33	6,213.33	6,213.33	94.76	22.07	142.46	-1,866.23	-2,309.88	2,584.27	2,509.58	74.69	34.600		
8,400.00	6,295.59	6,280.59	6,280.59	96.14	22.31	143.33	-1,866.23	-2,309.88	2,650.22	2,575.33	74.89	35.389		
8,500.00	6,362.85	6,347.85	6,347.85	97.53	22.55	144.17	-1,866.23	-2,309.88	2,716.59	2,641.49	75.10	36.171		
8,600.00	6,430.11	6,415.11	6,415.11	98.91	22.79	144.98	-1,866.23	-2,309.88	2,783.34	2,708.00	75.34	36.944		
8,700.00	6,497.37	6,482.37	6,482.37	100.29	23.03	145.75	-1,866.23	-2,309.88	2,850.45	2,774.86	75.59	37.709		
8,800.00	6,564.63	6,549.63	6,549.63	101.68	23.27	146.50	-1,866.23	-2,309.88	2,917.90	2,842.04	75.86	38.465		
8,900.00	6,631.89	6,616.89	6,616.89	103.06	23.51	147.22	-1,866.23	-2,309.88	2,985.65	2,909.51	76.14	39.211		
9,000.00	6,699.15	6,684.15	6,684.15	104.45	23.75	147.91	-1,866.23	-2,309.88	3,053.70	2,977.26	76.44	39.947		
9,100.00	6,766.42	6,751.42	6,751.42	105.83	23.99	148.58	-1,866.23	-2,309.88	3,122.02	3,045.26	76.76	40.674		
9,200.00	6,833.68	6,818.68	6,818.68	107.22	24.24	149.22	-1,866.23	-2,309.88	3,190.58	3,113.50	77.09	41.390		
9,300.00	6,900.94	6,885.94	6,885.94	108.60	24.48	149.83	-1,866.23	-2,309.88	3,259.39	3,181.96	77.43	42.096		
9,400.00	6,968.20	6,953.20	6,953.20	109.98	24.72	150.43	-1,866.23	-2,309.88	3,328.42	3,250.64	77.78	42.791		
9,500.00	7,035.46	7,020.46	7,020.46	111.37	24.96	151.01	-1,866.23	-2,309.88	3,397.66	3,319.51	78.15	43.476		
9,600.00	7,101.31	7,086.31	7,086.31	112.79	25.19	151.58	-1,866.23	-2,309.88	3,466.36	3,387.87	78.49	44.163		
9,700.00	7,167.14	7,152.14	7,152.14	114.30	25.41	152.14	-1,866.23	-2,309.88	3,535.97	3,453.26	78.72	44.869		
9,800.00	7,233.00	7,218.00	7,218.00	115.85	25.60	152.69	-1,866.23	-2,309.88	3,593.02	3,514.19	78.83	45.580		
9,900.00	7,298.86	7,283.86	7,283.86	117.39	25.75	153.23	-1,866.23	-2,309.88	3,648.28	3,569.44	78.83	46.279		
10,000.00	7,364.72	7,349.72	7,349.72	118.87	25.87	153.76	-1,866.23	-2,309.88	3,696.70	3,617.96	78.74	46.950		
10,100.00	7,430.58	7,415.58	7,415.58	120.33	25.95	154.28	-1,866.23	-2,309.88	3,737.40	3,658.84	78.55	47.577		
10,200.00	7,496.44	7,481.44	7,481.44	121.77	25.98	154.79	-1,866.23	-2,309.88	3,769.60	3,691.30	78.30	48.143		
10,300.00	7,562.30	7,547.30	7,547.30	123.19	25.98	155.29	-1,866.23	-2,309.88	3,796.14	3,718.12	78.02	48.655		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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 - 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		
10,400.00	7,321.00	7,306.00	7,306.00	123.62	25.98	90.00	-1,866.23	-2,309.88	3,824.80	3,747.01	77.79	49.167		
10,500.00	7,321.00	7,306.00	7,306.00	124.77	25.98	90.00	-1,866.23	-2,309.88	3,855.85	3,778.23	77.61	49.680		
10,600.00	7,321.00	7,306.00	7,306.00	125.95	25.98	90.00	-1,866.23	-2,309.88	3,889.21	3,811.73	77.48	50.194		
10,700.00	7,321.00	7,306.00	7,306.00	127.17	25.98	90.00	-1,866.23	-2,309.88	3,924.84	3,847.44	77.40	50.709		
10,800.00	7,321.00	7,306.00	7,306.00	128.43	25.98	90.00	-1,866.23	-2,309.88	3,962.68	3,885.32	77.36	51.223		
10,900.00	7,321.00	7,306.00	7,306.00	129.72	25.98	90.00	-1,866.23	-2,309.88	4,002.66	3,925.29	77.37	51.736		
11,000.00	7,321.00	7,306.00	7,306.00	131.05	25.98	90.00	-1,866.23	-2,309.88	4,044.71	3,967.30	77.41	52.249		
11,100.00	7,321.00	7,306.00	7,306.00	132.41	25.98	90.00	-1,866.23	-2,309.88	4,088.78	4,011.28	77.50	52.761		
11,200.00	7,321.00	7,306.00	7,306.00	133.81	25.98	90.00	-1,866.23	-2,309.88	4,134.79	4,057.18	77.61	53.273		
11,300.00	7,321.00	7,306.00	7,306.00	135.25	25.98	90.00	-1,866.23	-2,309.88	4,182.70	4,104.93	77.77	53.786		
11,400.00	7,321.00	7,306.00	7,306.00	136.72	25.98	90.00	-1,866.23	-2,309.88	4,232.42	4,154.47	77.95	54.299		
11,500.00	7,321.00	7,306.00	7,306.00	138.22	25.98	90.00	-1,866.23	-2,309.88	4,283.90	4,205.75	78.15	54.814		
11,600.00	7,321.00	7,306.00	7,306.00	139.76	25.98	90.00	-1,866.23	-2,309.88	4,337.07	4,258.69	78.39	55.330		
11,700.00	7,321.00	7,306.00	7,306.00	141.34	25.98	90.00	-1,866.23	-2,309.88	4,391.88	4,313.25	78.64	55.849		
11,800.00	7,321.00	7,306.00	7,306.00	142.94	25.98	90.00	-1,866.23	-2,309.88	4,448.27	4,369.36	78.91	56.372		
11,900.00	7,321.00	7,306.00	7,306.00	144.58	25.98	90.00	-1,866.23	-2,309.88	4,506.16	4,426.96	79.20	56.898		
12,000.00	7,321.00	7,306.00	7,306.00	146.25	25.98	90.00	-1,866.23	-2,309.88	4,565.51	4,486.02	79.50	57.429		
12,100.00	7,321.00	7,306.00	7,306.00	147.95	25.98	90.00	-1,866.23	-2,309.88	4,626.27	4,546.45	79.81	57.965		
12,200.00	7,321.00	7,306.00	7,306.00	149.67	25.98	90.00	-1,866.23	-2,309.88	4,688.36	4,608.23	80.14	58.506		
12,300.00	7,321.00	7,306.00	7,306.00	151.43	25.98	90.00	-1,866.23	-2,309.88	4,751.76	4,671.29	80.47	59.053		
12,400.00	7,321.00	7,306.00	7,306.00	153.22	25.98	90.00	-1,866.23	-2,309.88	4,816.39	4,735.59	80.80	59.606		
12,500.00	7,321.00	7,306.00	7,306.00	155.04	25.98	90.00	-1,866.23	-2,309.88	4,882.22	4,801.07	81.15	60.165		
12,600.00	7,321.00	7,306.00	7,306.00	156.88	25.98	90.00	-1,866.23	-2,309.88	4,949.19	4,867.69	81.49	60.732		
12,700.00	7,321.00	7,306.00	7,306.00	158.75	25.98	90.00	-1,866.23	-2,309.88	5,017.26	4,935.42	81.84	61.305		
12,800.00	7,321.00	7,306.00	7,306.00	160.65	25.98	90.00	-1,866.23	-2,309.88	5,086.38	5,004.19	82.19	61.885		
12,900.00	7,321.00	7,306.00	7,306.00	162.57	25.98	90.00	-1,866.23	-2,309.88	5,156.52	5,073.98	82.54	62.472		
13,000.00	7,321.00	7,306.00	7,306.00	164.51	25.98	90.00	-1,866.23	-2,309.88	5,227.63	5,144.74	82.89	63.067		
13,100.00	7,321.00	7,306.00	7,306.00	166.48	25.98	90.00	-1,866.23	-2,309.88	5,299.68	5,216.44	83.24	63.669		
13,200.00	7,321.00	7,306.00	7,306.00	168.48	25.98	90.00	-1,866.23	-2,309.88	5,372.62	5,289.03	83.58	64.278		
13,300.00	7,321.00	7,306.00	7,306.00	170.49	25.98	90.00	-1,866.23	-2,309.88	5,446.41	5,362.49	83.93	64.895		
13,400.00	7,321.00	7,306.00	7,306.00	172.52	25.98	90.00	-1,866.23	-2,309.88	5,521.04	5,436.77	84.27	65.519		
13,500.00	7,321.00	7,306.00	7,306.00	174.58	25.98	90.00	-1,866.23	-2,309.88	5,596.45	5,511.85	84.60	66.149		
13,600.00	7,321.00	7,306.00	7,306.00	176.66	25.98	90.00	-1,866.23	-2,309.88	5,672.63	5,587.69	84.94	66.787		
13,700.00	7,321.00	7,306.00	7,306.00	178.75	25.98	90.00	-1,866.23	-2,309.88	5,749.53	5,664.27	85.26	67.432		
13,800.00	7,321.00	7,306.00	7,306.00	180.87	25.98	90.00	-1,866.23	-2,309.88	5,827.14	5,741.55	85.59	68.083		
13,900.00	7,321.00	7,306.00	7,306.00	183.00	25.98	90.00	-1,866.23	-2,309.88	5,905.42	5,819.51	85.91	68.741		
14,000.00	7,321.00	7,306.00	7,306.00	185.15	25.98	90.00	-1,866.23	-2,309.88	5,984.35	5,898.12	86.22	69.406		
14,100.00	7,321.00	7,306.00	7,306.00	187.32	25.98	90.00	-1,866.23	-2,309.88	6,063.89	5,977.36	86.53	70.077		
14,200.00	7,321.00	7,306.00	7,306.00	189.50	25.98	90.00	-1,866.23	-2,309.88	6,144.04	6,057.20	86.84	70.754		
14,300.00	7,321.00	7,306.00	7,306.00	191.70	25.98	90.00	-1,866.23	-2,309.88	6,224.76	6,137.63	87.14	71.437		
14,400.00	7,321.00	7,306.00	7,306.00	193.92	25.98	90.00	-1,866.23	-2,309.88	6,306.04	6,218.61	87.43	72.126		
14,500.00	7,321.00	7,306.00	7,306.00	196.15	25.98	90.00	-1,866.23	-2,309.88	6,387.84	6,300.12	87.72	72.820		
14,600.00	7,321.00	7,306.00	7,306.00	198.39	25.98	90.00	-1,866.23	-2,309.88	6,470.16	6,382.15	88.01	73.520		
14,700.00	7,321.00	7,306.00	7,306.00	200.65	25.98	90.00	-1,866.23	-2,309.88	6,552.97	6,464.68	88.28	74.225		
14,800.00	7,321.00	7,306.00	7,306.00	202.92	25.98	90.00	-1,866.23	-2,309.88	6,636.25	6,547.69	88.56	74.936		
14,900.00	7,321.00	7,306.00	7,306.00	205.20	25.98	90.00	-1,866.23	-2,309.88	6,719.99	6,631.16	88.83	75.651		
15,000.00	7,321.00	7,306.00	7,306.00	207.50	25.98	90.00	-1,866.23	-2,309.88	6,804.16	6,715.07	89.09	76.371		
15,100.00	7,321.00	7,306.00	7,306.00	209.80	25.98	90.00	-1,866.23	-2,309.88	6,888.76	6,799.41	89.35	77.096		
15,200.00	7,321.00	7,306.00	7,306.00	212.12	25.98	90.00	-1,866.23	-2,309.88	6,973.77	6,884.16	89.61	77.825		
15,300.00	7,321.00	7,306.00	7,306.00	214.45	25.98	90.00	-1,866.23	-2,309.88	7,059.17	6,969.31	89.86	78.559		
15,400.00	7,321.00	7,306.00	7,306.00	216.79	25.98	90.00	-1,866.23	-2,309.88	7,144.95	7,054.85	90.10	79.297		
15,500.00	7,321.00	7,306.00	7,306.00	219.15	25.98	90.00	-1,866.23	-2,309.88	7,231.10	7,140.75	90.34	80.039		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	7,306.00	7,306.00	221.51	25.98	90.00	-1,866.23	-2,309.88	7,317.59	7,227.01	90.58	80.785		
15,700.00	7,321.00	7,306.00	7,306.00	223.88	25.98	90.00	-1,866.23	-2,309.88	7,404.43	7,313.62	90.81	81.534		
15,800.00	7,321.00	7,306.00	7,306.00	226.26	25.98	90.00	-1,866.23	-2,309.88	7,491.60	7,400.56	91.04	82.287		
15,900.00	7,321.00	7,306.00	7,306.00	228.65	25.98	90.00	-1,866.23	-2,309.88	7,579.08	7,487.81	91.27	83.044		
16,000.00	7,321.00	7,306.00	7,306.00	231.04	25.98	90.00	-1,866.23	-2,309.88	7,666.87	7,575.38	91.49	83.804		
16,100.00	7,321.00	7,306.00	7,306.00	233.45	25.98	90.00	-1,866.23	-2,309.88	7,754.95	7,663.25	91.70	84.567		
16,200.00	7,321.00	7,306.00	7,306.00	235.86	25.98	90.00	-1,866.23	-2,309.88	7,843.32	7,751.41	91.91	85.333		
16,300.00	7,321.00	7,306.00	7,306.00	238.28	25.98	90.00	-1,866.23	-2,309.88	7,931.97	7,839.85	92.12	86.102		
16,400.00	7,321.00	7,306.00	7,306.00	240.71	25.98	90.00	-1,866.23	-2,309.88	8,020.88	7,928.56	92.33	86.874		
16,500.00	7,321.00	7,306.00	7,306.00	243.15	25.98	90.00	-1,866.23	-2,309.88	8,110.06	8,017.53	92.53	87.649		
16,600.00	7,321.00	7,306.00	7,306.00	245.59	25.98	90.00	-1,866.23	-2,309.88	8,199.48	8,106.75	92.73	88.426		
16,700.00	7,321.00	7,306.00	7,306.00	248.05	25.98	90.00	-1,866.23	-2,309.88	8,289.14	8,196.22	92.92	89.206		
16,800.00	7,321.00	7,306.00	7,306.00	250.50	25.98	90.00	-1,866.23	-2,309.88	8,379.04	8,285.92	93.11	89.988		
16,900.00	7,321.00	7,306.00	7,306.00	252.97	25.98	90.00	-1,866.23	-2,309.88	8,469.16	8,375.86	93.30	90.772		
17,000.00	7,321.00	7,306.00	7,306.00	255.44	25.98	90.00	-1,866.23	-2,309.88	8,559.50	8,466.02	93.49	91.559		
17,100.00	7,321.00	7,306.00	7,306.00	257.91	25.98	90.00	-1,866.23	-2,309.88	8,650.06	8,556.39	93.67	92.348		
17,200.00	7,321.00	7,306.00	7,306.00	260.39	25.98	90.00	-1,866.23	-2,309.88	8,740.82	8,646.97	93.85	93.138		
17,300.00	7,321.00	7,306.00	7,306.00	262.88	25.98	90.00	-1,866.23	-2,309.88	8,831.78	8,737.76	94.02	93.931		
17,400.00	7,321.00	7,306.00	7,306.00	265.37	25.98	90.00	-1,866.23	-2,309.88	8,922.94	8,828.74	94.20	94.725		
17,500.00	7,321.00	7,306.00	7,306.00	267.87	25.98	90.00	-1,866.23	-2,309.88	9,014.28	8,919.91	94.37	95.522		
17,600.00	7,321.00	7,306.00	7,306.00	270.37	25.98	90.00	-1,866.23	-2,309.88	9,105.80	9,011.27	94.54	96.320		
17,700.00	7,321.00	7,306.00	7,306.00	272.88	25.98	90.00	-1,866.23	-2,309.88	9,197.50	9,102.80	94.70	97.119		
17,800.00	7,321.00	7,306.00	7,306.00	275.40	25.98	90.00	-1,866.23	-2,309.88	9,289.38	9,194.51	94.87	97.920		
17,900.00	7,321.00	7,306.00	7,306.00	277.91	25.98	90.00	-1,866.23	-2,309.88	9,381.41	9,286.39	95.03	98.723		
18,000.00	7,321.00	7,306.00	7,306.00	280.43	25.98	90.00	-1,866.23	-2,309.88	9,473.61	9,378.43	95.19	99.527		
18,100.00	7,321.00	7,306.00	7,306.00	282.97	25.98	90.00	-1,866.23	-2,309.88	9,566.39	9,471.05	95.34	100.341		
18,200.00	7,321.00	7,306.00	7,306.00	285.53	25.98	90.00	-1,866.23	-2,309.88	9,660.52	9,565.04	95.47	101.184		
18,300.00	7,321.00	7,306.00	7,306.00	288.11	25.98	90.00	-1,866.23	-2,309.88	9,755.86	9,660.27	95.59	102.055		
18,400.00	7,321.00	7,306.00	7,306.00	290.70	25.98	90.00	-1,866.23	-2,309.88	9,852.28	9,756.58	95.70	102.951		
18,500.00	7,321.00	7,306.00	7,306.00	293.30	25.98	90.00	-1,866.23	-2,309.88	9,949.62	9,853.83	95.79	103.870		
18,600.00	7,321.00	7,306.00	7,306.00	295.90	25.98	90.00	-1,866.23	-2,309.88	10,047.49	9,951.62	95.87	104.801		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	88.42	88.41	0.27	0.14	-177.78	-2,110.41	-81.95	2,112.07	2,111.67	0.40	5,248.153		
200.00	200.00	186.00	185.99	0.63	0.46	-177.74	-2,109.64	-83.25	2,111.34	2,110.24	1.09	1,935.409		
300.00	300.00	277.00	276.98	0.99	0.79	-177.72	-2,109.14	-83.95	2,110.82	2,109.04	1.77	1,190.398		
339.31	339.31	310.33	310.31	1.13	0.90	-177.72	-2,109.05	-83.92	2,110.72	2,108.69	2.03	1,040.787		
400.00	400.00	367.00	366.98	1.34	1.09	-177.73	-2,109.31	-83.62	2,110.97	2,108.53	2.44	865.464		
500.00	499.98	414.88	414.85	1.69	1.26	-25.26	-2,110.18	-83.16	2,110.98	2,108.04	2.95	716.778		
600.00	599.84	458.00	457.94	2.03	1.41	-25.31	-2,111.69	-82.62	2,110.02	2,106.59	3.43	615.803		
700.00	699.45	550.00	549.77	2.38	1.73	-25.49	-2,116.84	-80.61	2,107.66	2,103.57	4.09	515.200		
800.00	798.70	616.00	615.56	2.75	1.96	-25.68	-2,121.63	-78.48	2,103.58	2,098.90	4.68	449.913		
900.00	897.47	689.43	688.68	3.15	2.24	-25.96	-2,127.49	-75.33	2,097.34	2,092.04	5.30	395.785		
1,000.00	995.62	755.80	754.69	3.57	2.49	-26.27	-2,133.74	-72.23	2,089.45	2,083.54	5.91	353.620		
1,100.00	1,093.06	832.00	830.26	4.03	2.78	-26.70	-2,142.34	-67.70	2,080.24	2,073.67	6.57	316.609		
1,200.00	1,189.64	883.72	881.42	4.53	2.99	-27.07	-2,149.02	-64.16	2,069.55	2,062.40	7.15	289.258		
1,300.00	1,285.27	949.48	946.36	5.08	3.27	-27.56	-2,158.39	-59.62	2,057.51	2,049.70	7.81	263.412		
1,400.00	1,379.82	1,019.00	1,014.80	5.66	3.57	-28.13	-2,169.38	-54.39	2,044.11	2,035.61	8.50	240.404		
1,500.00	1,473.17	1,084.38	1,078.96	6.30	3.86	-28.75	-2,180.59	-48.72	2,029.28	2,020.07	9.21	220.424		
1,600.00	1,565.21	1,150.94	1,144.05	6.98	4.17	-29.45	-2,192.79	-42.01	2,013.01	2,003.08	9.94	202.571		
1,700.00	1,655.84	1,207.00	1,198.68	7.72	4.44	-30.13	-2,203.79	-35.88	1,995.58	1,984.92	10.66	187.279		
1,800.00	1,744.94	1,270.14	1,259.90	8.51	4.76	-30.95	-2,217.15	-28.25	1,977.22	1,965.78	11.44	172.827		
1,900.00	1,832.39	1,325.39	1,313.16	9.35	5.05	-31.76	-2,229.83	-20.78	1,958.24	1,946.02	12.22	160.185		
2,000.00	1,918.11	1,394.00	1,378.85	10.25	5.42	-32.80	-2,246.84	-10.66	1,938.82	1,925.70	13.12	147.819		
2,100.00	2,001.97	1,437.05	1,419.83	11.19	5.68	-33.59	-2,258.18	-3.89	1,918.75	1,904.83	13.92	137.815		
2,200.00	2,083.88	1,488.00	1,468.10	12.20	5.98	-34.53	-2,272.17	4.50	1,898.29	1,883.48	14.81	128.163		
2,300.00	2,163.74	1,551.97	1,528.35	13.25	6.38	-35.73	-2,290.58	15.56	1,877.40	1,861.58	15.83	118.615		
2,400.00	2,241.45	1,610.37	1,583.03	14.35	6.76	-36.91	-2,308.17	26.13	1,856.26	1,839.39	16.87	110.045		
2,500.00	2,316.92	1,675.00	1,643.21	15.51	7.19	-38.27	-2,328.37	38.27	1,834.87	1,816.86	18.01	101.889		
2,600.00	2,390.05	1,727.82	1,692.15	16.71	7.55	-39.49	-2,345.48	48.39	1,813.35	1,794.21	19.14	94.741		
2,700.00	2,460.76	1,787.11	1,746.82	17.96	7.97	-40.89	-2,365.37	59.80	1,791.90	1,771.52	20.38	87.920		
2,800.00	2,528.98	1,850.95	1,805.49	19.26	8.44	-42.38	-2,387.39	71.98	1,770.46	1,748.73	21.73	81.477		
2,900.00	2,596.24	1,927.80	1,875.98	20.59	9.01	-43.92	-2,414.41	86.36	1,750.41	1,727.17	23.24	75.329		
3,000.00	2,663.50	2,002.89	1,944.87	21.92	9.57	-45.43	-2,440.92	100.15	1,732.37	1,707.58	24.79	69.890		
3,100.00	2,730.76	2,083.90	2,019.10	23.25	10.18	-47.09	-2,469.53	115.45	1,716.56	1,690.12	26.44	64.918		
3,200.00	2,798.02	2,168.65	2,096.96	24.60	10.82	-48.85	-2,498.88	131.53	1,702.37	1,674.18	28.19	60.396		
3,300.00	2,865.28	2,237.00	2,159.65	25.94	11.34	-50.29	-2,522.81	144.53	1,690.69	1,660.84	29.84	56.652		
3,400.00	2,932.54	2,334.12	2,248.82	27.30	12.08	-52.33	-2,556.74	162.68	1,681.06	1,649.26	31.80	52.858		
3,500.00	2,999.80	2,450.09	2,356.21	28.65	12.94	-54.81	-2,595.32	183.37	1,672.02	1,638.03	33.99	49.197		
3,600.00	3,067.06	2,532.53	2,432.88	30.01	13.55	-56.59	-2,621.87	197.95	1,664.55	1,628.63	35.92	46.339		
3,700.00	3,134.32	2,616.51	2,511.08	31.37	14.16	-58.41	-2,648.83	212.45	1,659.17	1,621.26	37.91	43.763		
3,800.00	3,201.59	2,691.53	2,580.96	32.73	14.70	-60.03	-2,672.94	225.26	1,656.08	1,616.23	39.86	41.553		
3,860.21	3,242.08	2,729.82	2,616.59	33.55	14.99	-60.86	-2,685.30	231.89	1,655.50	1,614.53	40.97	40.406 CC		
3,900.00	3,268.85	2,753.04	2,638.15	34.09	15.16	-61.37	-2,692.91	235.97	1,655.76	1,614.07	41.69	39.716 ES		
4,000.00	3,336.11	2,814.82	2,695.30	35.46	15.62	-62.70	-2,713.55	247.08	1,658.70	1,615.16	43.54	38.098		
4,100.00	3,403.37	2,888.81	2,763.60	36.83	16.18	-64.29	-2,738.61	260.54	1,664.39	1,618.86	45.53	36.556		
4,200.00	3,470.63	3,002.79	2,869.22	38.20	17.04	-66.74	-2,776.41	280.72	1,671.71	1,623.72	47.99	34.834		
4,300.00	3,537.89	3,091.63	2,951.99	39.57	17.69	-68.63	-2,805.09	295.48	1,680.14	1,629.96	50.18	33.483		
4,400.00	3,605.15	3,156.04	3,012.00	40.94	18.16	-69.99	-2,825.88	306.31	1,690.95	1,638.86	52.09	32.462		
4,500.00	3,672.41	3,225.15	3,076.23	42.31	18.67	-71.45	-2,848.32	318.39	1,704.53	1,650.49	54.05	31.539		
4,600.00	3,739.67	3,303.12	3,148.61	43.68	19.25	-73.07	-2,873.79	332.22	1,720.56	1,664.47	56.10	30.672		
4,700.00	3,806.93	3,387.78	3,227.38	45.06	19.88	-74.83	-2,900.95	347.20	1,738.41	1,680.20	58.22	29.861		
4,800.00	3,874.19	3,467.72	3,301.93	46.43	20.46	-76.48	-2,926.00	361.59	1,758.25	1,697.99	60.26	29.179		
4,900.00	3,941.46	3,562.34	3,390.42	47.81	21.14	-78.41	-2,955.02	378.26	1,779.61	1,717.15	62.46	28.490		
5,000.00	4,008.72	3,641.54	3,464.75	49.18	21.70	-80.01	-2,978.59	392.18	1,802.60	1,738.16	64.44	27.974		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
5,100.00	4,075.98	3,705.95	3,525.21	50.56	22.16	-81.30	-2,997.51	403.79	1,827.78	1,761.60	66.18	27.619		
5,200.00	4,143.24	3,848.44	3,659.41	51.94	23.15	-84.11	-3,038.53	428.47	1,854.51	1,785.59	68.92	26.909		
5,300.00	4,210.50	3,904.30	3,712.19	53.31	23.53	-85.18	-3,054.46	437.48	1,881.68	1,811.20	70.49	26.696		
5,400.00	4,277.76	3,966.06	3,770.39	54.69	23.96	-86.34	-3,072.52	447.51	1,911.02	1,838.93	72.09	26.510		
5,500.00	4,345.02	4,017.00	3,818.19	56.07	24.32	-87.27	-3,087.88	456.08	1,942.72	1,869.24	73.48	26.437		
5,600.00	4,412.28	4,079.35	3,876.38	57.45	24.78	-88.37	-3,107.41	467.00	1,976.74	1,901.73	75.01	26.353		
5,700.00	4,479.54	4,136.21	3,929.10	58.83	25.21	-89.34	-3,126.03	477.40	2,013.04	1,936.62	76.42	26.343		
5,800.00	4,546.80	4,205.00	3,992.45	60.21	25.74	-90.47	-3,149.45	490.42	2,051.37	1,973.39	77.98	26.305		
5,900.00	4,614.07	4,262.25	4,044.87	61.59	26.20	-91.37	-3,169.63	501.48	2,091.41	2,012.06	79.34	26.359		
6,000.00	4,681.33	4,355.81	4,130.18	62.97	26.95	-92.78	-3,203.60	519.45	2,132.69	2,051.39	81.30	26.232		
6,100.00	4,748.59	4,434.47	4,201.97	64.35	27.59	-93.91	-3,232.34	533.81	2,174.19	2,091.20	82.99	26.198		
6,200.00	4,815.85	4,496.81	4,258.72	65.73	28.09	-94.79	-3,255.29	545.62	2,217.17	2,132.80	84.37	26.279		
6,300.00	4,883.11	4,573.98	4,329.01	67.11	28.72	-95.85	-3,283.45	560.54	2,261.29	2,175.31	85.99	26.298		
6,400.00	4,950.37	4,689.54	4,434.73	68.49	29.65	-97.40	-3,324.77	582.17	2,305.68	2,217.42	88.25	26.126		
6,500.00	5,017.63	4,756.53	4,495.82	69.87	30.19	-98.26	-3,349.41	594.36	2,350.49	2,260.83	89.66	26.215		
6,600.00	5,084.89	4,859.69	4,589.87	71.25	31.03	-99.52	-3,387.60	612.75	2,395.77	2,304.08	91.69	26.129		
6,700.00	5,152.15	4,958.12	4,680.56	72.63	31.79	-100.73	-3,421.96	629.55	2,440.95	2,347.37	93.58	26.085		
6,800.00	5,219.41	5,034.48	4,751.48	74.02	32.36	-101.68	-3,447.15	642.44	2,486.58	2,391.54	95.04	26.163		
6,900.00	5,286.67	5,109.47	4,821.50	75.40	32.91	-102.61	-3,470.75	655.21	2,532.99	2,436.55	96.44	26.265		
7,000.00	5,353.94	5,202.34	4,908.66	76.78	33.57	-103.75	-3,498.72	670.97	2,580.06	2,481.97	98.09	26.303		
7,100.00	5,421.20	5,305.09	5,005.49	78.16	34.28	-105.00	-3,528.86	687.44	2,627.08	2,527.23	99.85	26.310		
7,200.00	5,488.46	5,513.01	5,204.90	79.55	35.55	-107.58	-3,581.18	713.68	2,671.66	2,568.78	102.88	25.968 SF		
7,300.00	5,555.72	5,638.05	5,326.91	80.93	36.18	-109.19	-3,605.77	725.59	2,715.43	2,610.88	104.55	25.974		
7,400.00	5,622.98	5,775.50	5,462.36	82.31	36.78	-111.02	-3,626.77	735.51	2,758.62	2,652.49	106.14	25.992		
7,500.00	5,690.24	5,882.57	5,568.55	83.69	37.19	-112.48	-3,639.38	740.92	2,801.39	2,694.08	107.30	26.107		
7,600.00	5,757.50	5,987.26	5,672.56	85.08	37.56	-113.88	-3,650.59	744.93	2,844.40	2,736.02	108.38	26.245		
7,700.00	5,824.76	6,069.53	5,754.45	86.46	37.84	-114.97	-3,658.16	747.32	2,887.89	2,778.67	109.23	26.440		
7,800.00	5,892.02	6,159.90	5,844.51	87.84	38.12	-116.17	-3,665.26	749.32	2,932.05	2,821.98	110.06	26.640		
7,900.00	5,959.28	6,236.52	5,920.95	89.23	38.34	-117.18	-3,670.40	750.52	2,976.87	2,866.11	110.76	26.877		
8,000.00	6,026.55	6,303.37	5,987.70	90.61	38.52	-118.06	-3,674.06	751.38	3,022.66	2,911.31	111.35	27.146		
8,100.00	6,093.81	6,359.00	6,043.27	91.99	38.67	-118.80	-3,676.34	752.08	3,069.60	2,957.77	111.82	27.450		
8,200.00	6,161.07	6,424.15	6,108.40	93.38	38.83	-119.66	-3,678.04	752.87	3,117.69	3,005.39	112.29	27.764		
8,300.00	6,228.33	6,497.30	6,181.54	94.76	38.99	-120.62	-3,678.94	753.67	3,166.87	3,054.11	112.76	28.085		
8,400.00	6,295.59	6,579.53	6,263.76	96.14	39.18	-121.68	-3,679.97	754.17	3,216.66	3,103.41	113.24	28.405		
8,500.00	6,362.85	6,653.87	6,338.09	97.53	39.35	-122.62	-3,680.97	754.43	3,267.15	3,153.48	113.67	28.743		
8,600.00	6,430.11	6,725.39	6,409.60	98.91	39.51	-123.50	-3,681.76	754.52	3,318.40	3,204.34	114.06	29.094		
8,700.00	6,497.37	6,804.81	6,489.02	100.29	39.68	-124.47	-3,682.59	754.43	3,370.32	3,255.86	114.46	29.444		
8,800.00	6,564.63	6,879.45	6,563.65	101.68	39.84	-125.35	-3,683.55	754.16	3,422.82	3,307.99	114.83	29.807		
8,900.00	6,631.89	6,955.26	6,639.45	103.06	40.01	-126.23	-3,684.44	753.74	3,475.97	3,360.77	115.20	30.175		
9,000.00	6,699.15	7,035.07	6,719.25	104.45	40.19	-127.14	-3,685.72	753.15	3,529.60	3,414.03	115.57	30.540		
9,100.00	6,766.42	7,109.42	6,793.59	105.83	40.36	-127.95	-3,687.27	752.56	3,583.76	3,467.84	115.92	30.915		
9,200.00	6,833.68	7,177.03	6,861.18	107.22	40.52	-128.67	-3,688.94	752.09	3,638.52	3,522.28	116.24	31.302		
9,300.00	6,900.94	7,238.95	6,923.07	108.60	40.67	-129.32	-3,690.67	751.79	3,693.94	3,577.41	116.52	31.701		
9,400.00	6,968.20	7,297.70	6,981.78	109.98	40.82	-129.92	-3,692.58	751.80	3,750.11	3,633.32	116.79	32.109		
9,500.00	7,035.46	7,371.16	7,055.18	111.37	41.02	-130.63	-3,695.79	752.24	3,806.88	3,689.69	117.18	32.487		
9,600.00	7,101.31	7,477.41	7,161.22	112.79	41.34	-140.10	-3,702.22	753.13	3,867.59	3,749.74	117.85	32.818		
9,700.00	7,161.49	7,543.89	7,227.58	114.30	41.53	-152.06	-3,706.18	753.20	3,939.59	3,821.31	118.29	33.305		
9,800.00	7,214.06	7,602.13	7,285.77	115.85	41.68	-165.54	-3,708.59	752.76	4,021.29	3,902.62	118.67	33.886		
9,900.00	7,257.41	7,654.51	7,338.12	117.39	41.81	-176.92	-3,710.35	752.08	4,109.99	3,990.99	119.01	34.536		
10,000.00	7,290.24	7,689.06	7,372.65	118.87	41.90	-152.07	-3,711.34	751.52	4,203.01	4,083.79	119.23	35.253		
10,100.00	7,311.53	7,709.35	7,392.93	120.23	41.94	-122.01	-3,711.88	751.19	4,297.67	4,178.32	119.35	36.008		
10,200.00	7,320.66	7,718.85	7,402.43	121.43	41.97	-97.72	-3,712.12	751.03	4,391.26	4,271.84	119.42	36.772		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
10,300.00	7,321.00	7,720.57	7,404.15	122.51	41.97	93.56	-3,712.16	751.00	4,482.71	4,363.27	119.44	37.530		
10,400.00	7,321.00	7,721.99	7,405.57	123.62	41.97	93.60	-3,712.20	750.98	4,574.41	4,454.94	119.47	38.290		
10,500.00	7,321.00	7,723.41	7,406.99	124.77	41.98	93.65	-3,712.23	750.96	4,666.44	4,546.95	119.49	39.053		
10,600.00	7,321.00	7,724.83	7,408.40	125.95	41.98	93.69	-3,712.27	750.93	4,758.80	4,639.28	119.51	39.818		
10,700.00	7,321.00	7,726.25	7,409.82	127.17	41.98	93.74	-3,712.30	750.91	4,851.45	4,731.92	119.53	40.586		
10,800.00	7,321.00	7,727.66	7,411.24	128.43	41.99	93.78	-3,712.34	750.89	4,944.40	4,824.84	119.56	41.357		
10,900.00	7,321.00	7,729.08	7,412.65	129.72	41.99	93.83	-3,712.37	750.86	5,037.61	4,918.04	119.58	42.129		
11,000.00	7,321.00	7,730.49	7,414.07	131.05	41.99	93.87	-3,712.41	750.84	5,131.08	5,011.48	119.60	42.903		
11,100.00	7,321.00	7,731.91	7,415.48	132.41	42.00	93.92	-3,712.44	750.82	5,224.79	5,105.17	119.62	43.680		
11,200.00	7,321.00	7,733.32	7,416.89	133.81	42.00	93.96	-3,712.47	750.79	5,318.73	5,199.09	119.64	44.458		
11,300.00	7,321.00	7,734.73	7,418.30	135.25	42.00	94.01	-3,712.51	750.77	5,412.88	5,293.23	119.65	45.238		
11,400.00	7,321.00	7,736.14	7,419.71	136.72	42.01	94.05	-3,712.54	750.75	5,507.25	5,387.57	119.67	46.019		
11,500.00	7,321.00	7,737.55	7,421.12	138.22	42.01	94.10	-3,712.57	750.72	5,601.80	5,482.11	119.69	46.802		
11,600.00	7,321.00	7,738.96	7,422.53	139.76	42.01	94.14	-3,712.61	750.70	5,696.54	5,576.83	119.71	47.586		
11,700.00	7,321.00	7,740.37	7,423.94	141.34	42.02	94.19	-3,712.64	750.68	5,791.46	5,671.73	119.73	48.371		
11,800.00	7,321.00	7,741.78	7,425.35	142.94	42.02	94.23	-3,712.67	750.66	5,886.55	5,766.80	119.75	49.158		
11,900.00	7,321.00	7,743.19	7,426.76	144.58	42.02	94.27	-3,712.71	750.63	5,981.79	5,862.03	119.77	49.945		
12,000.00	7,321.00	7,744.60	7,428.16	146.25	42.03	94.32	-3,712.74	750.61	6,077.19	5,957.41	119.79	50.734		
12,100.00	7,321.00	7,746.00	7,429.57	147.95	42.03	94.36	-3,712.77	750.59	6,172.74	6,052.93	119.80	51.523		
12,200.00	7,321.00	7,747.41	7,430.97	149.67	42.03	94.41	-3,712.80	750.56	6,268.42	6,148.59	119.82	52.314		
12,300.00	7,321.00	7,748.81	7,432.37	151.43	42.04	94.45	-3,712.83	750.54	6,364.23	6,244.39	119.84	53.105		
12,400.00	7,321.00	7,750.21	7,433.78	153.22	42.04	94.50	-3,712.87	750.52	6,460.17	6,340.31	119.86	53.897		
12,500.00	7,321.00	7,751.62	7,435.18	155.04	42.04	94.54	-3,712.90	750.50	6,556.24	6,436.35	119.88	54.689		
12,600.00	7,321.00	7,753.02	7,436.58	156.88	42.05	94.59	-3,712.93	750.47	6,652.41	6,532.51	119.90	55.482		
12,700.00	7,321.00	7,754.42	7,437.98	158.75	42.05	94.63	-3,712.96	750.45	6,748.70	6,628.78	119.92	56.276		
12,800.00	7,321.00	7,755.82	7,439.38	160.65	42.05	94.67	-3,712.99	750.43	6,845.10	6,725.16	119.94	57.070		
12,900.00	7,321.00	7,757.22	7,440.78	162.57	42.06	94.72	-3,713.02	750.40	6,941.59	6,821.63	119.96	57.865		
13,000.00	7,321.00	7,758.61	7,442.18	164.51	42.06	94.76	-3,713.05	750.38	7,038.19	6,918.21	119.98	58.660		
13,100.00	7,321.00	7,760.01	7,443.57	166.48	42.06	94.81	-3,713.08	750.36	7,134.88	7,014.87	120.00	59.456		
13,200.00	7,321.00	7,761.41	7,444.97	168.48	42.07	94.85	-3,713.11	750.34	7,231.65	7,111.63	120.02	60.252		
13,300.00	7,321.00	7,762.80	7,446.36	170.49	42.07	94.89	-3,713.14	750.31	7,328.52	7,208.47	120.05	61.048		
13,400.00	7,321.00	7,764.20	7,447.76	172.52	42.07	94.94	-3,713.17	750.29	7,425.46	7,305.40	120.07	61.844		
13,500.00	7,321.00	7,765.59	7,449.15	174.58	42.08	94.98	-3,713.20	750.27	7,522.49	7,402.40	120.09	62.641		
13,600.00	7,321.00	7,766.99	7,450.54	176.66	42.08	95.03	-3,713.23	750.24	7,619.59	7,499.48	120.11	63.438		
13,700.00	7,321.00	7,775.00	7,458.56	178.75	42.10	95.28	-3,713.40	750.11	7,716.77	7,596.60	120.17	64.217		
13,800.00	7,321.00	7,775.00	7,458.56	180.87	42.10	95.28	-3,713.40	750.11	7,814.02	7,693.83	120.18	65.018		
13,900.00	7,321.00	7,775.00	7,458.56	183.00	42.10	95.28	-3,713.40	750.11	7,911.33	7,791.13	120.20	65.819		
14,000.00	7,321.00	7,775.00	7,458.56	185.15	42.10	95.28	-3,713.40	750.11	8,008.71	7,888.50	120.22	66.620		
14,100.00	7,321.00	7,775.00	7,458.56	187.32	42.10	95.28	-3,713.40	750.11	8,106.16	7,985.93	120.23	67.421		
14,200.00	7,321.00	7,775.00	7,458.56	189.50	42.10	95.28	-3,713.40	750.11	8,203.66	8,083.41	120.25	68.222		
14,300.00	7,321.00	7,775.00	7,458.56	191.70	42.10	95.28	-3,713.40	750.11	8,301.23	8,180.96	120.27	69.023		
14,400.00	7,321.00	7,775.00	7,458.56	193.92	42.10	95.28	-3,713.40	750.11	8,398.85	8,278.57	120.28	69.825		
14,500.00	7,321.00	7,775.00	7,458.56	196.15	42.10	95.28	-3,713.40	750.11	8,496.53	8,376.23	120.30	70.626		
14,600.00	7,321.00	7,775.00	7,458.56	198.39	42.10	95.28	-3,713.40	750.11	8,594.26	8,473.94	120.32	71.427		
14,700.00	7,321.00	7,775.00	7,458.56	200.65	42.10	95.28	-3,713.40	750.11	8,692.04	8,571.70	120.34	72.229		
14,800.00	7,321.00	7,775.00	7,458.56	202.92	42.10	95.28	-3,713.40	750.11	8,789.88	8,669.52	120.36	73.030		
14,900.00	7,321.00	7,775.00	7,458.56	205.20	42.10	95.28	-3,713.40	750.11	8,887.76	8,767.38	120.38	73.831		
15,000.00	7,321.00	7,775.00	7,458.56	207.50	42.10	95.28	-3,713.40	750.11	8,985.69	8,865.29	120.40	74.632		
15,100.00	7,321.00	7,775.00	7,458.56	209.80	42.10	95.28	-3,713.40	750.11	9,083.66	8,963.24	120.42	75.433		
15,200.00	7,321.00	7,775.00	7,458.56	212.12	42.10	95.28	-3,713.40	750.11	9,181.68	9,061.23	120.44	76.234		
15,300.00	7,321.00	7,775.00	7,458.56	214.45	42.10	95.28	-3,713.40	750.11	9,279.73	9,159.27	120.46	77.035		
15,400.00	7,321.00	7,775.00	7,458.56	216.79	42.10	95.28	-3,713.40	750.11	9,377.83	9,257.35	120.48	77.835		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
15,500.00	7,321.00	7,775.00	7,458.56	219.15	42.10	95.28	-3,713.40	750.11	9,475.97	9,355.47	120.51	78.635	
15,600.00	7,321.00	7,775.00	7,458.56	221.51	42.10	95.28	-3,713.40	750.11	9,574.15	9,453.62	120.53	79.435	
15,700.00	7,321.00	7,775.00	7,458.56	223.88	42.10	95.28	-3,713.40	750.11	9,672.37	9,551.82	120.55	80.235	
15,800.00	7,321.00	7,775.00	7,458.56	226.26	42.10	95.28	-3,713.40	750.11	9,770.62	9,650.05	120.57	81.035	
15,900.00	7,321.00	7,775.00	7,458.56	228.65	42.10	95.28	-3,713.40	750.11	9,868.91	9,748.31	120.60	81.834	
16,000.00	7,321.00	7,775.00	7,458.56	231.04	42.10	95.28	-3,713.40	750.11	9,967.23	9,846.61	120.62	82.633	
16,100.00	7,321.00	7,775.00	7,458.56	233.45	42.10	95.28	-3,713.40	750.11	10,065.58	9,944.94	120.64	83.432	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
100.00	100.00	89.57	89.56	0.27	0.14	-177.39	-2,110.74	-96.31	2,113.03	2,112.62	0.41	5,148.865		
200.00	200.00	190.17	190.16	0.63	0.42	-177.37	-2,109.58	-96.73	2,111.89	2,110.84	1.05	2,008.202		
300.00	300.00	273.92	273.91	0.99	0.72	-177.36	-2,109.04	-97.25	2,111.29	2,109.58	1.71	1,237.055		
321.55	321.55	291.56	291.55	1.06	0.78	-177.36	-2,109.02	-97.37	2,111.27	2,109.42	1.85	1,143.557		
400.00	400.00	365.99	365.97	1.34	1.04	-177.34	-2,109.11	-97.88	2,111.38	2,108.99	2.39	883.628		
500.00	499.98	439.66	439.64	1.69	1.30	-24.86	-2,109.51	-98.31	2,110.44	2,107.45	2.99	705.953		
600.00	599.84	505.38	505.34	2.03	1.53	-24.92	-2,111.04	-98.40	2,107.99	2,104.43	3.55	593.252		
700.00	699.45	580.00	579.91	2.38	1.79	-25.05	-2,113.79	-97.75	2,103.72	2,099.57	4.15	506.360		
800.00	798.70	669.94	669.74	2.75	2.10	-25.28	-2,117.89	-96.51	2,097.16	2,092.34	4.82	434.913		
900.00	897.47	767.28	766.96	3.15	2.45	-25.57	-2,122.64	-95.48	2,087.82	2,082.29	5.53	377.628		
1,000.00	995.62	871.26	870.82	3.57	2.82	-25.95	-2,127.50	-94.42	2,075.18	2,068.91	6.27	330.846		
1,100.00	1,093.06	959.83	959.29	4.03	3.14	-26.37	-2,131.66	-93.52	2,059.52	2,052.55	6.97	295.370		
1,200.00	1,189.64	1,019.00	1,018.37	4.53	3.36	-26.75	-2,134.90	-92.63	2,041.78	2,034.20	7.58	269.384		
1,300.00	1,285.27	1,087.85	1,087.03	5.08	3.61	-27.23	-2,139.78	-91.24	2,022.60	2,014.37	8.24	245.516		
1,400.00	1,379.82	1,147.97	1,146.87	5.66	3.84	-27.72	-2,145.39	-89.86	2,002.49	1,993.61	8.88	225.436		
1,500.00	1,473.17	1,206.00	1,204.55	6.30	4.06	-28.24	-2,151.70	-88.95	1,981.12	1,971.58	9.54	207.681		
1,600.00	1,565.21	1,278.00	1,275.97	6.98	4.34	-28.91	-2,160.63	-87.50	1,958.38	1,948.11	10.27	190.635		
1,700.00	1,655.84	1,338.66	1,336.00	7.72	4.59	-29.59	-2,169.10	-85.37	1,934.41	1,923.41	10.99	175.996		
1,800.00	1,744.94	1,394.00	1,390.59	8.51	4.82	-30.31	-2,177.81	-82.80	1,909.52	1,897.80	11.72	162.964		
1,900.00	1,832.39	1,471.72	1,467.05	9.35	5.15	-31.31	-2,191.05	-78.44	1,883.36	1,870.79	12.57	149.822		
2,000.00	1,918.11	1,543.06	1,537.08	10.25	5.46	-32.35	-2,203.86	-73.88	1,855.71	1,842.27	13.44	138.092		
2,100.00	2,001.97	1,615.74	1,608.27	11.19	5.78	-33.52	-2,217.63	-68.85	1,826.74	1,812.38	14.36	127.241		
2,200.00	2,083.88	1,694.10	1,684.92	12.20	6.14	-34.84	-2,233.09	-63.74	1,796.31	1,780.97	15.35	117.034		
2,300.00	2,163.74	1,782.56	1,771.46	13.25	6.55	-36.39	-2,250.85	-59.21	1,764.05	1,747.62	16.44	107.315		
2,400.00	2,241.45	1,868.87	1,855.91	14.35	6.96	-38.06	-2,268.19	-55.19	1,729.89	1,712.31	17.58	98.409		
2,500.00	2,316.92	1,952.27	1,937.50	15.51	7.35	-39.86	-2,284.82	-50.59	1,694.05	1,675.27	18.78	90.218		
2,600.00	2,390.05	2,044.67	2,027.95	16.71	7.79	-42.01	-2,302.88	-44.93	1,656.56	1,636.46	20.10	82.435		
2,700.00	2,460.76	2,116.18	2,097.96	17.96	8.13	-43.96	-2,316.81	-40.75	1,617.81	1,596.41	21.40	75.586		
2,800.00	2,528.98	2,195.33	2,175.40	19.26	8.52	-46.13	-2,332.55	-36.32	1,578.47	1,555.63	22.84	69.111		
2,900.00	2,596.24	2,276.98	2,255.35	20.59	8.91	-47.94	-2,348.45	-31.60	1,539.59	1,515.22	24.37	63.175		
3,000.00	2,663.50	2,355.80	2,332.56	21.92	9.29	-49.72	-2,363.82	-27.65	1,502.29	1,476.33	25.96	57.868		
3,100.00	2,730.76	2,424.00	2,399.36	23.25	9.62	-51.32	-2,377.12	-24.28	1,466.81	1,439.23	27.57	53.195		
3,200.00	2,798.02	2,491.35	2,465.26	24.60	9.95	-52.95	-2,390.45	-20.35	1,433.79	1,404.53	29.26	49.005		
3,300.00	2,865.28	2,564.10	2,536.31	25.94	10.31	-54.79	-2,405.24	-15.26	1,403.65	1,372.61	31.05	45.213		
3,400.00	2,932.54	2,639.44	2,609.90	27.30	10.69	-56.72	-2,420.67	-10.50	1,375.72	1,342.81	32.91	41.801		
3,500.00	2,999.80	2,705.00	2,673.83	28.65	11.02	-58.43	-2,434.66	-6.52	1,350.72	1,315.94	34.78	38.841		
3,600.00	3,067.06	2,774.69	2,741.66	30.01	11.38	-60.27	-2,450.01	-2.13	1,328.82	1,292.10	36.72	36.191		
3,700.00	3,134.32	2,873.82	2,838.20	31.37	11.89	-62.95	-2,471.66	4.05	1,309.47	1,270.57	38.90	33.659		
3,800.00	3,201.59	2,953.97	2,916.46	32.73	12.29	-65.16	-2,488.45	8.11	1,291.72	1,250.72	41.00	31.502		
3,900.00	3,268.85	3,028.19	2,988.84	34.09	12.67	-67.20	-2,504.56	11.48	1,277.02	1,233.93	43.09	29.637		
4,000.00	3,336.11	3,111.07	3,069.56	35.46	13.10	-69.50	-2,523.00	14.94	1,265.35	1,220.10	45.25	27.963		
4,100.00	3,403.37	3,201.91	3,158.20	36.83	13.56	-72.04	-2,542.69	17.91	1,255.72	1,208.24	47.48	26.449		
4,200.00	3,470.63	3,276.54	3,231.06	38.20	13.94	-74.15	-2,558.63	20.47	1,249.02	1,199.45	49.58	25.194		
4,300.00	3,537.89	3,354.92	3,307.63	39.57	14.34	-76.39	-2,575.11	23.52	1,245.49	1,193.81	51.68	24.101		
4,359.62	3,577.99	3,400.00	3,351.71	40.38	14.56	-77.70	-2,584.36	25.49	1,244.90	1,192.00	52.90	23.533 CC		
4,400.00	3,605.15	3,430.09	3,381.15	40.94	14.71	-78.58	-2,590.39	26.94	1,245.18	1,191.46	53.71	23.182 ES		
4,500.00	3,672.41	3,512.13	3,461.52	42.31	15.12	-80.99	-2,606.27	31.26	1,248.11	1,192.36	55.75	22.387		
4,600.00	3,739.67	3,599.18	3,546.97	43.68	15.54	-83.56	-2,622.29	35.65	1,253.79	1,196.03	57.76	21.707		
4,700.00	3,806.93	3,684.94	3,631.26	45.06	15.95	-86.08	-2,637.67	39.34	1,262.09	1,202.41	59.68	21.149		
4,800.00	3,874.19	3,763.57	3,708.59	46.43	16.33	-88.37	-2,651.55	42.41	1,273.23	1,211.78	61.44	20.722		
4,900.00	3,941.46	3,837.01	3,780.65	47.81	16.69	-90.44	-2,665.48	44.97	1,287.57	1,224.49	63.08	20.413		
5,000.00	4,008.72	3,907.02	3,849.10	49.18	17.04	-92.35	-2,680.01	47.27	1,305.16	1,240.57	64.59	20.206		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
5,100.00	4,075.98	3,982.40	3,922.55	50.56	17.43	-94.33	-2,696.79	49.75	1,325.77	1,259.69	66.08	20.063		
5,200.00	4,143.24	4,063.79	4,001.73	51.94	17.86	-96.40	-2,715.41	52.36	1,348.91	1,281.35	67.56	19.967		
5,300.00	4,210.50	4,154.06	4,089.59	53.31	18.33	-98.64	-2,735.98	54.84	1,374.00	1,304.95	69.05	19.900		
5,400.00	4,277.76	4,244.86	4,178.31	54.69	18.79	-100.88	-2,755.23	56.71	1,400.50	1,330.06	70.44	19.882 SF		
5,500.00	4,345.02	4,327.23	4,259.04	56.07	19.19	-102.89	-2,771.52	58.15	1,428.78	1,357.13	71.65	19.940		
5,600.00	4,412.28	4,403.99	4,334.37	57.45	19.57	-104.72	-2,786.22	59.47	1,459.10	1,386.38	72.72	20.064		
5,700.00	4,479.54	4,471.00	4,400.15	58.83	19.89	-106.29	-2,798.86	60.94	1,491.80	1,418.19	73.62	20.264		
5,800.00	4,546.80	4,546.81	4,474.56	60.21	20.26	-108.01	-2,813.25	62.98	1,526.78	1,452.24	74.54	20.483		
5,900.00	4,614.07	4,621.60	4,547.88	61.59	20.63	-109.65	-2,827.87	65.00	1,563.54	1,488.14	75.40	20.736		
6,000.00	4,681.33	4,692.65	4,617.63	62.97	20.97	-111.17	-2,841.26	67.16	1,602.20	1,526.03	76.16	21.036		
6,100.00	4,748.59	4,767.00	4,690.70	64.35	21.33	-112.72	-2,854.69	69.70	1,642.73	1,565.82	76.90	21.361		
6,200.00	4,815.85	4,831.20	4,753.88	65.73	21.63	-114.04	-2,865.86	72.13	1,685.06	1,607.58	77.48	21.749		
6,300.00	4,883.11	4,895.82	4,817.49	67.11	21.94	-115.32	-2,876.90	74.90	1,729.19	1,651.17	78.02	22.164		
6,400.00	4,950.37	4,960.20	4,880.73	68.49	22.25	-116.55	-2,888.48	78.25	1,775.16	1,696.62	78.54	22.602		
6,500.00	5,017.63	5,049.20	4,967.95	69.87	22.69	-118.14	-2,905.54	83.00	1,822.22	1,742.85	79.37	22.957		
6,600.00	5,084.89	5,130.92	5,047.95	71.25	23.10	-119.52	-2,921.68	87.07	1,869.93	1,789.82	80.11	23.341		
6,700.00	5,152.15	5,202.04	5,117.66	72.63	23.45	-120.69	-2,935.37	90.51	1,918.56	1,837.86	80.70	23.775		
6,800.00	5,219.41	5,276.09	5,190.39	74.02	23.81	-121.89	-2,948.82	94.14	1,968.32	1,887.04	81.28	24.216		
6,900.00	5,286.67	5,354.02	5,266.99	75.40	24.18	-123.11	-2,962.65	97.82	2,018.88	1,936.99	81.90	24.652		
7,000.00	5,353.94	5,429.04	5,340.93	76.78	24.53	-124.27	-2,974.91	101.03	2,070.24	1,987.81	82.44	25.113		
7,100.00	5,421.20	5,502.18	5,413.22	78.16	24.86	-125.39	-2,985.68	103.82	2,122.45	2,039.54	82.91	25.599		
7,200.00	5,488.46	5,583.83	5,494.13	79.55	25.20	-126.64	-2,996.34	106.40	2,175.38	2,091.95	83.43	26.075		
7,300.00	5,555.72	5,652.42	5,562.25	80.93	25.48	-127.68	-3,004.16	108.01	2,228.95	2,145.18	83.77	26.609		
7,400.00	5,622.98	5,714.97	5,624.48	82.31	25.73	-128.63	-3,010.30	109.42	2,283.64	2,199.63	84.01	27.182		
7,500.00	5,690.24	5,786.39	5,695.64	83.69	26.00	-129.70	-3,016.25	110.75	2,339.23	2,254.92	84.31	27.746		
7,600.00	5,757.50	5,852.32	5,761.41	85.08	26.23	-130.68	-3,020.65	111.58	2,395.65	2,311.14	84.51	28.347		
7,700.00	5,824.76	5,913.86	5,822.88	86.46	26.44	-131.60	-3,023.59	112.03	2,453.01	2,368.36	84.65	28.979		
7,800.00	5,892.02	5,971.18	5,880.17	87.84	26.62	-132.45	-3,025.61	112.39	2,511.41	2,426.69	84.72	29.643		
7,900.00	5,959.28	6,039.32	5,948.29	89.23	26.83	-133.44	-3,027.35	112.74	2,570.73	2,485.85	84.87	30.288		
8,000.00	6,026.55	6,112.24	6,021.19	90.61	27.06	-134.48	-3,028.80	112.81	2,630.64	2,545.59	85.06	30.928		
8,100.00	6,093.81	6,184.44	6,093.38	91.99	27.27	-135.48	-3,029.95	112.57	2,691.06	2,605.83	85.23	31.574		
8,200.00	6,161.07	6,246.44	6,155.38	93.38	27.45	-136.32	-3,030.64	112.25	2,752.14	2,666.82	85.32	32.257		
8,300.00	6,228.33	6,310.01	6,218.94	94.76	27.64	-137.16	-3,031.08	111.91	2,813.95	2,728.52	85.42	32.941		
8,400.00	6,295.59	6,378.45	6,287.38	96.14	27.83	-138.04	-3,031.49	111.60	2,876.37	2,790.79	85.57	33.612		
8,500.00	6,362.85	6,460.30	6,369.22	97.53	28.07	-139.05	-3,032.10	111.02	2,939.10	2,853.26	85.84	34.238		
8,600.00	6,430.11	6,523.74	6,432.66	98.91	28.25	-139.80	-3,032.56	110.47	3,002.22	2,916.24	85.98	34.919		
8,700.00	6,497.37	6,585.56	6,494.48	100.29	28.43	-140.52	-3,032.93	109.97	3,065.88	2,979.78	86.11	35.606		
8,800.00	6,564.63	6,646.47	6,555.39	101.68	28.60	-141.20	-3,033.28	109.64	3,130.14	3,043.90	86.24	36.295		
8,900.00	6,631.89	6,716.23	6,625.15	103.06	28.80	-141.97	-3,033.51	109.21	3,194.84	3,108.38	86.45	36.955		
9,000.00	6,699.15	6,782.49	6,691.41	104.45	28.99	-142.67	-3,033.62	108.71	3,259.90	3,173.25	86.65	37.623		
9,100.00	6,766.42	6,851.51	6,760.42	105.83	29.19	-143.38	-3,033.99	108.41	3,325.35	3,238.47	86.88	38.273		
9,200.00	6,833.68	6,922.00	6,830.91	107.22	29.40	-144.07	-3,034.52	108.05	3,391.00	3,303.85	87.15	38.908		
9,300.00	6,900.94	6,993.32	6,892.23	108.60	29.58	-144.66	-3,034.98	107.77	3,457.01	3,369.65	87.36	39.573		
9,400.00	6,968.20	7,043.40	6,952.31	109.98	29.76	-145.21	-3,035.29	107.65	3,523.54	3,435.98	87.56	40.241		
9,500.00	7,035.46	7,109.00	7,017.91	111.37	29.96	-145.81	-3,035.50	107.50	3,590.40	3,502.59	87.82	40.885		
9,600.00	7,101.31	7,168.75	7,077.65	112.79	30.13	-157.33	-3,035.57	107.37	3,660.49	3,572.42	88.07	41.565		
9,700.00	7,161.49	7,232.08	7,140.99	114.30	30.30	-173.52	-3,035.55	107.24	3,739.10	3,650.64	88.47	42.264		
9,800.00	7,214.06	7,301.48	7,210.38	115.85	30.50	-167.95	-3,035.64	106.89	3,823.76	3,734.74	89.02	42.954		
9,900.00	7,257.41	7,338.45	7,247.36	117.39	30.61	-146.62	-3,035.71	106.67	3,912.04	3,822.67	89.37	43.774		
10,000.00	7,290.24	7,367.76	7,276.67	118.87	30.69	-124.70	-3,035.76	106.54	4,001.54	3,911.82	89.71	44.603		
10,100.00	7,311.53	7,390.00	7,298.90	120.23	30.76	-106.20	-3,035.79	106.46	4,089.77	3,999.72	90.06	45.414		
10,200.00	7,320.66	7,396.86	7,305.77	121.43	30.78	-92.76	-3,035.80	106.44	4,174.39	4,084.06	90.33	46.212		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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						
10,300.00	7,321.00	7,397.68	7,306.59	122.51	30.78	90.36	-3,035.80	106.43	4,255.44	4,164.83	90.61	46.965						
10,400.00	7,321.00	7,398.10	7,307.00	123.62	30.78	90.37	-3,035.80	106.43	4,337.09	4,246.21	90.88	47.721						
10,500.00	7,321.00	7,398.52	7,307.43	124.77	30.78	90.38	-3,035.80	106.43	4,419.50	4,328.34	91.16	48.482						
10,600.00	7,321.00	7,398.95	7,307.85	125.95	30.78	90.39	-3,035.80	106.43	4,502.62	4,411.19	91.43	49.249						
10,700.00	7,321.00	7,399.37	7,308.28	127.17	30.78	90.40	-3,035.80	106.43	4,586.41	4,494.72	91.69	50.020						
10,800.00	7,321.00	7,399.81	7,308.71	128.43	30.78	90.41	-3,035.80	106.43	4,670.85	4,578.89	91.95	50.797						
10,900.00	7,321.00	7,400.24	7,309.15	129.72	30.79	90.42	-3,035.80	106.42	4,755.88	4,663.67	92.21	51.578						
11,000.00	7,321.00	7,400.68	7,309.58	131.05	30.79	90.43	-3,035.80	106.42	4,841.49	4,749.03	92.46	52.364						
11,100.00	7,321.00	7,401.12	7,310.03	132.41	30.79	90.44	-3,035.80	106.42	4,927.64	4,834.94	92.70	53.154						
11,200.00	7,321.00	7,401.57	7,310.47	133.81	30.79	90.45	-3,035.80	106.42	5,014.30	4,921.36	92.95	53.949						
11,300.00	7,321.00	7,402.02	7,310.92	135.25	30.79	90.46	-3,035.80	106.42	5,101.46	5,008.27	93.18	54.747						
11,400.00	7,321.00	7,402.47	7,311.37	136.72	30.79	90.47	-3,035.80	106.42	5,189.07	5,095.66	93.41	55.550						
11,500.00	7,321.00	7,402.92	7,311.83	138.22	30.79	90.48	-3,035.80	106.41	5,277.13	5,183.49	93.64	56.356						
11,600.00	7,321.00	7,403.38	7,312.29	139.76	30.79	90.49	-3,035.80	106.41	5,365.60	5,271.74	93.86	57.165						
11,700.00	7,321.00	7,403.85	7,312.75	141.34	30.80	90.50	-3,035.81	106.41	5,454.47	5,360.40	94.08	57.978						
11,800.00	7,321.00	7,404.32	7,313.22	142.94	30.80	90.51	-3,035.81	106.41	5,543.73	5,449.44	94.29	58.794						
11,900.00	7,321.00	7,404.79	7,313.69	144.58	30.80	90.52	-3,035.81	106.41	5,633.34	5,538.84	94.50	59.613						
12,000.00	7,321.00	7,405.26	7,314.17	146.25	30.80	90.54	-3,035.81	106.41	5,723.30	5,628.59	94.70	60.435						
12,100.00	7,321.00	7,405.74	7,314.64	147.95	30.80	90.55	-3,035.81	106.40	5,813.58	5,718.68	94.90	61.260						
12,200.00	7,321.00	7,406.22	7,315.13	149.67	30.80	90.56	-3,035.81	106.40	5,904.18	5,809.08	95.09	62.088						
12,300.00	7,321.00	7,406.71	7,315.61	151.43	30.80	90.57	-3,035.81	106.40	5,995.08	5,899.79	95.28	62.918						
12,400.00	7,321.00	7,407.20	7,316.11	153.22	30.81	90.58	-3,035.81	106.40	6,086.26	5,990.79	95.47	63.750						
12,500.00	7,321.00	7,407.70	7,316.60	155.04	30.81	90.59	-3,035.81	106.40	6,177.71	6,082.06	95.65	64.585						
12,600.00	7,321.00	7,408.20	7,317.10	156.88	30.81	90.60	-3,035.81	106.39	6,269.43	6,173.60	95.83	65.421						
12,700.00	7,321.00	7,408.70	7,317.60	158.75	30.81	90.61	-3,035.81	106.39	6,361.40	6,265.39	96.01	66.260						
12,800.00	7,321.00	7,409.21	7,318.11	160.65	30.81	90.63	-3,035.81	106.39	6,453.60	6,357.42	96.18	67.101						
12,900.00	7,321.00	7,409.72	7,318.62	162.57	30.81	90.64	-3,035.81	106.39	6,546.03	6,449.69	96.35	67.944						
13,000.00	7,321.00	7,410.24	7,319.14	164.51	30.81	90.65	-3,035.82	106.39	6,638.69	6,542.18	96.51	68.788						
13,100.00	7,321.00	7,410.76	7,319.66	166.48	30.82	90.66	-3,035.82	106.38	6,731.55	6,634.88	96.67	69.634						
13,200.00	7,321.00	7,411.28	7,320.19	168.48	30.82	90.67	-3,035.82	106.38	6,824.62	6,727.79	96.83	70.481						
13,300.00	7,321.00	7,411.81	7,320.72	170.49	30.82	90.69	-3,035.82	106.38	6,917.87	6,820.89	96.98	71.330						
13,400.00	7,321.00	7,412.35	7,321.25	172.52	30.82	90.70	-3,035.82	106.38	7,011.32	6,914.18	97.14	72.181						
13,500.00	7,321.00	7,412.89	7,321.79	174.58	30.82	90.71	-3,035.82	106.38	7,104.94	7,007.66	97.29	73.032						
13,600.00	7,321.00	7,413.43	7,322.34	176.66	30.82	90.72	-3,035.82	106.37	7,198.74	7,101.30	97.43	73.885						
13,700.00	7,321.00	7,413.98	7,322.89	178.75	30.83	90.74	-3,035.82	106.37	7,292.69	7,195.12	97.58	74.739						
13,800.00	7,321.00	7,414.54	7,323.44	180.87	30.83	90.75	-3,035.82	106.37	7,386.81	7,289.09	97.72	75.594						
13,900.00	7,321.00	7,415.09	7,324.00	183.00	30.83	90.76	-3,035.82	106.37	7,481.08	7,383.23	97.86	76.450						
14,000.00	7,321.00	7,415.66	7,324.56	185.15	30.83	90.78	-3,035.82	106.36	7,575.50	7,477.51	97.99	77.307						
14,100.00	7,321.00	7,416.23	7,325.13	187.32	30.83	90.79	-3,035.83	106.36	7,670.06	7,571.93	98.13	78.165						
14,200.00	7,321.00	7,416.80	7,325.71	189.50	30.83	90.80	-3,035.83	106.36	7,764.75	7,666.49	98.26	79.023						
14,300.00	7,321.00	7,417.38	7,326.28	191.70	30.84	90.82	-3,035.83	106.36	7,859.58	7,761.19	98.39	79.883						
14,400.00	7,321.00	7,417.97	7,326.87	193.92	30.84	90.83	-3,035.83	106.36	7,954.53	7,856.02	98.52	80.743						
14,500.00	7,321.00	7,418.56	7,327.46	196.15	30.84	90.84	-3,035.83	106.35	8,049.61	7,950.96	98.64	81.603						
14,600.00	7,321.00	7,419.15	7,328.05	198.39	30.84	90.86	-3,035.83	106.35	8,144.80	8,046.03	98.77	82.465						
14,700.00	7,321.00	7,419.75	7,328.66	200.65	30.84	90.87	-3,035.83	106.35	8,240.11	8,141.22	98.89	83.326						
14,800.00	7,321.00	7,420.36	7,329.26	202.92	30.84	90.88	-3,035.83	106.35	8,335.52	8,236.51	99.01	84.189						
14,900.00	7,321.00	7,420.97	7,329.87	205.20	30.85	90.90	-3,035.83	106.34	8,431.05	8,331.92	99.13	85.051						
15,000.00	7,321.00	7,421.59	7,330.49	207.50	30.85	90.91	-3,035.83	106.34	8,526.67	8,427.43	99.25	85.914						
15,100.00	7,321.00	7,422.21	7,331.12	209.80	30.85	90.93	-3,035.84	106.34	8,622.40	8,523.04	99.36	86.778						
15,200.00	7,321.00	7,422.84	7,331.75	212.12	30.85	90.94	-3,035.84	106.33	8,718.22	8,618.74	99.48	87.641						
15,300.00	7,321.00	7,423.48	7,332.38	214.45	30.85	90.96	-3,035.84	106.33	8,814.13	8,714.54	99.59	88.505						
15,400.00	7,321.00	7,424.12	7,333.02	216.79	30.85	90.97	-3,035.84	106.33	8,910.14	8,810.44	99.70	89.369						

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
15,500.00	7,321.00	7,424.77	7,333.67	219.15	30.86	90.99	-3,035.84	106.33	9,006.23	8,906.42	99.81	90.234	
15,600.00	7,321.00	7,425.42	7,334.33	221.51	30.86	91.00	-3,035.84	106.32	9,102.40	9,002.48	99.92	91.098	
15,700.00	7,321.00	7,426.08	7,334.99	223.88	30.86	91.02	-3,035.84	106.32	9,198.66	9,098.63	100.03	91.962	
15,800.00	7,321.00	7,426.75	7,335.65	226.26	30.86	91.03	-3,035.84	106.32	9,294.99	9,194.86	100.13	92.827	
15,900.00	7,321.00	7,427.42	7,336.33	228.65	30.86	91.05	-3,035.85	106.31	9,391.41	9,291.17	100.24	93.692	
16,000.00	7,321.00	7,428.10	7,337.01	231.04	30.87	91.06	-3,035.85	106.31	9,487.89	9,387.55	100.34	94.556	
16,100.00	7,321.00	7,428.79	7,337.69	233.45	30.87	91.08	-3,035.85	106.31	9,584.45	9,484.01	100.44	95.421	
16,200.00	7,321.00	7,429.48	7,338.39	235.86	30.87	91.09	-3,035.85	106.31	9,681.08	9,580.53	100.55	96.285	
16,300.00	7,321.00	7,430.18	7,339.09	238.28	30.87	91.11	-3,035.85	106.30	9,777.77	9,677.13	100.65	97.149	
16,400.00	7,321.00	7,430.89	7,339.80	240.71	30.87	91.13	-3,035.85	106.30	9,874.53	9,773.79	100.75	98.013	
16,500.00	7,321.00	7,431.61	7,340.51	243.15	30.88	91.14	-3,035.85	106.30	9,971.36	9,870.51	100.85	98.877	
16,600.00	7,321.00	7,432.33	7,341.23	245.59	30.88	91.16	-3,035.86	106.29	10,068.25	9,967.30	100.94	99.741	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	67.97	67.96	0.27	0.11	-176.99	-2,111.22	-111.03	2,114.13	2,113.76	0.38	5,623.060		
200.00	200.00	164.21	164.19	0.63	0.34	-177.04	-2,111.48	-109.12	2,114.31	2,113.35	0.96	2,194.825		
300.00	300.00	240.33	240.29	0.99	0.61	-177.07	-2,111.95	-107.97	2,114.91	2,113.32	1.60	1,325.708		
400.00	400.00	304.00	303.94	1.34	0.84	-177.09	-2,113.65	-107.27	2,117.41	2,115.22	2.18	970.912		
500.00	499.98	345.33	345.22	1.69	0.99	-24.60	-2,115.69	-106.85	2,120.47	2,117.80	2.67	793.433		
600.00	599.84	396.00	395.75	2.03	1.17	-24.63	-2,119.34	-106.27	2,122.81	2,119.62	3.18	666.523		
700.00	699.45	445.26	444.78	2.38	1.36	-24.69	-2,124.04	-105.69	2,124.33	2,120.63	3.70	573.596		
800.00	798.70	487.00	486.24	2.75	1.52	-24.76	-2,128.87	-105.22	2,125.02	2,120.82	4.20	506.014		
900.00	897.47	554.74	553.34	3.15	1.80	-24.92	-2,138.13	-104.30	2,124.57	2,119.76	4.80	442.350		
1,000.00	995.62	617.87	615.66	3.57	2.06	-25.11	-2,148.11	-103.08	2,122.94	2,117.54	5.40	393.078		
1,100.00	1,093.06	675.00	671.92	4.03	2.31	-25.34	-2,157.93	-101.63	2,119.79	2,113.80	5.99	354.073		
1,200.00	1,189.64	753.36	748.88	4.53	2.67	-25.67	-2,172.54	-100.24	2,114.96	2,108.28	6.67	316.922		
1,300.00	1,285.27	812.42	806.72	5.08	2.95	-25.94	-2,184.52	-100.03	2,108.72	2,101.42	7.30	288.915		
1,400.00	1,379.82	862.00	855.07	5.66	3.19	-26.21	-2,195.49	-99.88	2,101.43	2,093.53	7.90	266.007		
1,500.00	1,473.17	929.88	920.97	6.30	3.54	-26.60	-2,211.77	-99.54	2,092.95	2,084.34	8.60	243.277		
1,600.00	1,565.21	989.98	979.03	6.98	3.86	-27.01	-2,227.28	-98.90	2,083.29	2,074.00	9.29	224.213		
1,700.00	1,655.84	1,050.00	1,036.70	7.72	4.19	-27.47	-2,243.82	-97.50	2,072.50	2,062.49	10.01	207.014		
1,800.00	1,744.94	1,106.07	1,090.28	8.51	4.53	-27.96	-2,260.26	-95.93	2,060.69	2,049.95	10.74	191.873		
1,900.00	1,832.39	1,144.00	1,126.35	9.35	4.75	-28.35	-2,271.97	-94.99	2,048.10	2,036.69	11.41	179.497		
2,000.00	1,918.11	1,215.87	1,194.23	10.25	5.20	-29.03	-2,295.50	-93.20	2,034.44	2,022.16	12.28	165.674		
2,100.00	2,001.97	1,265.56	1,240.76	11.19	5.53	-29.58	-2,312.89	-91.90	2,020.26	2,007.18	13.07	154.515		
2,200.00	2,083.88	1,331.00	1,301.37	12.20	5.98	-30.30	-2,337.52	-90.36	2,005.86	1,991.87	13.99	143.355		
2,300.00	2,163.74	1,362.90	1,330.63	13.25	6.22	-30.75	-2,350.20	-89.61	1,990.77	1,976.00	14.77	134.818		
2,400.00	2,241.45	1,425.00	1,387.13	14.35	6.68	-31.53	-2,375.90	-87.90	1,975.39	1,959.64	15.75	125.384		
2,500.00	2,316.92	1,468.64	1,426.48	15.51	7.02	-32.16	-2,394.73	-86.43	1,959.46	1,942.77	16.68	117.457		
2,600.00	2,390.05	1,524.26	1,476.18	16.71	7.46	-32.98	-2,419.57	-84.18	1,943.11	1,925.37	17.74	109.562		
2,700.00	2,460.76	1,607.34	1,550.08	17.96	8.14	-34.20	-2,457.35	-80.23	1,925.60	1,906.56	19.04	101.148		
2,800.00	2,528.98	1,732.78	1,662.23	19.26	9.17	-36.07	-2,513.14	-73.80	1,905.19	1,884.48	20.71	91.983		
2,900.00	2,596.24	1,816.60	1,737.42	20.59	9.85	-37.23	-2,549.94	-69.39	1,884.28	1,862.11	22.17	85.000		
3,000.00	2,663.50	1,918.85	1,829.23	21.92	10.69	-38.68	-2,594.67	-64.25	1,864.24	1,840.42	23.81	78.283		
3,100.00	2,730.76	2,022.30	1,922.68	23.25	11.53	-40.17	-2,638.73	-59.33	1,844.03	1,818.50	25.53	72.227		
3,200.00	2,798.02	2,103.16	1,995.65	24.60	12.18	-41.35	-2,673.41	-55.64	1,825.19	1,798.05	27.14	67.242		
3,300.00	2,865.28	2,202.44	2,085.42	25.94	12.99	-42.82	-2,715.58	-51.36	1,807.02	1,778.07	28.96	62.408		
3,400.00	2,932.54	2,286.43	2,161.30	27.30	13.67	-44.06	-2,751.46	-48.35	1,790.01	1,759.31	30.71	58.292		
3,500.00	2,999.80	2,383.12	2,248.77	28.65	14.45	-45.53	-2,792.50	-44.76	1,773.96	1,741.33	32.62	54.379		
3,600.00	3,067.06	2,473.90	2,331.06	30.01	15.18	-46.91	-2,830.70	-41.67	1,758.66	1,724.11	34.55	50.903		
3,700.00	3,134.32	2,549.00	2,398.98	31.37	15.79	-48.08	-2,862.64	-39.00	1,745.01	1,708.60	36.40	47.934		
3,800.00	3,201.59	2,602.39	2,446.96	32.73	16.24	-48.91	-2,885.95	-36.87	1,733.75	1,695.64	38.11	45.489		
3,900.00	3,268.85	2,672.39	2,509.32	34.09	16.83	-49.99	-2,917.61	-33.81	1,725.26	1,685.25	40.01	43.124		
4,000.00	3,336.11	2,772.03	2,598.30	35.46	17.68	-51.57	-2,962.19	-28.94	1,717.89	1,675.64	42.24	40.665		
4,100.00	3,403.37	2,857.61	2,674.85	36.83	18.41	-52.94	-3,000.25	-24.90	1,711.53	1,667.14	44.39	38.554		
4,200.00	3,470.63	2,934.15	2,742.97	38.20	19.06	-54.15	-3,034.98	-21.67	1,707.02	1,660.53	46.48	36.722		
4,300.00	3,537.89	3,032.53	2,830.70	39.57	19.90	-55.72	-3,079.24	-16.98	1,703.74	1,654.88	48.86	34.871		
4,400.00	3,605.15	3,125.47	2,913.85	40.94	20.69	-57.23	-3,120.51	-12.38	1,701.43	1,650.22	51.22	33.221		
4,500.00	3,672.41	3,215.83	2,994.68	42.31	21.46	-58.68	-3,160.72	-8.41	1,700.26	1,646.68	53.58	31.733		
4,536.37	3,696.87	3,246.54	3,022.13	42.81	21.72	-59.17	-3,174.42	-7.13	1,700.16	1,645.74	54.42	31.240 CC		
4,600.00	3,739.67	3,300.89	3,070.70	43.68	22.18	-60.04	-3,198.71	-4.81	1,700.46	1,644.55	55.91	30.412		
4,700.00	3,806.93	3,405.99	3,164.79	45.06	23.07	-61.72	-3,245.38	-0.83	1,701.53	1,643.02	58.51	29.081		
4,800.00	3,874.19	3,486.00	3,236.54	46.43	23.75	-63.00	-3,280.63	2.13	1,703.64	1,642.80	60.83	28.004 ES		
4,900.00	3,941.46	3,563.44	3,305.98	47.81	24.40	-64.25	-3,314.74	5.62	1,707.55	1,644.41	63.14	27.044		
5,000.00	4,008.72	3,684.52	3,414.93	49.18	25.41	-66.22	-3,367.23	11.55	1,712.63	1,646.62	66.01	25.944		
5,100.00	4,075.98	3,749.93	3,473.87	50.56	25.96	-67.28	-3,395.42	14.62	1,718.66	1,650.47	68.19	25.205		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,143.24	3,860.96	3,573.95	51.94	26.88	-69.07	-3,443.23	19.77	1,726.08	1,655.13	70.95	24.327		
5,300.00	4,210.50	3,963.83	3,667.39	53.31	27.71	-70.74	-3,486.03	24.07	1,733.56	1,659.95	73.61	23.550		
5,400.00	4,277.76	4,048.00	3,743.91	54.69	28.39	-72.10	-3,520.95	27.35	1,742.15	1,666.13	76.02	22.916		
5,500.00	4,345.02	4,129.91	3,818.19	56.07	29.05	-73.39	-3,555.34	30.42	1,752.26	1,673.87	78.39	22.353		
5,600.00	4,412.28	4,205.03	3,886.05	57.45	29.67	-74.56	-3,587.41	33.23	1,764.08	1,683.43	80.65	21.874		
5,700.00	4,479.54	4,281.06	3,954.33	58.83	30.31	-75.71	-3,620.73	36.08	1,777.76	1,694.86	82.89	21.447		
5,800.00	4,546.80	4,359.04	4,024.14	60.21	30.97	-76.86	-3,655.33	39.26	1,793.13	1,707.98	85.14	21.061		
5,900.00	4,614.07	4,444.39	4,100.40	61.59	31.70	-78.10	-3,693.49	43.00	1,810.03	1,722.55	87.48	20.691		
6,000.00	4,681.33	4,539.90	4,186.15	62.97	32.51	-79.50	-3,735.34	47.19	1,827.56	1,737.61	89.95	20.318		
6,100.00	4,748.59	4,610.00	4,248.85	64.35	33.10	-80.49	-3,766.51	50.40	1,846.66	1,754.66	91.99	20.074		
6,200.00	4,815.85	4,690.24	4,320.41	65.73	33.79	-81.61	-3,802.60	54.44	1,867.38	1,773.21	94.17	19.830		
6,300.00	4,883.11	4,765.11	4,387.07	67.11	34.44	-82.64	-3,836.43	58.53	1,889.52	1,793.29	96.23	19.636		
6,400.00	4,950.37	4,849.42	4,461.74	68.49	35.18	-83.75	-3,875.29	63.25	1,913.10	1,814.69	98.42	19.439		
6,500.00	5,017.63	4,976.73	4,574.99	69.87	36.29	-85.41	-3,933.07	69.79	1,937.03	1,835.71	101.31	19.119		
6,600.00	5,084.89	5,073.61	4,661.61	71.25	37.12	-86.65	-3,976.30	73.44	1,960.30	1,856.64	103.66	18.911		
6,700.00	5,152.15	5,202.35	4,777.68	72.63	38.18	-88.29	-4,031.86	77.24	1,983.14	1,876.68	106.46	18.628		
6,800.00	5,219.41	5,296.97	4,863.64	74.02	38.94	-89.51	-4,071.32	79.69	2,006.16	1,897.48	108.68	18.460		
6,900.00	5,286.67	5,400.55	4,958.56	75.40	39.75	-90.86	-4,112.70	82.29	2,029.45	1,918.47	110.98	18.287		
7,000.00	5,353.94	5,513.83	5,063.42	76.78	40.59	-92.37	-4,155.45	85.02	2,052.99	1,939.66	113.33	18.115		
7,100.00	5,421.20	5,651.90	5,194.06	78.16	41.51	-94.35	-4,199.98	87.83	2,075.79	1,959.93	115.86	17.916		
7,200.00	5,488.46	5,733.35	5,272.09	79.55	42.00	-95.57	-4,223.25	89.38	2,098.79	1,981.22	117.57	17.851		
7,300.00	5,555.72	5,855.17	5,389.85	80.93	42.68	-97.44	-4,254.35	91.30	2,122.18	2,002.57	119.61	17.743		
7,400.00	5,622.98	5,967.31	5,499.38	82.31	43.23	-99.22	-4,278.33	92.36	2,145.76	2,024.38	121.38	17.678		
7,500.00	5,690.24	6,069.59	5,599.98	83.69	43.68	-100.89	-4,296.79	92.40	2,169.56	2,046.64	122.92	17.651 SF		
7,600.00	5,757.50	6,155.82	5,685.24	85.08	44.02	-102.33	-4,309.67	92.36	2,194.49	2,070.29	124.20	17.670		
7,700.00	5,824.76	6,243.53	5,772.24	86.46	44.34	-103.81	-4,320.77	92.20	2,220.71	2,095.35	125.36	17.714		
7,800.00	5,892.02	6,326.67	5,854.91	87.84	44.62	-105.23	-4,329.64	91.73	2,248.14	2,121.76	126.38	17.789		
7,900.00	5,959.28	6,397.84	5,925.81	89.23	44.83	-106.45	-4,335.76	91.41	2,277.22	2,150.00	127.21	17.901		
8,000.00	6,026.55	6,468.72	5,996.54	90.61	45.02	-107.68	-4,340.24	91.22	2,308.03	2,180.11	127.92	18.043		
8,100.00	6,093.81	6,556.45	6,084.17	91.99	45.24	-109.20	-4,344.47	90.80	2,340.39	2,211.79	128.60	18.199		
8,200.00	6,161.07	6,623.17	6,150.81	93.38	45.40	-110.34	-4,347.62	90.14	2,374.06	2,244.96	129.10	18.389		
8,300.00	6,228.33	6,682.12	6,209.74	94.76	45.53	-111.36	-4,349.22	89.83	2,409.71	2,280.24	129.46	18.613		
8,400.00	6,295.59	6,752.43	6,280.05	96.14	45.67	-112.57	-4,350.09	89.49	2,447.08	2,317.31	129.77	18.857		
8,500.00	6,362.85	6,831.08	6,358.69	97.53	45.81	-113.92	-4,350.37	88.89	2,485.91	2,355.88	130.03	19.118		
8,600.00	6,430.11	6,905.22	6,432.83	98.91	45.93	-115.16	-4,350.47	88.00	2,525.99	2,395.79	130.21	19.400		
8,700.00	6,497.37	6,973.16	6,500.76	100.29	46.04	-116.28	-4,350.42	87.08	2,567.48	2,437.18	130.30	19.704		
8,800.00	6,564.63	7,035.66	6,563.25	101.68	46.14	-117.30	-4,350.14	86.28	2,610.48	2,480.16	130.32	20.031		
8,900.00	6,631.89	7,120.42	6,648.01	103.06	46.28	-118.66	-4,349.84	85.06	2,654.73	2,524.33	130.40	20.359		
9,000.00	6,699.15	7,189.30	6,716.87	104.45	46.40	-119.72	-4,350.12	83.83	2,699.92	2,569.52	130.39	20.706		
9,100.00	6,766.42	7,253.08	6,780.64	105.83	46.52	-120.69	-4,350.66	82.85	2,746.42	2,616.07	130.35	21.069		
9,200.00	6,833.68	7,318.20	6,845.76	107.22	46.65	-121.65	-4,351.24	81.95	2,794.14	2,663.85	130.29	21.445		
9,300.00	6,900.94	7,389.80	6,917.35	108.60	46.78	-122.69	-4,351.68	80.91	2,842.95	2,712.71	130.24	21.828		
9,400.00	6,968.20	7,457.49	6,985.02	109.98	46.90	-123.67	-4,351.73	79.75	2,892.73	2,762.59	130.14	22.228		
9,500.00	7,035.46	7,514.00	7,041.53	111.37	47.00	-124.46	-4,351.58	78.79	2,943.57	2,813.62	129.95	22.651		
9,600.00	7,101.31	7,567.21	7,094.73	112.79	47.09	-132.87	-4,351.31	78.07	2,999.72	2,869.94	129.78	23.115		
9,700.00	7,161.49	7,608.00	7,135.52	114.30	47.16	-143.30	-4,351.05	77.76	3,069.39	2,939.74	129.65	23.674		
9,800.00	7,214.06	7,651.59	7,179.11	115.85	47.23	-154.72	-4,350.73	77.62	3,150.27	3,020.61	129.66	24.296		
9,900.00	7,257.41	7,685.08	7,212.59	117.39	47.28	-169.70	-4,350.47	77.64	3,239.45	3,109.72	129.73	24.971		
10,000.00	7,290.24	7,712.22	7,239.73	118.87	47.33	-165.61	-4,350.26	77.73	3,333.95	3,204.10	129.85	25.675		
10,100.00	7,311.53	7,732.48	7,259.99	120.23	47.36	-126.97	-4,350.11	77.81	3,430.82	3,300.80	130.02	26.387		
10,200.00	7,320.66	7,740.89	7,268.40	121.43	47.37	94.05	-4,350.06	77.85	3,527.23	3,397.03	130.20	27.091		
10,300.00	7,321.00	7,740.78	7,268.30	122.51	47.37	88.88	-4,350.06	77.85	3,621.86	3,491.48	130.39	27.778		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	7,740.35	7,267.86	123.62	47.37	88.86	-4,350.06	77.84	3,716.68	3,586.12	130.56	28.467		
10,500.00	7,321.00	7,739.92	7,267.43	124.77	47.37	88.84	-4,350.06	77.84	3,811.76	3,681.04	130.72	29.160		
10,600.00	7,321.00	7,739.49	7,267.00	125.95	47.37	88.82	-4,350.07	77.84	3,907.09	3,776.22	130.87	29.854		
10,700.00	7,321.00	7,739.06	7,266.57	127.17	47.37	88.80	-4,350.07	77.84	4,002.64	3,871.63	131.01	30.552		
10,800.00	7,321.00	7,738.63	7,266.15	128.43	47.37	88.78	-4,350.07	77.84	4,098.41	3,967.26	131.15	31.251		
10,900.00	7,321.00	7,738.21	7,265.72	129.72	47.37	88.76	-4,350.08	77.83	4,194.37	4,063.10	131.27	31.952		
11,000.00	7,321.00	7,737.79	7,265.30	131.05	47.37	88.74	-4,350.08	77.83	4,290.52	4,159.13	131.39	32.656		
11,100.00	7,321.00	7,737.37	7,264.88	132.41	47.37	88.72	-4,350.08	77.83	4,386.84	4,255.34	131.50	33.361		
11,200.00	7,321.00	7,736.95	7,264.46	133.81	47.37	88.70	-4,350.08	77.83	4,483.32	4,351.72	131.60	34.067		
11,300.00	7,321.00	7,736.53	7,264.04	135.25	47.37	88.68	-4,350.09	77.83	4,579.96	4,448.25	131.70	34.775		
11,400.00	7,321.00	7,736.12	7,263.63	136.72	47.37	88.65	-4,350.09	77.82	4,676.73	4,544.93	131.80	35.485		
11,500.00	7,321.00	7,735.70	7,263.22	138.22	47.37	88.63	-4,350.09	77.82	4,773.64	4,641.75	131.89	36.195		
11,600.00	7,321.00	7,735.29	7,262.80	139.76	47.36	88.61	-4,350.09	77.82	4,870.67	4,738.70	131.97	36.907		
11,700.00	7,321.00	7,734.88	7,262.39	141.34	47.36	88.59	-4,350.10	77.82	4,967.82	4,835.77	132.05	37.620		
11,800.00	7,321.00	7,734.47	7,261.99	142.94	47.36	88.57	-4,350.10	77.82	5,065.08	4,932.95	132.13	38.334		
11,900.00	7,321.00	7,734.07	7,261.58	144.58	47.36	88.55	-4,350.10	77.82	5,162.45	5,030.24	132.20	39.049		
12,000.00	7,321.00	7,733.66	7,261.18	146.25	47.36	88.53	-4,350.11	77.81	5,259.91	5,127.63	132.28	39.765		
12,100.00	7,321.00	7,733.26	7,260.77	147.95	47.36	88.51	-4,350.11	77.81	5,357.47	5,225.12	132.34	40.482		
12,200.00	7,321.00	7,732.86	7,260.37	149.67	47.36	88.49	-4,350.11	77.81	5,455.11	5,322.70	132.41	41.199		
12,300.00	7,321.00	7,732.46	7,259.97	151.43	47.36	88.48	-4,350.11	77.81	5,552.84	5,420.37	132.47	41.917		
12,400.00	7,321.00	7,732.06	7,259.58	153.22	47.36	88.46	-4,350.12	77.81	5,650.65	5,518.12	132.53	42.635		
12,500.00	7,321.00	7,731.67	7,259.18	155.04	47.36	88.44	-4,350.12	77.81	5,748.54	5,615.94	132.59	43.355		
12,600.00	7,321.00	7,731.27	7,258.79	156.88	47.36	88.42	-4,350.12	77.80	5,846.49	5,713.84	132.65	44.074		
12,700.00	7,321.00	7,730.88	7,258.40	158.75	47.36	88.40	-4,350.12	77.80	5,944.52	5,811.81	132.71	44.795		
12,800.00	7,321.00	7,730.49	7,258.00	160.65	47.36	88.38	-4,350.13	77.80	6,042.61	5,909.85	132.76	45.515		
12,900.00	7,321.00	7,730.10	7,257.62	162.57	47.36	88.36	-4,350.13	77.80	6,140.76	6,007.94	132.81	46.236		
13,000.00	7,321.00	7,729.71	7,257.23	164.51	47.36	88.34	-4,350.13	77.80	6,238.97	6,106.10	132.86	46.958		
13,100.00	7,321.00	7,729.33	7,256.84	166.48	47.35	88.32	-4,350.13	77.80	6,337.23	6,204.32	132.91	47.680		
13,200.00	7,321.00	7,728.95	7,256.46	168.48	47.35	88.30	-4,350.14	77.79	6,435.55	6,302.59	132.96	48.402		
13,300.00	7,321.00	7,728.56	7,256.08	170.49	47.35	88.28	-4,350.14	77.79	6,533.92	6,400.91	133.01	49.124		
13,400.00	7,321.00	7,728.18	7,255.70	172.52	47.35	88.27	-4,350.14	77.79	6,632.34	6,499.28	133.05	49.847		
13,500.00	7,321.00	7,727.80	7,255.32	174.58	47.35	88.25	-4,350.14	77.79	6,730.80	6,597.70	133.10	50.569		
13,600.00	7,321.00	7,727.43	7,254.94	176.66	47.35	88.23	-4,350.15	77.79	6,829.31	6,696.17	133.14	51.292		
13,700.00	7,321.00	7,727.05	7,254.56	178.75	47.35	88.21	-4,350.15	77.79	6,927.86	6,794.68	133.19	52.016		
13,800.00	7,321.00	7,726.67	7,254.19	180.87	47.35	88.19	-4,350.15	77.78	7,026.46	6,893.23	133.23	52.739		
13,900.00	7,321.00	7,726.30	7,253.82	183.00	47.35	88.17	-4,350.15	77.78	7,125.09	6,991.82	133.27	53.462		
14,000.00	7,321.00	7,725.93	7,253.44	185.15	47.35	88.15	-4,350.16	77.78	7,223.76	7,090.44	133.32	54.186		
14,100.00	7,321.00	7,725.56	7,253.07	187.32	47.35	88.14	-4,350.16	77.78	7,322.47	7,189.11	133.36	54.909		
14,200.00	7,321.00	7,725.19	7,252.71	189.50	47.35	88.12	-4,350.16	77.78	7,421.21	7,287.81	133.40	55.633		
14,300.00	7,321.00	7,724.83	7,252.34	191.70	47.35	88.10	-4,350.17	77.78	7,519.98	7,386.54	133.44	56.356		
14,400.00	7,321.00	7,724.46	7,251.97	193.92	47.35	88.08	-4,350.17	77.78	7,618.79	7,485.31	133.48	57.080		
14,500.00	7,321.00	7,724.10	7,251.61	196.15	47.35	88.06	-4,350.17	77.77	7,717.62	7,584.11	133.51	57.804		
14,600.00	7,321.00	7,723.73	7,251.25	198.39	47.34	88.05	-4,350.17	77.77	7,816.49	7,682.94	133.55	58.527		
14,700.00	7,321.00	7,723.37	7,250.89	200.65	47.34	88.03	-4,350.18	77.77	7,915.38	7,781.79	133.59	59.251		
14,800.00	7,321.00	7,723.01	7,250.53	202.92	47.34	88.01	-4,350.18	77.77	8,014.31	7,880.68	133.63	59.974		
14,900.00	7,321.00	7,722.66	7,250.17	205.20	47.34	87.99	-4,350.18	77.77	8,113.25	7,979.59	133.67	60.697		
15,000.00	7,321.00	7,722.30	7,249.81	207.50	47.34	87.98	-4,350.18	77.77	8,212.23	8,078.52	133.70	61.421		
15,100.00	7,321.00	7,721.94	7,249.46	209.80	47.34	87.96	-4,350.19	77.77	8,311.23	8,177.49	133.74	62.144		
15,200.00	7,321.00	7,721.59	7,249.10	212.12	47.34	87.94	-4,350.19	77.76	8,410.25	8,276.47	133.78	62.867		
15,300.00	7,321.00	7,721.24	7,248.75	214.45	47.34	87.92	-4,350.19	77.76	8,509.29	8,375.48	133.82	63.590		
15,400.00	7,321.00	7,720.89	7,248.40	216.79	47.34	87.91	-4,350.19	77.76	8,608.36	8,474.51	133.85	64.313		
15,500.00	7,321.00	7,720.54	7,248.05	219.15	47.34	87.89	-4,350.20	77.76	8,707.45	8,573.56	133.89	65.035		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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
<b>Survey Program:</b> 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	7,321.00	7,720.19	7,247.70	221.51	47.34	87.87	-4,350.20	77.76	8,806.56	8,672.63	133.92	65.758	
15,700.00	7,321.00	7,719.84	7,247.36	223.88	47.34	87.86	-4,350.20	77.76	8,905.69	8,771.73	133.96	66.480	
15,800.00	7,321.00	7,719.50	7,247.01	226.26	47.34	87.84	-4,350.20	77.76	9,004.84	8,870.84	134.00	67.202	
15,900.00	7,321.00	7,719.16	7,246.67	228.65	47.34	87.82	-4,350.21	77.75	9,104.00	8,969.97	134.03	67.924	
16,000.00	7,321.00	7,718.81	7,246.33	231.04	47.34	87.81	-4,350.21	77.75	9,203.19	9,069.12	134.07	68.645	
16,100.00	7,321.00	7,718.47	7,245.99	233.45	47.34	87.79	-4,350.21	77.75	9,302.39	9,168.28	134.10	69.367	
16,200.00	7,321.00	7,718.13	7,245.65	235.86	47.34	87.77	-4,350.21	77.75	9,401.61	9,267.47	134.14	70.088	
16,300.00	7,321.00	7,717.79	7,245.31	238.28	47.33	87.76	-4,350.22	77.75	9,500.84	9,366.67	134.18	70.809	
16,400.00	7,321.00	7,717.46	7,244.97	240.71	47.33	87.74	-4,350.22	77.75	9,600.09	9,465.88	134.21	71.530	
16,500.00	7,321.00	7,717.12	7,244.64	243.15	47.33	87.72	-4,350.22	77.75	9,699.36	9,565.11	134.25	72.250	
16,600.00	7,321.00	7,716.79	7,244.30	245.59	47.33	87.71	-4,350.22	77.74	9,798.64	9,664.36	134.28	72.970	
16,700.00	7,321.00	7,716.45	7,243.97	248.05	47.33	87.69	-4,350.23	77.74	9,897.94	9,763.62	134.32	73.690	
16,800.00	7,321.00	7,716.12	7,243.64	250.50	47.33	87.67	-4,350.23	77.74	9,997.25	9,862.89	134.35	74.409	
16,900.00	7,321.00	7,715.79	7,243.31	252.97	47.33	87.66	-4,350.23	77.74	10,096.57	9,962.18	134.39	75.129	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	107.20	107.20	0.27	0.16	-178.20	-2,109.88	-66.35	2,111.23	2,110.80	0.43	4,880.551		
200.00	200.00	185.00	184.99	0.63	0.45	-178.21	-2,109.34	-65.92	2,110.41	2,109.33	1.08	1,949.995		
213.99	213.99	185.00	184.99	0.68	0.45	-178.21	-2,109.34	-65.92	2,110.37	2,109.23	1.13	1,863.300		
300.00	300.00	239.36	239.35	0.99	0.65	-178.23	-2,109.75	-65.26	2,111.00	2,109.36	1.63	1,292.365		
400.00	400.00	298.50	298.45	1.34	0.86	-178.26	-2,111.20	-64.07	2,113.42	2,111.22	2.20	959.938		
500.00	499.98	366.00	365.83	1.69	1.10	-25.83	-2,114.48	-61.65	2,116.43	2,113.64	2.78	760.656		
600.00	599.84	403.90	403.58	2.03	1.24	-25.89	-2,117.18	-59.77	2,118.36	2,115.11	3.26	650.792		
700.00	699.45	457.00	456.35	2.38	1.44	-26.03	-2,122.12	-56.54	2,119.62	2,115.83	3.79	559.425		
800.00	798.70	512.80	511.63	2.75	1.66	-26.22	-2,128.50	-52.44	2,119.91	2,115.56	4.35	487.650		
900.00	897.47	575.44	573.49	3.15	1.93	-26.50	-2,136.77	-47.04	2,118.97	2,114.03	4.94	428.672		
1,000.00	995.62	644.00	640.95	3.57	2.23	-26.87	-2,146.87	-40.13	2,116.58	2,111.00	5.58	379.486		
1,100.00	1,093.06	712.29	707.92	4.03	2.54	-27.30	-2,157.87	-32.58	2,112.63	2,106.40	6.23	339.021		
1,200.00	1,189.64	781.76	775.88	4.53	2.87	-27.79	-2,169.92	-24.63	2,107.09	2,100.18	6.91	305.018		
1,300.00	1,285.27	832.00	824.90	5.08	3.12	-28.20	-2,179.19	-18.74	2,100.13	2,092.61	7.52	279.412		
1,400.00	1,379.82	900.92	891.86	5.66	3.48	-28.79	-2,193.07	-10.20	2,091.99	2,083.76	8.23	254.071		
1,500.00	1,473.17	963.84	952.61	6.30	3.82	-29.40	-2,207.04	-1.65	2,083.07	2,074.12	8.95	232.727		
1,600.00	1,565.21	1,019.00	1,005.62	6.98	4.13	-30.01	-2,219.80	6.71	2,072.85	2,063.20	9.65	214.716		
1,700.00	1,655.84	1,087.97	1,071.56	7.72	4.54	-30.82	-2,236.70	17.81	2,061.54	2,051.08	10.46	197.063		
1,800.00	1,744.94	1,149.77	1,130.30	8.51	4.92	-31.60	-2,252.91	28.06	2,049.49	2,038.22	11.27	181.897		
1,900.00	1,832.39	1,206.00	1,183.48	9.35	5.27	-32.39	-2,268.22	38.05	2,036.44	2,024.37	12.08	168.612		
2,000.00	1,918.11	1,260.50	1,234.67	10.25	5.64	-33.21	-2,283.87	48.23	2,022.87	2,009.95	12.92	156.570		
2,100.00	2,001.97	1,300.00	1,271.52	11.19	5.91	-33.88	-2,295.93	55.81	2,009.20	1,995.49	13.71	146.552		
2,200.00	2,083.88	1,352.19	1,319.81	12.20	6.29	-34.75	-2,312.85	66.10	1,995.50	1,980.89	14.62	136.505		
2,300.00	2,163.74	1,394.00	1,358.14	13.25	6.60	-35.51	-2,327.25	74.56	1,981.99	1,966.49	15.50	127.856		
2,400.00	2,241.45	1,450.39	1,409.40	14.35	7.04	-36.53	-2,347.51	86.48	1,968.49	1,951.96	16.53	119.067		
2,500.00	2,316.92	1,507.98	1,461.30	15.51	7.50	-37.63	-2,368.87	99.40	1,954.92	1,937.29	17.63	110.913		
2,600.00	2,390.05	1,581.00	1,526.81	16.71	8.11	-39.05	-2,396.38	116.21	1,940.89	1,921.99	18.89	102.724		
2,700.00	2,460.76	1,665.77	1,602.80	17.96	8.82	-40.76	-2,428.23	136.14	1,925.97	1,905.64	20.33	94.754		
2,800.00	2,528.98	1,754.21	1,682.20	19.26	9.57	-42.63	-2,460.75	157.55	1,909.93	1,888.06	21.87	87.327		
2,900.00	2,596.24	1,838.07	1,757.62	20.59	10.28	-44.27	-2,490.91	178.43	1,894.59	1,871.14	23.45	80.797		
3,000.00	2,663.50	1,919.88	1,831.26	21.92	10.97	-45.91	-2,519.81	199.23	1,881.14	1,856.07	25.07	75.045		
3,100.00	2,730.76	1,991.02	1,895.31	23.25	11.58	-47.36	-2,544.50	217.94	1,869.81	1,843.16	26.65	70.170		
3,200.00	2,798.02	2,050.00	1,948.35	24.60	12.08	-48.55	-2,565.65	232.70	1,861.14	1,832.98	28.16	66.100		
3,300.00	2,865.28	2,107.99	2,000.29	25.94	12.59	-49.71	-2,587.07	247.05	1,855.42	1,825.73	29.69	62.493		
3,400.00	2,932.54	2,176.20	2,061.01	27.30	13.19	-51.08	-2,612.75	264.57	1,852.83	1,821.48	31.35	59.092		
3,489.36	2,992.65	2,257.78	2,133.84	28.51	13.92	-52.74	-2,642.93	285.53	1,852.07	1,818.99	33.08	55.982 CC		
3,500.00	2,999.80	2,265.60	2,140.83	28.65	13.99	-52.90	-2,645.82	287.52	1,852.08	1,818.81	33.27	55.664		
3,600.00	3,067.06	2,341.47	2,208.64	30.01	14.66	-54.42	-2,674.11	306.47	1,853.52	1,818.42	35.09	52.819 ES		
3,700.00	3,134.32	2,429.54	2,287.48	31.37	15.43	-56.18	-2,706.85	328.11	1,856.94	1,819.86	37.08	50.083		
3,800.00	3,201.59	2,507.16	2,357.06	32.73	16.11	-57.72	-2,735.68	346.86	1,862.34	1,823.36	38.99	47.769		
3,900.00	3,268.85	2,583.62	2,425.61	34.09	16.78	-59.23	-2,764.25	365.06	1,869.91	1,828.99	40.91	45.704		
4,000.00	3,336.11	2,657.38	2,491.72	35.46	17.43	-60.67	-2,791.74	382.77	1,879.69	1,836.85	42.84	43.881		
4,100.00	3,403.37	2,730.47	2,557.20	36.83	18.07	-62.11	-2,818.87	400.61	1,891.77	1,847.00	44.77	42.254		
4,200.00	3,470.63	2,799.00	2,618.62	38.20	18.68	-63.45	-2,843.99	417.74	1,906.08	1,859.41	46.67	40.844		
4,300.00	3,537.89	2,859.63	2,672.79	39.57	19.22	-64.63	-2,866.47	433.10	1,922.95	1,874.48	48.47	39.673		
4,400.00	3,605.15	2,940.14	2,744.35	40.94	19.95	-66.16	-2,897.27	453.43	1,942.43	1,891.90	50.54	38.437		
4,500.00	3,672.41	3,046.53	2,839.49	42.31	20.89	-68.15	-2,937.20	479.31	1,962.84	1,909.88	52.96	37.065		
4,600.00	3,739.67	3,145.02	2,928.16	43.68	21.75	-69.97	-2,973.22	502.57	1,984.18	1,928.90	55.28	35.893		
4,700.00	3,806.93	3,210.55	2,987.31	45.06	22.32	-71.17	-2,996.95	517.82	2,006.99	1,949.82	57.16	35.109		
4,800.00	3,874.19	3,268.00	3,038.83	46.43	22.82	-72.19	-3,018.35	531.56	2,032.43	1,973.51	58.92	34.495		
4,900.00	3,941.46	3,349.81	3,112.03	47.81	23.54	-73.63	-3,049.14	551.22	2,059.88	1,998.86	61.01	33.762		
5,000.00	4,008.72	3,448.18	3,200.37	49.18	24.41	-75.33	-3,085.79	574.23	2,088.30	2,024.96	63.34	32.970		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
5,100.00	4,075.98	3,524.03	3,268.67	50.56	25.06	-76.61	-3,113.76	591.69	2,117.85	2,052.52	65.33	32.420		
5,200.00	4,143.24	3,582.16	3,321.02	51.94	25.57	-77.58	-3,135.03	605.36	2,149.19	2,082.16	67.03	32.064		
5,300.00	4,210.50	3,642.00	3,374.69	53.31	26.10	-78.58	-3,156.87	620.29	2,182.91	2,114.18	68.73	31.761		
5,400.00	4,277.76	3,715.03	3,440.20	54.69	26.74	-79.78	-3,183.18	638.98	2,218.43	2,147.82	70.61	31.419		
5,500.00	4,345.02	3,800.03	3,516.70	56.07	27.49	-81.16	-3,213.39	660.43	2,254.89	2,182.23	72.66	31.034		
5,600.00	4,412.28	3,886.85	3,594.87	57.45	28.24	-82.53	-3,244.49	681.89	2,292.36	2,217.64	74.72	30.679		
5,700.00	4,479.54	3,960.36	3,661.22	58.83	28.88	-83.66	-3,270.50	699.90	2,330.79	2,254.24	76.55	30.448		
5,800.00	4,546.80	4,017.00	3,712.24	60.21	29.37	-84.52	-3,290.68	713.99	2,370.77	2,292.69	78.08	30.365		
5,900.00	4,614.07	4,073.19	3,762.62	61.59	29.88	-85.35	-3,311.05	728.28	2,412.46	2,332.89	79.57	30.318		
6,000.00	4,681.33	4,127.78	3,811.24	62.97	30.37	-86.13	-3,331.35	742.57	2,455.93	2,374.92	81.01	30.315		
6,100.00	4,748.59	4,191.97	3,868.06	64.35	30.97	-87.01	-3,355.92	759.53	2,500.83	2,418.22	82.61	30.273		
6,200.00	4,815.85	4,251.96	3,920.82	65.73	31.54	-87.80	-3,379.57	775.49	2,546.99	2,462.87	84.12	30.279		
6,300.00	4,883.11	4,322.53	3,982.49	67.11	32.21	-88.70	-3,408.14	794.51	2,594.42	2,508.61	85.81	30.234		
6,400.00	4,950.37	4,416.46	4,064.76	68.49	33.11	-89.86	-3,446.08	819.29	2,642.11	2,554.18	87.94	30.045		
6,500.00	5,017.63	4,486.00	4,125.91	69.87	33.77	-90.70	-3,473.51	837.86	2,690.62	2,601.03	89.58	30.035		
6,600.00	5,084.89	4,573.72	4,203.48	71.25	34.59	-91.77	-3,507.00	861.42	2,739.76	2,648.22	91.54	29.930		
6,700.00	5,152.15	4,688.90	4,306.14	72.63	35.63	-93.14	-3,549.80	891.35	2,788.74	2,694.77	93.97	29.677		
6,800.00	5,219.41	4,767.00	4,376.23	74.02	36.33	-94.06	-3,578.05	911.06	2,837.70	2,742.00	95.70	29.653		
6,900.00	5,286.67	4,834.08	4,436.50	75.40	36.92	-94.83	-3,602.09	928.09	2,887.42	2,790.22	97.20	29.705		
7,000.00	5,353.94	4,925.02	4,517.85	76.78	37.74	-95.83	-3,635.43	951.33	2,938.00	2,838.86	99.14	29.634		
7,100.00	5,421.20	5,035.43	4,616.95	78.16	38.71	-97.00	-3,676.11	978.06	2,987.98	2,886.56	101.42	29.461		
7,200.00	5,488.46	5,105.27	4,680.00	79.55	39.32	-97.73	-3,701.12	994.71	3,038.27	2,935.33	102.94	29.515		
7,300.00	5,555.72	5,167.72	4,736.18	80.93	39.86	-98.37	-3,723.62	1,010.09	3,089.70	2,985.38	104.31	29.619		
7,400.00	5,622.98	5,235.00	4,796.75	82.31	40.45	-99.04	-3,747.85	1,026.55	3,141.55	3,035.79	105.76	29.704		
7,500.00	5,690.24	5,299.53	4,854.64	83.69	41.03	-99.66	-3,771.47	1,042.50	3,194.14	3,086.98	107.16	29.808		
7,600.00	5,757.50	5,368.53	4,916.08	85.08	41.65	-100.29	-3,797.49	1,060.07	3,247.75	3,139.11	108.64	29.895		
7,700.00	5,824.76	5,488.12	5,022.82	86.46	42.73	-101.36	-3,842.48	1,089.81	3,301.37	3,190.31	111.06	29.726		
7,800.00	5,892.02	5,582.25	5,107.46	87.84	43.55	-102.18	-3,877.09	1,112.16	3,354.40	3,241.43	112.97	29.693		
7,900.00	5,959.28	5,679.94	5,196.01	89.23	44.39	-103.04	-3,911.44	1,135.02	3,407.59	3,292.68	114.91	29.656		
8,000.00	6,026.55	5,738.73	5,249.44	90.61	44.89	-103.55	-3,931.87	1,148.59	3,460.94	3,344.81	116.13	29.802		
8,100.00	6,093.81	5,797.00	5,302.14	91.99	45.38	-104.04	-3,952.39	1,162.62	3,515.38	3,398.04	117.34	29.959		
8,200.00	6,161.07	5,857.95	5,357.28	93.38	45.90	-104.55	-3,973.62	1,177.57	3,570.53	3,451.95	118.58	30.111		
8,300.00	6,228.33	5,919.63	5,413.38	94.76	46.43	-105.06	-3,994.38	1,192.60	3,626.04	3,506.22	119.81	30.264		
8,400.00	6,295.59	5,965.20	5,454.75	96.14	46.81	-105.43	-4,009.68	1,204.04	3,682.43	3,561.69	120.74	30.499		
8,500.00	6,362.85	6,070.31	5,550.40	97.53	47.69	-106.28	-4,044.21	1,230.61	3,739.42	3,616.68	122.73	30.467		
8,600.00	6,430.11	6,277.04	5,739.68	98.91	49.38	-107.88	-4,112.81	1,277.51	3,794.31	3,667.83	126.48	29.998		
8,700.00	6,497.37	6,405.66	5,859.27	100.29	50.34	-108.88	-4,152.02	1,303.89	3,848.48	3,719.76	128.72	29.899		
8,800.00	6,564.63	6,513.08	5,960.91	101.68	51.07	-109.77	-4,180.30	1,323.92	3,901.78	3,771.30	130.48	29.904		
8,900.00	6,631.89	6,792.12	6,229.85	103.06	52.67	-112.17	-4,240.73	1,366.73	3,953.72	3,819.52	134.20	29.461		
9,000.00	6,699.15	6,967.70	6,401.06	104.45	53.55	-113.68	-4,274.50	1,386.01	4,002.92	3,866.56	136.36	29.355 SF		
9,100.00	6,766.42	7,041.92	6,473.70	105.83	53.90	-114.31	-4,288.01	1,393.03	4,051.68	3,914.25	137.43	29.483		
9,200.00	6,833.68	7,092.34	6,523.17	107.22	54.13	-114.74	-4,296.42	1,397.90	4,101.27	3,963.05	138.22	29.671		
9,300.00	6,900.94	7,143.24	6,573.21	108.60	54.35	-115.18	-4,304.24	1,402.99	4,151.80	4,012.81	138.99	29.872		
9,400.00	6,968.20	7,203.00	6,632.03	109.98	54.61	-115.70	-4,312.79	1,409.19	4,203.23	4,063.42	139.80	30.065		
9,500.00	7,035.46	7,461.95	6,888.82	111.37	55.52	-118.01	-4,339.40	1,428.14	4,253.71	4,111.63	142.08	29.939		
9,600.00	7,101.31	7,567.60	6,994.21	112.79	55.80	-125.99	-4,345.61	1,431.95	4,307.09	4,164.08	143.00	30.119		
9,700.00	7,161.49	7,639.05	7,065.57	114.30	55.97	-135.17	-4,348.73	1,433.89	4,373.87	4,230.19	143.68	30.442		
9,800.00	7,214.06	7,737.94	7,164.40	115.85	56.18	-144.68	-4,351.68	1,435.41	4,452.02	4,307.62	144.40	30.831		
9,900.00	7,257.41	7,836.77	7,263.20	117.39	56.37	-156.05	-4,353.69	1,435.57	4,539.02	4,394.03	144.99	31.306		
10,000.00	7,290.24	7,870.61	7,297.05	118.87	56.43	-173.32	-4,354.15	1,435.40	4,632.60	4,487.38	145.22	31.900		
10,100.00	7,311.53	7,887.83	7,314.26	120.23	56.46	149.30	-4,354.41	1,435.34	4,729.97	4,584.68	145.29	32.555		
10,200.00	7,320.66	7,895.26	7,321.69	121.43	56.47	99.27	-4,354.53	1,435.32	4,828.18	4,682.95	145.23	33.245		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
10,300.00	7,321.00	7,895.70	7,322.13	122.51	56.47	91.49	-4,354.54	1,435.32	4,925.37	4,780.28	145.09	33.947		
10,400.00	7,321.00	7,895.87	7,322.30	123.62	56.48	91.50	-4,354.54	1,435.32	5,022.61	4,877.66	144.95	34.650		
10,500.00	7,321.00	7,896.04	7,322.47	124.77	56.48	91.50	-4,354.54	1,435.32	5,119.95	4,975.14	144.82	35.354		
10,600.00	7,321.00	7,896.21	7,322.64	125.95	56.48	91.51	-4,354.55	1,435.32	5,217.40	5,072.71	144.69	36.059		
10,700.00	7,321.00	7,896.37	7,322.80	127.17	56.48	91.52	-4,354.55	1,435.32	5,314.94	5,170.37	144.57	36.765		
10,800.00	7,321.00	7,896.54	7,322.96	128.43	56.48	91.53	-4,354.55	1,435.32	5,412.56	5,268.12	144.45	37.471		
10,900.00	7,321.00	7,896.70	7,323.13	129.72	56.48	91.54	-4,354.55	1,435.32	5,510.28	5,365.95	144.33	38.178		
11,000.00	7,321.00	7,896.86	7,323.28	131.05	56.48	91.54	-4,354.56	1,435.32	5,608.07	5,463.85	144.22	38.885		
11,100.00	7,321.00	7,897.01	7,323.44	132.41	56.48	91.55	-4,354.56	1,435.32	5,705.94	5,561.83	144.11	39.593		
11,200.00	7,321.00	7,897.17	7,323.60	133.81	56.48	91.56	-4,354.56	1,435.32	5,803.88	5,659.87	144.01	40.302		
11,300.00	7,321.00	7,897.32	7,323.75	135.25	56.48	91.57	-4,354.56	1,435.32	5,901.90	5,757.99	143.91	41.011		
11,400.00	7,321.00	7,897.47	7,323.90	136.72	56.48	91.57	-4,354.57	1,435.32	5,999.97	5,856.16	143.82	41.720		
11,500.00	7,321.00	7,897.62	7,324.05	138.22	56.48	91.58	-4,354.57	1,435.32	6,098.11	5,954.39	143.72	42.429		
11,600.00	7,321.00	7,897.77	7,324.20	139.76	56.48	91.59	-4,354.57	1,435.32	6,196.31	6,052.68	143.63	43.139		
11,700.00	7,321.00	7,897.91	7,324.34	141.34	56.48	91.60	-4,354.57	1,435.32	6,294.57	6,151.02	143.55	43.850		
11,800.00	7,321.00	7,898.06	7,324.48	142.94	56.48	91.60	-4,354.58	1,435.31	6,392.88	6,249.41	143.47	44.560		
11,900.00	7,321.00	7,898.20	7,324.63	144.58	56.48	91.61	-4,354.58	1,435.31	6,491.24	6,347.86	143.39	45.271		
12,000.00	7,321.00	7,898.34	7,324.77	146.25	56.48	91.62	-4,354.58	1,435.31	6,589.65	6,446.34	143.31	45.982		
12,100.00	7,321.00	7,898.48	7,324.91	147.95	56.48	91.62	-4,354.58	1,435.31	6,688.11	6,544.88	143.24	46.693		
12,200.00	7,321.00	7,898.61	7,325.04	149.67	56.48	91.63	-4,354.59	1,435.31	6,786.61	6,643.45	143.16	47.404		
12,300.00	7,321.00	7,898.75	7,325.18	151.43	56.48	91.64	-4,354.59	1,435.31	6,885.16	6,742.07	143.10	48.116		
12,400.00	7,321.00	7,898.88	7,325.31	153.22	56.48	91.64	-4,354.59	1,435.31	6,983.75	6,840.72	143.03	48.827		
12,500.00	7,321.00	7,899.02	7,325.44	155.04	56.48	91.65	-4,354.59	1,435.31	7,082.38	6,939.41	142.97	49.539		
12,600.00	7,321.00	7,899.15	7,325.57	156.88	56.48	91.66	-4,354.60	1,435.31	7,181.04	7,038.14	142.90	50.251		
12,700.00	7,321.00	7,899.28	7,325.70	158.75	56.48	91.66	-4,354.60	1,435.31	7,279.74	7,136.90	142.84	50.963		
12,800.00	7,321.00	7,899.40	7,325.83	160.65	56.48	91.67	-4,354.60	1,435.31	7,378.48	7,235.69	142.79	51.674		
12,900.00	7,321.00	7,899.53	7,325.96	162.57	56.48	91.68	-4,354.60	1,435.31	7,477.25	7,334.52	142.73	52.386		
13,000.00	7,321.00	7,899.65	7,326.08	164.51	56.48	91.68	-4,354.60	1,435.31	7,576.05	7,433.37	142.68	53.098		
13,100.00	7,321.00	7,899.78	7,326.20	166.48	56.48	91.69	-4,354.61	1,435.31	7,674.89	7,532.26	142.63	53.810		
13,200.00	7,321.00	7,899.90	7,326.33	168.48	56.48	91.69	-4,354.61	1,435.31	7,773.75	7,631.17	142.58	54.522		
13,300.00	7,321.00	7,900.02	7,326.45	170.49	56.48	91.70	-4,354.61	1,435.31	7,872.64	7,730.11	142.53	55.234		
13,400.00	7,321.00	7,900.14	7,326.57	172.52	56.48	91.71	-4,354.61	1,435.31	7,971.56	7,829.08	142.49	55.946		
13,500.00	7,321.00	7,900.26	7,326.68	174.58	56.48	91.71	-4,354.61	1,435.31	8,070.51	7,928.07	142.44	56.658		
13,600.00	7,321.00	7,900.37	7,326.80	176.66	56.48	91.72	-4,354.62	1,435.31	8,169.48	8,027.08	142.40	57.369		
13,700.00	7,321.00	7,900.49	7,326.92	178.75	56.48	91.72	-4,354.62	1,435.31	8,268.48	8,126.12	142.36	58.081		
13,800.00	7,321.00	7,900.60	7,327.03	180.87	56.48	91.73	-4,354.62	1,435.31	8,367.50	8,225.18	142.32	58.792		
13,900.00	7,321.00	7,900.72	7,327.14	183.00	56.48	91.73	-4,354.62	1,435.31	8,466.54	8,324.26	142.29	59.504		
14,000.00	7,321.00	7,900.83	7,327.25	185.15	56.48	91.74	-4,354.62	1,435.31	8,565.61	8,423.36	142.25	60.215		
14,100.00	7,321.00	7,900.94	7,327.36	187.32	56.48	91.75	-4,354.63	1,435.31	8,664.70	8,522.48	142.22	60.926		
14,200.00	7,321.00	7,901.05	7,327.47	189.50	56.48	91.75	-4,354.63	1,435.31	8,763.80	8,621.62	142.18	61.637		
14,300.00	7,321.00	7,901.16	7,327.58	191.70	56.48	91.76	-4,354.63	1,435.31	8,862.93	8,720.78	142.15	62.348		
14,400.00	7,321.00	7,901.26	7,327.69	193.92	56.48	91.76	-4,354.63	1,435.31	8,962.08	8,819.96	142.12	63.058		
14,500.00	7,321.00	7,901.37	7,327.79	196.15	56.49	91.77	-4,354.63	1,435.31	9,061.25	8,919.15	142.10	63.769		
14,600.00	7,321.00	7,901.47	7,327.90	198.39	56.49	91.77	-4,354.64	1,435.31	9,160.43	9,018.36	142.07	64.479		
14,700.00	7,321.00	7,901.58	7,328.00	200.65	56.49	91.78	-4,354.64	1,435.31	9,259.63	9,117.59	142.04	65.189		
14,800.00	7,321.00	7,901.68	7,328.11	202.92	56.49	91.78	-4,354.64	1,435.31	9,358.85	9,216.83	142.02	65.899		
14,900.00	7,321.00	5,891.00	5,387.33	205.20	46.18	38.79	-3,984.80	1,185.60	9,458.02	9,335.63	122.39	77.278		
15,000.00	7,321.00	5,905.38	5,400.43	207.50	46.31	38.89	-3,989.59	1,189.08	9,554.65	9,431.99	122.66	77.895		
15,100.00	7,321.00	5,871.67	5,369.74	209.80	46.02	38.65	-3,978.29	1,180.91	9,651.35	9,529.17	122.19	78.989		
15,200.00	7,321.00	5,837.52	5,338.76	212.12	45.73	38.41	-3,966.59	1,172.58	9,748.04	9,626.33	121.70	80.097		
15,300.00	7,321.00	5,802.92	5,307.48	214.45	45.43	38.19	-3,954.49	1,164.08	9,844.70	9,723.49	121.21	81.217		
15,400.00	7,321.00	5,797.00	5,302.14	216.79	45.38	38.15	-3,952.39	1,162.62	9,941.38	9,820.20	121.17	82.043		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
15,500.00	7,321.00	5,797.00	5,302.14	219.15	45.38	38.15	-3,952.39	1,162.62	10,038.12	9,916.89	121.22	82.806	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	82.63	82.63	0.27	0.12	-179.41	-2,110.21	-21.58	2,110.35	2,109.95	0.39	5,375.400		
200.00	200.00	190.43	190.42	0.63	0.48	-179.44	-2,109.38	-20.68	2,109.57	2,108.46	1.11	1,902.267		
300.00	300.00	285.36	285.34	0.99	0.82	-179.47	-2,108.65	-19.41	2,108.78	2,106.98	1.81	1,166.812		
400.00	400.00	380.38	380.33	1.34	1.16	-179.53	-2,108.06	-17.45	2,108.15	2,105.64	2.51	841.299		
500.00	499.98	461.47	461.42	1.69	1.45	-27.10	-2,108.08	-16.19	2,106.61	2,103.47	3.14	671.547		
600.00	599.84	549.31	549.25	2.03	1.76	-27.22	-2,108.75	-15.13	2,102.70	2,098.92	3.78	555.560		
700.00	699.45	664.68	664.58	2.38	2.17	-27.49	-2,109.88	-12.39	2,095.97	2,091.43	4.55	461.050		
800.00	798.70	795.98	795.83	2.75	2.64	-27.87	-2,108.45	-9.76	2,083.89	2,078.52	5.37	387.968		
900.00	897.47	888.67	888.52	3.15	2.96	-28.20	-2,107.50	-9.93	2,069.02	2,062.96	6.06	341.545		
1,000.00	995.62	998.61	998.45	3.57	3.34	-28.67	-2,106.21	-9.52	2,051.03	2,044.21	6.82	300.805		
1,100.00	1,093.06	1,098.69	1,098.47	4.03	3.70	-29.28	-2,104.49	-6.49	2,029.57	2,022.01	7.57	268.269		
1,200.00	1,189.64	1,207.26	1,206.87	4.53	4.09	-30.11	-2,102.24	-0.94	2,004.97	1,996.61	8.36	239.817		
1,300.00	1,285.27	1,297.00	1,296.36	5.08	4.42	-30.98	-2,100.18	5.40	1,977.47	1,968.37	9.11	217.100		
1,400.00	1,379.82	1,371.52	1,370.56	5.66	4.70	-31.90	-2,098.82	12.24	1,947.86	1,938.03	9.83	198.201		
1,500.00	1,473.17	1,456.48	1,454.92	6.30	5.02	-33.07	-2,097.66	22.20	1,916.34	1,905.72	10.62	180.510		
1,600.00	1,565.21	1,593.29	1,590.10	6.98	5.57	-35.10	-2,094.08	42.85	1,881.77	1,870.12	11.64	161.602		
1,700.00	1,655.84	1,693.51	1,688.25	7.72	5.99	-37.04	-2,089.09	62.40	1,843.45	1,830.86	12.60	146.346		
1,800.00	1,744.94	1,779.15	1,771.38	8.51	6.37	-39.06	-2,083.99	82.33	1,803.10	1,789.54	13.56	132.975		
1,900.00	1,832.39	1,855.62	1,844.93	9.35	6.74	-41.16	-2,078.97	102.64	1,761.43	1,746.87	14.56	120.969		
2,000.00	1,918.11	1,925.72	1,911.73	10.25	7.10	-43.35	-2,074.05	123.31	1,718.99	1,703.37	15.62	110.018		
2,100.00	2,001.97	2,020.75	2,001.35	11.19	7.63	-46.41	-2,066.40	153.95	1,675.94	1,659.02	16.92	99.026		
2,200.00	2,083.88	2,108.56	2,083.36	12.20	8.15	-49.59	-2,057.19	183.96	1,631.70	1,613.39	18.31	89.121		
2,300.00	2,163.74	2,171.39	2,141.62	13.25	8.54	-52.25	-2,049.73	206.27	1,587.58	1,567.92	19.66	80.766		
2,400.00	2,241.45	2,221.51	2,187.84	14.35	8.86	-54.63	-2,043.66	224.65	1,544.74	1,523.71	21.02	73.472		
2,500.00	2,316.92	2,275.45	2,237.46	15.51	9.22	-57.22	-2,037.07	244.76	1,503.66	1,481.14	22.53	66.749		
2,600.00	2,390.05	2,329.26	2,287.06	16.71	9.58	-59.87	-2,030.42	264.55	1,464.63	1,440.50	24.13	60.700		
2,700.00	2,460.76	2,366.61	2,321.57	17.96	9.84	-61.93	-2,025.95	278.11	1,428.37	1,402.69	25.69	55.602		
2,800.00	2,528.98	2,403.53	2,355.79	19.26	10.09	-63.87	-2,021.84	291.36	1,395.57	1,368.25	27.32	51.081		
2,900.00	2,596.24	2,446.99	2,396.16	20.59	10.38	-65.55	-2,017.30	306.79	1,367.51	1,338.45	29.05	47.073		
3,000.00	2,663.50	2,496.07	2,441.80	21.92	10.72	-67.45	-2,012.09	324.09	1,344.75	1,313.91	30.84	43.601		
3,100.00	2,730.76	2,537.49	2,480.33	23.25	11.00	-69.07	-2,007.62	338.60	1,327.62	1,295.07	32.55	40.792		
3,200.00	2,798.02	2,574.56	2,514.82	24.60	11.25	-70.52	-2,003.81	351.64	1,316.62	1,282.46	34.16	38.543		
3,300.00	2,865.28	2,612.71	2,550.32	25.94	11.52	-72.02	-2,000.11	365.12	1,311.92	1,276.20	35.71	36.737		
3,325.15	2,882.20	2,623.48	2,560.33	26.28	11.59	-72.44	-1,999.09	368.93	1,311.72	1,275.62	36.10	36.336 CC, ES		
3,400.00	2,932.54	2,655.64	2,590.26	27.30	11.82	-73.70	-1,996.09	380.31	1,313.45	1,276.23	37.22	35.289		
3,500.00	2,999.80	2,698.89	2,630.53	28.65	12.12	-75.39	-1,992.14	395.61	1,321.11	1,282.49	38.62	34.204		
3,600.00	3,067.06	2,743.71	2,672.26	30.01	12.43	-77.13	-1,988.12	411.44	1,334.77	1,294.84	39.93	33.429		
3,700.00	3,134.32	2,788.82	2,714.28	31.37	12.75	-78.88	-1,984.10	427.35	1,354.20	1,313.08	41.11	32.938		
3,800.00	3,201.59	2,848.49	2,769.98	32.73	13.17	-81.16	-1,978.81	448.10	1,378.95	1,336.60	42.35	32.562		
3,900.00	3,268.85	2,904.76	2,822.73	34.09	13.56	-83.29	-1,973.79	467.04	1,408.39	1,364.96	43.43	32.429 SF		
4,000.00	3,336.11	2,947.96	2,863.26	35.46	13.86	-84.90	-1,970.02	481.50	1,442.66	1,398.41	44.25	32.602		
4,100.00	3,403.37	2,992.98	2,905.49	36.83	14.17	-86.56	-1,966.17	496.62	1,481.55	1,436.56	45.00	32.925		
4,200.00	3,470.63	3,044.67	2,953.98	38.20	14.52	-88.44	-1,961.55	513.91	1,524.54	1,478.80	45.74	33.330		
4,300.00	3,537.89	3,077.00	2,984.32	39.57	14.75	-89.61	-1,958.47	524.65	1,571.32	1,525.15	46.18	34.029		
4,400.00	3,605.15	3,114.62	3,019.52	40.94	15.02	-90.95	-1,954.70	537.38	1,621.92	1,575.31	46.61	34.795		
4,500.00	3,672.41	3,140.88	3,043.96	42.31	15.21	-91.88	-1,951.94	546.58	1,676.31	1,629.45	46.86	35.776		
4,600.00	3,739.67	3,170.00	3,070.93	43.68	15.42	-92.90	-1,948.76	557.09	1,734.13	1,687.04	47.09	36.827		
4,700.00	3,806.93	3,227.64	3,124.31	45.06	15.84	-94.88	-1,942.34	577.86	1,794.68	1,747.03	47.66	37.659		
4,800.00	3,874.19	3,282.71	3,175.53	46.43	16.25	-96.72	-1,936.23	597.14	1,857.15	1,808.98	48.17	38.557		
4,900.00	3,941.46	3,321.88	3,211.98	47.81	16.53	-98.00	-1,932.11	610.87	1,921.81	1,873.35	48.46	39.655		
5,000.00	4,008.72	3,363.14	3,250.36	49.18	16.83	-99.31	-1,928.05	625.48	1,988.53	1,939.75	48.78	40.766		
5,100.00	4,075.98	3,421.15	3,304.38	50.56	17.25	-101.10	-1,922.33	645.85	2,056.87	2,007.57	49.30	41.719		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,143.24	3,470.16	3,350.10	51.94	17.61	-102.58	-1,917.30	662.73	2,126.55	2,076.85	49.70	42.784		
5,300.00	4,210.50	3,508.19	3,385.57	53.31	17.89	-103.70	-1,913.21	675.84	2,197.75	2,147.78	49.96	43.987		
5,400.00	4,277.76	3,545.78	3,420.59	54.69	18.16	-104.78	-1,908.99	688.84	2,270.39	2,220.17	50.21	45.214		
5,500.00	4,345.02	3,605.07	3,475.87	56.07	18.59	-106.45	-1,902.49	709.27	2,344.15	2,293.41	50.74	46.196		
5,600.00	4,412.28	3,681.04	3,546.92	57.45	19.14	-108.47	-1,895.05	735.08	2,418.63	2,367.14	51.49	46.972		
5,700.00	4,479.54	3,818.20	3,676.33	58.83	20.08	-111.85	-1,884.03	779.19	2,493.05	2,440.06	52.99	47.047		
5,800.00	4,546.80	3,850.08	3,706.60	60.21	20.30	-112.60	-1,881.58	788.90	2,567.38	2,514.17	53.21	48.253		
5,900.00	4,614.07	3,874.43	3,729.64	61.59	20.46	-113.16	-1,879.58	796.50	2,642.95	2,589.61	53.33	49.555		
6,000.00	4,681.33	3,920.00	3,772.59	62.97	20.77	-114.19	-1,875.50	811.18	2,719.85	2,666.14	53.72	50.631		
6,100.00	4,748.59	3,920.00	3,772.59	64.35	20.77	-114.19	-1,875.50	811.18	2,797.49	2,743.94	53.55	52.240		
6,200.00	4,815.85	3,957.66	3,807.95	65.73	21.04	-115.02	-1,871.94	823.62	2,876.20	2,822.35	53.85	53.410		
6,300.00	4,883.11	3,993.52	3,841.58	67.11	21.29	-115.79	-1,868.51	835.58	2,955.64	2,901.50	54.13	54.598		
6,400.00	4,950.37	4,030.19	3,875.93	68.49	21.56	-116.56	-1,864.97	847.91	3,035.76	2,981.32	54.43	55.769		
6,500.00	5,017.63	4,068.11	3,911.43	69.87	21.83	-117.34	-1,861.25	860.73	3,116.48	3,061.73	54.76	56.915		
6,600.00	5,084.89	4,107.00	3,947.80	71.25	22.11	-118.11	-1,857.38	873.95	3,197.77	3,142.67	55.10	58.039		
6,700.00	5,152.15	4,153.44	3,991.23	72.63	22.45	-119.01	-1,852.67	889.72	3,279.51	3,223.97	55.54	59.050		
6,800.00	5,219.41	4,201.50	4,036.21	74.02	22.80	-119.92	-1,847.67	905.91	3,361.59	3,305.59	56.00	60.026		
6,900.00	5,286.67	4,232.47	4,065.16	75.40	23.02	-120.49	-1,844.43	916.38	3,444.12	3,387.86	56.26	61.220		
7,000.00	5,353.94	4,263.33	4,093.97	76.78	23.25	-121.04	-1,841.24	926.97	3,527.16	3,470.64	56.52	62.406		
7,100.00	5,421.20	4,295.00	4,123.49	78.16	23.48	-121.59	-1,838.00	937.99	3,610.68	3,553.89	56.80	63.570		
7,200.00	5,488.46	4,324.94	4,151.34	79.55	23.71	-122.10	-1,834.96	948.54	3,694.66	3,637.60	57.06	64.746		
7,300.00	5,555.72	4,355.70	4,179.91	80.93	23.94	-122.61	-1,831.84	959.50	3,779.06	3,721.71	57.35	65.899		
7,400.00	5,622.98	4,388.00	4,209.87	82.31	24.18	-123.14	-1,828.59	971.14	3,863.86	3,806.20	57.65	67.018		
7,500.00	5,690.24	4,427.31	4,246.29	83.69	24.48	-123.76	-1,824.65	985.41	3,948.97	3,890.91	58.06	68.012		
7,600.00	5,757.50	4,469.18	4,285.06	85.08	24.80	-124.40	-1,820.50	1,000.65	4,034.33	3,975.82	58.51	68.950		
7,700.00	5,824.76	4,515.69	4,328.13	86.46	25.16	-125.09	-1,815.91	1,017.59	4,119.88	4,060.86	59.03	69.798		
7,800.00	5,892.02	4,564.36	4,373.23	87.84	25.53	-125.79	-1,811.07	1,035.23	4,205.58	4,146.00	59.57	70.595		
7,900.00	5,959.28	4,576.00	4,384.02	89.23	25.62	-125.95	-1,809.91	1,039.44	4,291.54	4,231.90	59.64	71.962		
8,000.00	6,026.55	4,615.82	4,420.89	90.61	25.93	-126.51	-1,805.76	1,053.89	4,377.74	4,317.66	60.07	72.873		
8,100.00	6,093.81	4,637.75	4,441.16	91.99	26.10	-126.81	-1,803.34	1,061.92	4,464.36	4,404.08	60.28	74.063		
8,200.00	6,161.07	4,670.00	4,470.90	93.38	26.35	-127.24	-1,799.61	1,073.82	4,551.36	4,490.74	60.62	75.078		
8,300.00	6,228.33	4,724.67	4,521.35	94.76	26.78	-127.97	-1,793.14	1,093.87	4,638.54	4,577.28	61.26	75.720		
8,400.00	6,295.59	4,898.57	4,683.12	96.14	28.09	-130.12	-1,773.75	1,154.63	4,724.81	4,661.40	63.41	74.508		
8,500.00	6,362.85	6,624.46	6,366.99	97.53	35.94	-145.06	-1,685.72	1,438.36	4,797.34	4,718.51	78.83	60.853		
8,600.00	6,430.11	6,722.99	6,465.51	98.91	36.13	-145.72	-1,686.20	1,437.52	4,863.68	4,784.14	79.54	61.148		
8,700.00	6,497.37	6,798.72	6,541.23	100.29	36.28	-146.21	-1,686.70	1,436.55	4,929.89	4,849.76	80.13	61.526		
8,800.00	6,564.63	6,879.86	6,622.36	101.68	36.44	-146.73	-1,687.24	1,435.34	4,996.19	4,915.44	80.74	61.879		
8,900.00	6,631.89	6,918.00	6,660.50	103.06	36.52	-146.96	-1,687.56	1,434.71	5,062.63	4,981.49	81.14	62.396		
9,000.00	6,699.15	6,966.17	6,708.66	104.45	36.62	-147.26	-1,687.79	1,434.09	5,129.55	5,047.96	81.58	62.874		
9,100.00	6,766.42	7,012.00	6,754.49	105.83	36.72	-147.54	-1,687.66	1,433.85	5,197.24	5,115.23	82.02	63.368		
9,200.00	6,833.68	7,090.14	6,832.63	107.22	36.89	-148.00	-1,687.48	1,433.60	5,265.29	5,182.66	82.63	63.723		
9,300.00	6,900.94	7,222.09	6,964.56	108.60	37.17	-148.75	-1,688.37	1,432.35	5,332.71	5,249.18	83.53	63.842		
9,400.00	6,968.20	7,316.26	7,058.72	109.98	37.36	-149.27	-1,689.49	1,430.76	5,399.68	5,315.46	84.22	64.111		
9,500.00	7,035.46	7,378.72	7,121.17	111.37	37.49	-149.61	-1,690.37	1,429.74	5,466.75	5,382.00	84.75	64.504		
9,600.00	7,101.31	7,440.69	7,183.12	112.79	37.62	-161.30	-1,691.36	1,428.92	5,536.75	5,451.47	85.28	64.926		
9,700.00	7,161.49	7,498.17	7,240.59	114.30	37.74	-177.69	-1,692.42	1,428.34	5,614.71	5,528.95	85.76	65.470		
9,800.00	7,214.06	7,549.58	7,291.99	115.85	37.85	163.76	-1,693.51	1,427.99	5,698.45	5,612.30	86.16	66.141		
9,900.00	7,257.41	7,590.34	7,332.73	117.39	37.94	143.18	-1,694.46	1,427.82	5,785.45	5,699.03	86.42	66.946		
10,000.00	7,290.24	7,619.56	7,361.94	118.87	38.00	122.85	-1,695.12	1,427.70	5,873.20	5,786.66	86.54	67.868		
10,100.00	7,311.53	7,638.65	7,381.04	120.23	38.04	105.93	-1,695.51	1,427.62	5,959.24	5,872.70	86.53	68.868		
10,200.00	7,320.66	7,647.08	7,389.46	121.43	38.06	93.68	-1,695.68	1,427.58	6,041.19	5,954.76	86.42	69.904		
10,300.00	7,321.00	7,647.79	7,390.17	122.51	38.06	91.47	-1,695.70	1,427.57	6,119.17	6,032.91	86.26	70.935		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	7,648.20	7,390.58	123.62	38.06	91.48	-1,695.71	1,427.57	6,197.59	6,111.46	86.13	71.956		
10,500.00	7,321.00	7,648.61	7,390.99	124.77	38.06	91.48	-1,695.71	1,427.57	6,276.63	6,190.62	86.02	72.970		
10,600.00	7,321.00	7,649.03	7,391.41	125.95	38.06	91.49	-1,695.72	1,427.57	6,356.26	6,270.34	85.92	73.977		
10,700.00	7,321.00	7,649.44	7,391.82	127.17	38.06	91.50	-1,695.73	1,427.56	6,436.46	6,350.61	85.85	74.977		
10,800.00	7,321.00	7,649.86	7,392.24	128.43	38.06	91.50	-1,695.74	1,427.56	6,517.20	6,431.41	85.79	75.970		
10,900.00	7,321.00	7,650.28	7,392.66	129.72	38.07	91.51	-1,695.75	1,427.56	6,598.47	6,512.73	85.74	76.956		
11,000.00	7,321.00	7,650.70	7,393.08	131.05	38.07	91.52	-1,695.75	1,427.56	6,680.25	6,594.53	85.71	77.936		
11,100.00	7,321.00	7,651.12	7,393.50	132.41	38.07	91.52	-1,695.76	1,427.56	6,762.52	6,676.82	85.70	78.909		
11,200.00	7,321.00	7,651.54	7,393.92	133.81	38.07	91.53	-1,695.77	1,427.55	6,845.26	6,759.56	85.70	79.875		
11,300.00	7,321.00	7,651.96	7,394.34	135.25	38.07	91.53	-1,695.78	1,427.55	6,928.46	6,842.75	85.71	80.836		
11,400.00	7,321.00	7,652.38	7,394.76	136.72	38.07	91.54	-1,695.79	1,427.55	7,012.09	6,926.36	85.73	81.791		
11,500.00	7,321.00	7,652.81	7,395.19	138.22	38.07	91.55	-1,695.80	1,427.55	7,096.15	7,010.38	85.76	82.740		
11,600.00	7,321.00	7,653.23	7,395.61	139.76	38.07	91.55	-1,695.80	1,427.55	7,180.62	7,094.81	85.81	83.683		
11,700.00	7,321.00	7,653.66	7,396.04	141.34	38.07	91.56	-1,695.81	1,427.54	7,265.48	7,179.62	85.86	84.621		
11,800.00	7,321.00	7,654.09	7,396.47	142.94	38.07	91.57	-1,695.82	1,427.54	7,350.72	7,264.80	85.92	85.554		
11,900.00	7,321.00	7,654.52	7,396.90	144.58	38.08	91.57	-1,695.83	1,427.54	7,436.33	7,350.34	85.99	86.483		
12,000.00	7,321.00	7,654.95	7,397.33	146.25	38.08	91.58	-1,695.84	1,427.54	7,522.30	7,436.23	86.06	87.406		
12,100.00	7,321.00	7,655.38	7,397.76	147.95	38.08	91.59	-1,695.85	1,427.54	7,608.60	7,522.46	86.14	88.325		
12,200.00	7,321.00	7,655.81	7,398.19	149.67	38.08	91.59	-1,695.85	1,427.53	7,695.24	7,609.01	86.23	89.240		
12,300.00	7,321.00	7,656.24	7,398.62	151.43	38.08	91.60	-1,695.86	1,427.53	7,782.20	7,695.88	86.32	90.151		
12,400.00	7,321.00	7,656.68	7,399.06	153.22	38.08	91.61	-1,695.87	1,427.53	7,869.47	7,783.05	86.42	91.058		
12,500.00	7,321.00	7,657.12	7,399.49	155.04	38.08	91.61	-1,695.88	1,427.53	7,957.04	7,870.52	86.53	91.961		
12,600.00	7,321.00	7,657.55	7,399.93	156.88	38.08	91.62	-1,695.89	1,427.53	8,044.90	7,958.27	86.63	92.861		
12,700.00	7,321.00	7,657.99	7,400.37	158.75	38.08	91.63	-1,695.90	1,427.52	8,133.04	8,046.30	86.75	93.757		
12,800.00	7,321.00	7,658.43	7,400.81	160.65	38.08	91.63	-1,695.90	1,427.52	8,221.45	8,134.59	86.86	94.650		
12,900.00	7,321.00	7,658.87	7,401.25	162.57	38.08	91.64	-1,695.91	1,427.52	8,310.13	8,223.15	86.98	95.540		
13,000.00	7,321.00	7,659.31	7,401.69	164.51	38.09	91.65	-1,695.92	1,427.52	8,399.05	8,311.95	87.10	96.427		
13,100.00	7,321.00	7,659.76	7,402.13	166.48	38.09	91.65	-1,695.93	1,427.51	8,488.23	8,401.00	87.23	97.311		
13,200.00	7,321.00	7,660.20	7,402.58	168.48	38.09	91.66	-1,695.94	1,427.51	8,577.64	8,490.29	87.36	98.192		
13,300.00	7,321.00	7,660.64	7,403.02	170.49	38.09	91.66	-1,695.95	1,427.51	8,667.29	8,579.80	87.49	99.071		
13,400.00	7,321.00	7,661.09	7,403.47	172.52	38.09	91.67	-1,695.95	1,427.51	8,757.16	8,669.54	87.62	99.948		
13,500.00	7,321.00	7,661.54	7,403.92	174.58	38.09	91.68	-1,695.96	1,427.51	8,847.24	8,759.49	87.75	100.822		
13,600.00	7,321.00	7,661.99	7,404.36	176.66	38.09	91.69	-1,695.97	1,427.50	8,937.54	8,849.65	87.89	101.693		
13,700.00	7,321.00	7,662.44	7,404.81	178.75	38.09	91.69	-1,695.98	1,427.50	9,028.04	8,940.02	88.02	102.563		
13,800.00	7,321.00	7,662.89	7,405.27	180.87	38.09	91.70	-1,695.99	1,427.50	9,118.74	9,030.58	88.16	103.431		
13,900.00	7,321.00	7,663.34	7,405.72	183.00	38.09	91.71	-1,696.00	1,427.50	9,209.63	9,121.33	88.30	104.297		
14,000.00	7,321.00	7,668.00	7,410.38	185.15	38.10	91.78	-1,696.08	1,427.47	9,300.71	9,212.24	88.47	105.131		
14,100.00	7,321.00	7,668.00	7,410.38	187.32	38.10	91.78	-1,696.08	1,427.47	9,391.97	9,303.37	88.61	105.996		
14,200.00	7,321.00	7,668.00	7,410.38	189.50	38.10	91.78	-1,696.08	1,427.47	9,483.41	9,394.66	88.75	106.859		
14,300.00	7,321.00	7,668.00	7,410.38	191.70	38.10	91.78	-1,696.08	1,427.47	9,575.02	9,486.13	88.89	107.721		
14,400.00	7,321.00	7,668.00	7,410.38	193.92	38.10	91.78	-1,696.08	1,427.47	9,666.79	9,577.76	89.03	108.581		
14,500.00	7,321.00	7,668.00	7,410.38	196.15	38.10	91.78	-1,696.08	1,427.47	9,758.73	9,669.56	89.17	109.440		
14,600.00	7,321.00	7,668.00	7,410.38	198.39	38.10	91.78	-1,696.08	1,427.47	9,850.82	9,761.51	89.31	110.297		
14,700.00	7,321.00	7,668.00	7,410.38	200.65	38.10	91.78	-1,696.08	1,427.47	9,943.07	9,853.61	89.45	111.153		
14,800.00	7,321.00	3,980.20	3,829.10	202.92	21.20	46.47	-1,869.78	831.12	10,033.94	9,967.32	66.62	150.618		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	123.84	123.81	0.27	0.26	-178.96	-2,108.65	-38.17	2,109.66	2,109.13	0.52	4,019.870		
200.00	200.00	263.35	263.23	0.63	0.75	-178.90	-2,103.99	-40.30	2,106.40	2,105.01	1.39	1,520.538		
300.00	300.00	429.77	429.33	0.99	1.36	-178.97	-2,094.32	-37.79	2,100.63	2,098.29	2.34	896.599		
400.00	400.00	601.08	599.64	1.34	2.01	-179.21	-2,078.37	-28.69	2,091.10	2,087.78	3.33	628.624		
500.00	499.98	785.93	782.22	1.69	2.78	-27.33	-2,054.44	-12.85	2,076.38	2,072.01	4.38	474.509		
600.00	599.84	1,004.80	995.17	2.03	3.83	-28.62	-2,016.16	19.61	2,054.40	2,048.77	5.63	365.215		
700.00	699.45	1,164.89	1,148.97	2.38	4.69	-29.91	-1,979.99	45.38	2,024.15	2,017.47	6.68	303.221		
800.00	798.70	1,269.92	1,249.70	2.75	5.28	-30.98	-1,954.74	61.16	1,990.18	1,982.69	7.50	265.491		
900.00	897.47	1,365.55	1,341.17	3.15	5.83	-32.14	-1,931.21	76.10	1,953.12	1,944.83	8.29	235.512		
1,000.00	995.62	1,438.13	1,410.63	3.57	6.24	-33.24	-1,913.48	87.41	1,913.81	1,904.81	9.01	212.444		
1,100.00	1,093.06	1,509.11	1,478.64	4.03	6.66	-34.46	-1,896.90	99.19	1,873.14	1,863.40	9.74	192.316		
1,200.00	1,189.64	1,592.27	1,558.27	4.53	7.14	-35.96	-1,877.72	113.51	1,830.61	1,820.06	10.55	173.476		
1,300.00	1,285.27	1,672.00	1,634.74	5.08	7.60	-37.58	-1,859.49	126.85	1,786.24	1,774.86	11.38	157.003		
1,400.00	1,379.82	1,733.00	1,693.37	5.66	7.95	-39.08	-1,845.97	136.90	1,740.60	1,728.44	12.15	143.238		
1,500.00	1,473.17	1,807.37	1,764.93	6.30	8.37	-40.94	-1,830.18	149.59	1,694.08	1,681.06	13.03	130.038		
1,600.00	1,565.21	1,889.13	1,843.46	6.98	8.84	-43.15	-1,812.54	163.95	1,645.94	1,631.95	13.99	117.686		
1,700.00	1,655.84	1,960.88	1,912.49	7.72	9.25	-45.37	-1,797.19	176.06	1,596.69	1,581.73	14.95	106.774		
1,800.00	1,744.94	2,026.40	1,975.63	8.51	9.63	-47.64	-1,783.47	186.96	1,546.82	1,530.87	15.96	96.944		
1,900.00	1,832.39	2,115.39	2,061.30	9.35	10.14	-50.72	-1,764.69	202.00	1,496.30	1,479.17	17.14	87.313		
2,000.00	1,918.11	2,191.58	2,134.45	10.25	10.58	-53.77	-1,747.69	214.86	1,444.69	1,426.34	18.35	78.730		
2,100.00	2,001.97	2,255.39	2,195.83	11.19	10.94	-56.67	-1,733.52	225.02	1,393.20	1,373.60	19.60	71.074		
2,200.00	2,083.88	2,311.17	2,249.61	12.20	11.26	-59.48	-1,721.49	233.62	1,342.64	1,321.72	20.92	64.178		
2,300.00	2,163.74	2,367.95	2,304.44	13.25	11.58	-62.47	-1,709.55	242.33	1,293.52	1,271.17	22.36	57.856		
2,400.00	2,241.45	2,422.92	2,357.46	14.35	11.89	-65.53	-1,698.03	251.12	1,246.31	1,222.40	23.91	52.123		
2,500.00	2,316.92	2,479.02	2,411.54	15.51	12.21	-68.76	-1,686.25	260.29	1,201.60	1,176.00	25.60	46.939		
2,600.00	2,390.05	2,532.50	2,463.07	16.71	12.51	-71.95	-1,674.97	269.07	1,160.06	1,132.66	27.40	42.341		
2,700.00	2,460.76	2,583.31	2,511.98	17.96	12.80	-75.05	-1,664.10	277.53	1,122.49	1,093.20	29.29	38.318		
2,800.00	2,528.98	2,627.65	2,554.61	19.26	13.06	-77.77	-1,654.49	285.04	1,089.85	1,058.61	31.24	34.886		
2,900.00	2,596.24	2,667.93	2,593.32	20.59	13.29	-79.74	-1,645.81	292.01	1,063.59	1,030.41	33.18	32.054		
3,000.00	2,663.50	2,708.93	2,632.72	21.92	13.53	-81.76	-1,637.05	299.26	1,044.54	1,009.47	35.08	29.779		
3,100.00	2,730.76	2,751.69	2,673.62	23.25	13.80	-83.90	-1,627.49	307.22	1,033.04	996.15	36.89	28.002		
3,193.88	2,793.90	2,788.59	2,708.70	24.51	14.02	-85.77	-1,618.70	314.54	1,029.45	991.02	38.43	26.788 CC		
3,200.00	2,798.02	2,790.90	2,710.89	24.60	14.04	-85.89	-1,618.13	315.01	1,029.47	990.95	38.52	26.724 ES		
3,300.00	2,865.28	2,833.23	2,750.98	25.94	14.30	-88.04	-1,607.64	323.67	1,034.00	994.02	39.99	25.859		
3,400.00	2,932.54	2,876.58	2,792.04	27.30	14.58	-90.24	-1,596.87	332.43	1,046.43	1,005.20	41.23	25.380		
3,500.00	2,999.80	2,923.94	2,836.98	28.65	14.88	-92.62	-1,585.21	341.78	1,066.42	1,024.14	42.27	25.227 SF		
3,600.00	3,067.06	2,975.37	2,886.00	30.01	15.20	-95.17	-1,572.97	351.42	1,093.32	1,050.19	43.13	25.349		
3,700.00	3,134.32	3,016.16	2,924.98	31.37	15.44	-97.16	-1,563.54	358.84	1,126.68	1,082.99	43.70	25.785		
3,800.00	3,201.59	3,054.97	2,962.08	32.73	15.68	-99.03	-1,554.68	366.04	1,166.25	1,122.18	44.07	26.462		
3,900.00	3,268.85	3,095.06	3,000.40	34.09	15.92	-100.93	-1,545.66	373.60	1,211.41	1,167.09	44.32	27.331		
4,000.00	3,336.11	3,137.17	3,040.69	35.46	16.18	-102.88	-1,536.38	381.61	1,261.47	1,216.98	44.49	28.356		
4,100.00	3,403.37	3,181.13	3,082.77	36.83	16.44	-104.87	-1,526.92	390.04	1,315.82	1,271.23	44.59	29.507		
4,200.00	3,470.63	3,229.96	3,129.58	38.20	16.73	-107.02	-1,516.50	399.31	1,373.81	1,329.12	44.69	30.738		
4,300.00	3,537.89	3,278.49	3,176.12	39.57	17.02	-109.09	-1,506.18	408.36	1,434.93	1,390.17	44.76	32.061		
4,400.00	3,605.15	3,325.94	3,221.68	40.94	17.30	-111.06	-1,496.23	417.13	1,498.82	1,454.03	44.79	33.463		
4,500.00	3,672.41	3,378.16	3,271.87	42.31	17.60	-113.15	-1,485.44	426.69	1,565.10	1,520.24	44.86	34.885		
4,600.00	3,739.67	3,439.10	3,330.52	43.68	17.95	-115.50	-1,472.70	437.28	1,633.23	1,588.21	45.01	36.283		
4,700.00	3,806.93	3,518.79	3,407.42	45.06	18.40	-118.43	-1,456.12	449.96	1,702.69	1,657.36	45.33	37.565		
4,800.00	3,874.19	3,566.46	3,453.60	46.43	18.67	-120.10	-1,446.57	456.97	1,773.18	1,727.81	45.37	39.083		
4,900.00	3,941.46	3,596.15	3,482.30	47.81	18.83	-121.11	-1,440.50	461.52	1,845.57	1,800.30	45.27	40.772		
5,000.00	4,008.72	3,639.00	3,523.60	49.18	19.07	-122.53	-1,431.47	468.49	1,919.82	1,874.53	45.29	42.388		
5,100.00	4,075.98	3,675.52	3,558.78	50.56	19.28	-123.70	-1,423.72	474.52	1,995.40	1,950.12	45.28	44.071		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,143.24	3,751.63	3,632.29	51.94	19.71	-126.02	-1,408.01	486.42	2,071.60	2,025.97	45.64	45.392		
5,300.00	4,210.50	3,801.72	3,680.77	53.31	19.99	-127.47	-1,397.98	494.07	2,148.47	2,102.69	45.78	46.929		
5,400.00	4,277.76	3,847.79	3,725.39	54.69	20.24	-128.75	-1,388.90	501.02	2,226.04	2,180.13	45.91	48.488		
5,500.00	4,345.02	3,885.38	3,761.77	56.07	20.45	-129.76	-1,381.27	506.69	2,304.53	2,258.56	45.97	50.129		
5,600.00	4,412.28	3,920.00	3,795.21	57.45	20.64	-130.67	-1,374.04	511.93	2,383.91	2,337.89	46.02	51.802		
5,700.00	4,479.54	3,955.96	3,829.91	58.83	20.85	-131.59	-1,366.37	517.45	2,464.13	2,418.04	46.09	53.458		
5,800.00	4,546.80	3,989.37	3,862.10	60.21	21.04	-132.41	-1,359.16	522.71	2,545.16	2,499.00	46.16	55.137		
5,900.00	4,614.07	4,014.00	3,885.82	61.59	21.18	-133.01	-1,353.81	526.69	2,626.94	2,580.78	46.16	56.913		
6,000.00	4,681.33	4,058.55	3,928.66	62.97	21.44	-134.05	-1,344.02	534.01	2,709.33	2,662.97	46.36	58.447		
6,100.00	4,748.59	4,093.62	3,962.34	64.35	21.64	-134.85	-1,336.24	539.87	2,792.32	2,745.85	46.48	60.080		
6,200.00	4,815.85	4,152.29	4,018.69	65.73	21.98	-136.13	-1,323.18	549.67	2,875.75	2,828.92	46.83	61.402		
6,300.00	4,883.11	4,214.90	4,078.95	67.11	22.35	-137.43	-1,309.48	559.71	2,959.17	2,911.92	47.24	62.640		
6,400.00	4,950.37	4,254.08	4,116.68	68.49	22.57	-138.20	-1,300.96	566.00	3,042.88	2,995.45	47.44	64.146		
6,500.00	5,017.63	4,295.00	4,156.06	69.87	22.81	-138.98	-1,292.08	572.68	3,127.00	3,079.34	47.66	65.608		
6,600.00	5,084.89	4,336.03	4,195.55	71.25	23.05	-139.74	-1,283.30	579.55	3,211.45	3,163.55	47.90	67.045		
6,700.00	5,152.15	4,379.56	4,237.45	72.63	23.30	-140.50	-1,274.23	587.10	3,296.18	3,248.00	48.18	68.418		
6,800.00	5,219.41	4,416.38	4,272.88	74.02	23.51	-141.11	-1,266.68	593.66	3,381.20	3,332.80	48.40	69.858		
6,900.00	5,286.67	4,450.86	4,306.04	75.40	23.71	-141.67	-1,259.50	599.83	3,466.56	3,417.95	48.61	71.316		
7,000.00	5,353.94	4,486.28	4,340.06	76.78	23.92	-142.24	-1,252.00	606.19	3,552.25	3,503.42	48.83	72.744		
7,100.00	5,421.20	4,536.93	4,388.72	78.16	24.22	-143.01	-1,241.28	615.32	3,638.15	3,588.93	49.22	73.922		
7,200.00	5,488.46	4,576.00	4,426.27	79.55	24.45	-143.59	-1,233.10	622.37	3,724.15	3,674.65	49.49	75.246		
7,300.00	5,555.72	4,610.75	4,459.65	80.93	24.65	-144.09	-1,225.85	628.76	3,810.40	3,760.67	49.74	76.614		
7,400.00	5,622.98	4,638.48	4,486.25	82.31	24.82	-144.47	-1,220.05	634.02	3,897.01	3,847.09	49.92	78.072		
7,500.00	5,690.24	4,670.00	4,516.45	83.69	25.00	-144.89	-1,213.44	640.18	3,983.94	3,933.80	50.14	79.454		
7,600.00	5,757.50	4,746.23	4,589.63	85.08	25.45	-145.86	-1,197.92	654.81	4,070.56	4,019.73	50.83	80.085		
7,700.00	5,824.76	4,807.15	4,648.19	86.46	25.81	-146.60	-1,185.67	666.26	4,157.16	4,105.79	51.36	80.937		
7,800.00	5,892.02	4,836.17	4,676.07	87.84	25.98	-146.94	-1,179.74	671.72	4,244.04	4,192.46	51.58	82.279		
7,900.00	5,959.28	4,857.00	4,696.06	89.23	26.10	-147.19	-1,175.42	675.67	4,331.20	4,279.48	51.72	83.742		
8,000.00	6,026.55	6,210.57	6,028.64	90.61	31.56	-157.84	-1,029.06	786.20	4,405.33	4,342.39	62.94	69.992		
8,100.00	6,093.81	6,284.64	6,102.70	91.99	31.72	-158.23	-1,029.00	785.27	4,476.16	4,412.63	63.53	70.461		
8,200.00	6,161.07	6,352.54	6,170.60	93.38	31.88	-158.57	-1,029.09	784.52	4,547.05	4,482.97	64.08	70.963		
8,300.00	6,228.33	6,417.14	6,235.20	94.76	32.02	-158.88	-1,029.23	783.89	4,618.04	4,553.43	64.61	71.478		
8,400.00	6,295.59	6,483.48	6,301.53	96.14	32.17	-159.20	-1,029.39	783.32	4,689.16	4,624.00	65.16	71.969		
8,500.00	6,362.85	6,551.82	6,369.88	97.53	32.33	-159.51	-1,029.57	782.76	4,760.34	4,694.63	65.72	72.435		
8,600.00	6,430.11	6,619.55	6,437.59	98.91	32.49	-159.81	-1,029.76	782.19	4,831.60	4,765.32	66.28	72.895		
8,700.00	6,497.37	6,704.93	6,522.98	100.29	32.68	-160.18	-1,030.05	781.37	4,902.83	4,835.87	66.97	73.215		
8,800.00	6,564.63	6,783.01	6,601.05	101.68	32.86	-160.51	-1,030.46	780.36	4,973.88	4,906.28	67.60	73.576		
8,900.00	6,631.89	6,857.72	6,675.75	103.06	33.04	-160.81	-1,030.86	779.26	5,044.91	4,976.70	68.22	73.952		
9,000.00	6,699.15	6,933.12	6,751.14	104.45	33.21	-161.11	-1,031.37	778.08	5,115.90	5,047.05	68.84	74.313		
9,100.00	6,766.42	7,001.10	6,819.10	105.83	33.37	-161.38	-1,031.85	777.00	5,186.90	5,117.48	69.42	74.718		
9,200.00	6,833.68	7,080.96	6,898.96	107.22	33.56	-161.68	-1,032.53	775.74	5,257.91	5,187.83	70.08	75.026		
9,300.00	6,900.94	7,153.67	6,971.65	108.60	33.73	-161.94	-1,033.36	774.63	5,328.83	5,258.13	70.70	75.376		
9,400.00	6,968.20	7,219.81	7,037.78	109.98	33.88	-162.17	-1,034.12	773.61	5,399.80	5,328.53	71.27	75.765		
9,500.00	7,035.46	7,281.32	7,099.28	111.37	34.03	-162.38	-1,034.76	772.69	5,470.89	5,399.07	71.81	76.181		
9,600.00	7,101.31	7,332.30	7,150.25	112.79	34.15	-175.68	-1,035.23	772.01	5,544.14	5,471.85	72.29	76.689		
9,700.00	7,161.49	7,387.00	7,204.95	114.30	34.28	166.09	-1,035.66	771.48	5,623.00	5,550.20	72.80	77.236		
9,800.00	7,214.06	7,419.40	7,237.34	115.85	34.36	147.08	-1,035.87	771.24	5,705.19	5,632.06	73.13	78.016		
9,900.00	7,257.41	7,455.74	7,273.69	117.39	34.45	128.83	-1,036.08	771.01	5,788.32	5,714.87	73.45	78.811		
10,000.00	7,290.24	7,485.04	7,302.99	118.87	34.52	113.12	-1,036.23	770.85	5,870.03	5,796.36	73.68	79.672		
10,100.00	7,311.53	7,513.07	7,331.01	120.23	34.59	101.01	-1,036.37	770.69	5,948.10	5,874.21	73.88	80.507		
10,200.00	7,320.66	7,525.63	7,343.58	121.43	34.62	92.27	-1,036.44	770.61	6,020.45	5,946.46	73.99	81.374		
10,300.00	7,321.00	7,526.91	7,344.85	122.51	34.62	90.68	-1,036.45	770.60	6,087.96	6,013.92	74.04	82.223		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	7,527.75	7,345.69	123.62	34.63	90.69	-1,036.45	770.59	6,156.12	6,081.99	74.13	83.042		
10,500.00	7,321.00	7,528.60	7,346.54	124.77	34.63	90.70	-1,036.46	770.59	6,225.14	6,150.89	74.25	83.838		
10,600.00	7,321.00	7,529.45	7,347.40	125.95	34.63	90.71	-1,036.46	770.58	6,294.99	6,220.59	74.40	84.611		
10,700.00	7,321.00	7,530.31	7,348.26	127.17	34.63	90.72	-1,036.47	770.58	6,365.65	6,291.08	74.57	85.363		
10,800.00	7,321.00	7,531.18	7,349.12	128.43	34.64	90.73	-1,036.47	770.57	6,437.09	6,362.32	74.77	86.096		
10,900.00	7,321.00	7,532.06	7,350.00	129.72	34.64	90.74	-1,036.48	770.57	6,509.27	6,434.29	74.98	86.810		
11,000.00	7,321.00	7,532.94	7,350.88	131.05	34.64	90.75	-1,036.48	770.56	6,582.19	6,506.97	75.22	87.507		
11,100.00	7,321.00	7,533.82	7,351.76	132.41	34.64	90.76	-1,036.49	770.55	6,655.81	6,580.34	75.47	88.189		
11,200.00	7,321.00	7,534.72	7,352.66	133.81	34.64	90.78	-1,036.49	770.55	6,730.11	6,654.37	75.74	88.857		
11,300.00	7,321.00	7,535.62	7,353.56	135.25	34.65	90.79	-1,036.50	770.54	6,805.06	6,729.04	76.02	89.511		
11,400.00	7,321.00	7,536.52	7,354.47	136.72	34.65	90.80	-1,036.51	770.54	6,880.66	6,804.34	76.32	90.154		
11,500.00	7,321.00	7,537.44	7,355.38	138.22	34.65	90.81	-1,036.51	770.53	6,956.87	6,880.24	76.63	90.787		
11,600.00	7,321.00	7,538.36	7,356.30	139.76	34.65	90.82	-1,036.52	770.52	7,033.68	6,956.73	76.95	91.410		
11,700.00	7,321.00	7,539.29	7,357.23	141.34	34.66	90.83	-1,036.52	770.52	7,111.06	7,033.78	77.27	92.025		
11,800.00	7,321.00	7,540.22	7,358.17	142.94	34.66	90.85	-1,036.53	770.51	7,189.00	7,111.39	77.61	92.633		
11,900.00	7,321.00	7,541.17	7,359.11	144.58	34.66	90.86	-1,036.53	770.50	7,267.48	7,189.53	77.95	93.234		
12,000.00	7,321.00	7,542.12	7,360.06	146.25	34.66	90.87	-1,036.54	770.50	7,346.48	7,268.19	78.30	93.830		
12,100.00	7,321.00	7,543.07	7,361.02	147.95	34.66	90.88	-1,036.55	770.49	7,425.99	7,347.34	78.65	94.421		
12,200.00	7,321.00	7,544.04	7,361.98	149.67	34.67	90.90	-1,036.55	770.48	7,505.99	7,426.99	79.00	95.008		
12,300.00	7,321.00	7,545.01	7,362.95	151.43	34.67	90.91	-1,036.56	770.48	7,586.47	7,507.10	79.36	95.592		
12,400.00	7,321.00	7,545.99	7,363.93	153.22	34.67	90.92	-1,036.56	770.47	7,667.40	7,587.67	79.72	96.173		
12,500.00	7,321.00	7,546.98	7,364.92	155.04	34.67	90.93	-1,036.57	770.46	7,748.78	7,668.69	80.09	96.752		
12,600.00	7,321.00	7,547.98	7,365.92	156.88	34.68	90.95	-1,036.58	770.46	7,830.59	7,750.13	80.45	97.330		
12,700.00	7,321.00	7,548.98	7,366.92	158.75	34.68	90.96	-1,036.58	770.45	7,912.82	7,831.99	80.82	97.906		
12,800.00	7,321.00	7,550.00	7,367.94	160.65	34.68	90.97	-1,036.59	770.44	7,995.45	7,914.26	81.19	98.481		
12,900.00	7,321.00	7,551.02	7,368.96	162.57	34.68	90.98	-1,036.60	770.43	8,078.47	7,996.92	81.55	99.057		
13,000.00	7,321.00	7,552.05	7,369.99	164.51	34.69	91.00	-1,036.60	770.43	8,161.88	8,079.96	81.92	99.632		
13,100.00	7,321.00	7,553.08	7,371.02	166.48	34.69	91.01	-1,036.61	770.42	8,245.65	8,163.37	82.29	100.207		
13,200.00	7,321.00	7,554.13	7,372.07	168.48	34.69	91.02	-1,036.62	770.41	8,329.79	8,247.14	82.65	100.783		
13,300.00	7,321.00	7,555.18	7,373.12	170.49	34.69	91.04	-1,036.62	770.40	8,414.27	8,331.25	83.01	101.360		
13,400.00	7,321.00	7,556.25	7,374.19	172.52	34.70	91.05	-1,036.63	770.40	8,499.08	8,415.71	83.38	101.937		
13,500.00	7,321.00	7,557.32	7,375.26	174.58	34.70	91.06	-1,036.64	770.39	8,584.23	8,500.49	83.74	102.516		
13,600.00	7,321.00	7,558.40	7,376.34	176.66	34.70	91.08	-1,036.64	770.38	8,669.69	8,585.59	84.09	103.096		
13,700.00	7,321.00	7,559.49	7,377.43	178.75	34.71	91.09	-1,036.65	770.37	8,755.46	8,671.01	84.45	103.678		
13,800.00	7,321.00	7,560.59	7,378.53	180.87	34.71	91.11	-1,036.66	770.36	8,841.52	8,756.72	84.80	104.261		
13,900.00	7,321.00	7,561.70	7,379.64	183.00	34.71	91.12	-1,036.67	770.36	8,927.88	8,842.73	85.15	104.846		
14,000.00	7,321.00	7,562.82	7,380.76	185.15	34.71	91.14	-1,036.67	770.35	9,014.52	8,929.02	85.50	105.432		
14,100.00	7,321.00	7,563.94	7,381.88	187.32	34.72	91.15	-1,036.68	770.34	9,101.43	9,015.59	85.85	106.021		
14,200.00	7,321.00	7,565.08	7,383.02	189.50	34.72	91.16	-1,036.69	770.33	9,188.61	9,102.43	86.19	106.611		
14,300.00	7,321.00	7,566.23	7,384.17	191.70	34.72	91.18	-1,036.70	770.32	9,276.05	9,189.52	86.53	107.203		
14,400.00	7,321.00	7,567.38	7,385.32	193.92	34.72	91.19	-1,036.70	770.31	9,363.74	9,276.88	86.86	107.797		
14,500.00	7,321.00	7,568.55	7,386.49	196.15	34.73	91.21	-1,036.71	770.30	9,451.68	9,364.48	87.20	108.393		
14,600.00	7,321.00	7,569.73	7,387.67	198.39	34.73	91.22	-1,036.72	770.29	9,539.85	9,452.32	87.53	108.992		
14,700.00	7,321.00	7,570.91	7,388.85	200.65	34.73	91.24	-1,036.73	770.29	9,628.25	9,540.39	87.86	109.592		
14,800.00	7,321.00	7,572.11	7,390.05	202.92	34.74	91.25	-1,036.74	770.28	9,716.88	9,628.70	88.18	110.194		
14,900.00	7,321.00	7,573.32	7,391.26	205.20	34.74	91.27	-1,036.74	770.27	9,805.72	9,717.22	88.50	110.798		
15,000.00	7,321.00	7,574.54	7,392.48	207.50	34.74	91.29	-1,036.75	770.26	9,894.78	9,805.96	88.82	111.404		
15,100.00	7,321.00	7,575.77	7,393.71	209.80	34.75	91.30	-1,036.76	770.25	9,984.05	9,894.91	89.13	112.013		
15,200.00	7,321.00	7,577.01	7,394.95	212.12	34.75	91.32	-1,036.77	770.24	10,073.52	9,984.07	89.44	112.623		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	58.74	58.74	0.27	0.11	-178.13	-1,702.56	-55.50	1,703.49	1,703.10	0.38	4,446.688		
200.00	200.00	140.89	140.88	0.63	0.41	-178.10	-1,703.37	-56.51	1,704.53	1,703.49	1.04	1,643.120		
300.00	300.00	235.63	235.53	0.99	0.76	-177.98	-1,705.09	-60.05	1,706.45	1,704.72	1.74	981.543		
400.00	400.00	350.93	350.77	1.34	1.17	-177.88	-1,706.70	-63.09	1,707.95	1,705.44	2.51	680.535		
500.00	499.98	488.34	487.99	1.69	1.64	-25.65	-1,707.04	-56.91	1,706.53	1,703.22	3.31	515.255		
600.00	599.84	600.00	598.71	2.03	2.04	-26.26	-1,705.10	-42.75	1,699.65	1,695.61	4.05	419.880		
700.00	699.45	1,188.70	1,161.33	2.38	4.96	-31.86	-1,608.76	82.80	1,671.98	1,664.93	7.05	237.125		
800.00	798.70	1,258.57	1,227.57	2.75	5.33	-32.85	-1,588.18	91.24	1,633.28	1,625.58	7.70	212.008		
900.00	897.47	1,324.21	1,289.88	3.15	5.69	-33.96	-1,569.72	100.43	1,593.42	1,585.05	8.37	190.345		
1,000.00	995.62	1,517.71	1,471.43	3.57	6.88	-37.00	-1,511.85	133.85	1,550.88	1,541.26	9.62	161.239		
1,100.00	1,093.06	1,647.83	1,591.83	4.03	7.71	-39.51	-1,465.53	150.59	1,500.01	1,489.44	10.56	141.995		
1,200.00	1,189.64	1,734.88	1,672.47	4.53	8.25	-41.58	-1,433.46	157.40	1,445.99	1,434.66	11.34	127.542		
1,300.00	1,285.27	1,807.66	1,740.25	5.08	8.68	-43.56	-1,407.12	160.07	1,390.39	1,378.32	12.07	115.170		
1,400.00	1,379.82	1,888.09	1,815.34	5.66	9.14	-45.86	-1,378.32	161.14	1,333.22	1,320.38	12.84	103.813		
1,500.00	1,473.17	1,960.00	1,882.57	6.30	9.55	-48.28	-1,352.80	161.18	1,274.71	1,261.07	13.63	93.512		
1,600.00	1,565.21	2,022.88	1,941.54	6.98	9.90	-50.76	-1,330.97	160.50	1,215.44	1,200.99	14.45	84.095		
1,700.00	1,655.84	2,080.00	1,995.33	7.72	10.22	-53.35	-1,311.78	159.55	1,156.01	1,140.68	15.33	75.399		
1,800.00	1,744.94	2,143.23	2,055.13	8.51	10.57	-56.37	-1,291.31	158.04	1,096.74	1,080.45	16.29	67.326		
1,900.00	1,832.39	2,203.43	2,112.31	9.35	10.89	-59.57	-1,272.56	156.09	1,037.94	1,020.61	17.33	59.879		
2,000.00	1,918.11	2,262.62	2,168.70	10.25	11.21	-63.03	-1,254.73	154.05	980.05	961.56	18.49	53.013		
2,100.00	2,001.97	2,320.00	2,223.57	11.19	11.51	-66.71	-1,238.03	152.03	923.70	903.93	19.77	46.721		
2,200.00	2,083.88	2,377.49	2,278.72	12.20	11.81	-70.66	-1,221.94	149.96	869.65	848.45	21.20	41.020		
2,300.00	2,163.74	2,437.39	2,336.29	13.25	12.11	-75.00	-1,205.57	147.75	818.56	795.77	22.79	35.916		
2,400.00	2,241.45	2,495.97	2,392.67	14.35	12.41	-79.51	-1,189.79	145.55	771.45	746.91	24.55	31.426		
2,500.00	2,316.92	2,552.14	2,446.77	15.51	12.70	-84.04	-1,174.85	143.45	729.73	703.28	26.46	27.581		
2,600.00	2,390.05	2,604.30	2,497.07	16.71	12.97	-88.37	-1,161.17	141.58	695.12	666.65	28.47	24.413		
2,700.00	2,460.76	2,655.20	2,546.21	17.96	13.23	-92.60	-1,148.00	139.92	669.48	638.98	30.50	21.953		
2,800.00	2,528.98	2,705.86	2,595.05	19.26	13.49	-96.72	-1,134.63	138.46	654.31	621.91	32.40	20.197		
2,880.34	2,583.01	2,744.40	2,632.13	20.33	13.70	-99.70	-1,124.17	137.47	650.48	616.75	33.73	19.285 CC		
2,900.00	2,596.24	2,753.67	2,641.05	20.59	13.75	-100.42	-1,121.63	137.25	650.71	616.70	34.02	19.128 ES		
3,000.00	2,663.50	2,800.00	2,685.55	21.92	14.00	-104.01	-1,108.80	136.19	658.99	623.75	35.25	18.696 SF		
3,100.00	2,730.76	2,846.50	2,730.20	23.25	14.25	-107.58	-1,095.84	135.20	678.79	642.74	36.05	18.829		
3,200.00	2,798.02	2,893.88	2,775.72	24.60	14.51	-111.15	-1,082.75	134.21	709.11	672.63	36.47	19.442		
3,300.00	2,865.28	2,940.87	2,820.93	25.94	14.77	-114.60	-1,069.96	133.23	748.60	712.00	36.60	20.454		
3,400.00	2,932.54	2,986.80	2,865.17	27.30	15.01	-117.85	-1,057.63	132.38	795.97	759.45	36.52	21.794		
3,500.00	2,999.80	3,033.61	2,910.30	28.65	15.27	-121.04	-1,045.22	131.65	849.89	813.55	36.33	23.391		
3,600.00	3,067.06	3,081.27	2,956.24	30.01	15.52	-124.14	-1,032.57	130.94	909.12	873.02	36.10	25.184		
3,700.00	3,134.32	3,126.86	3,000.15	31.37	15.77	-126.97	-1,020.35	130.25	972.73	936.88	35.84	27.138		
3,800.00	3,201.59	3,167.94	3,039.71	32.73	16.00	-129.40	-1,009.24	129.79	1,040.10	1,004.52	35.58	29.233		
3,900.00	3,268.85	3,211.66	3,081.77	34.09	16.24	-131.85	-997.32	129.55	1,110.65	1,075.28	35.36	31.407		
4,000.00	3,336.11	3,271.91	3,139.84	35.46	16.57	-135.01	-981.29	129.14	1,183.35	1,148.05	35.30	33.519		
4,100.00	3,403.37	3,325.16	3,191.31	36.83	16.86	-137.59	-967.62	128.55	1,257.56	1,222.31	35.25	35.674		
4,200.00	3,470.63	3,368.07	3,232.77	38.20	17.09	-139.53	-956.60	128.14	1,333.42	1,298.25	35.17	37.913		
4,300.00	3,537.89	3,411.78	3,274.97	39.57	17.32	-141.41	-945.23	127.82	1,410.83	1,375.69	35.14	40.153		
4,400.00	3,605.15	3,458.01	3,319.57	40.94	17.58	-143.28	-933.05	127.47	1,489.47	1,454.31	35.16	42.364		
4,500.00	3,672.41	3,505.49	3,365.33	42.31	17.84	-145.09	-920.40	127.03	1,569.12	1,533.89	35.23	44.542		
4,600.00	3,739.67	3,555.02	3,413.06	43.68	18.11	-146.86	-907.18	126.50	1,649.58	1,614.24	35.35	46.668		
4,700.00	3,806.93	3,604.91	3,461.16	45.06	18.38	-148.52	-893.91	125.92	1,730.71	1,695.21	35.50	48.748		
4,800.00	3,874.19	3,654.95	3,509.45	46.43	18.66	-150.08	-880.81	125.48	1,812.40	1,776.71	35.69	50.779		
4,900.00	3,941.46	3,702.59	3,555.48	47.81	18.91	-151.45	-868.57	125.26	1,894.59	1,858.70	35.89	52.789		
5,000.00	4,008.72	3,748.14	3,599.55	49.18	19.16	-152.67	-857.03	125.32	1,977.30	1,941.21	36.10	54.779		
5,100.00	4,075.98	3,788.58	3,638.69	50.56	19.38	-153.69	-846.85	125.60	2,060.52	2,024.24	36.28	56.797		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
5,200.00	4,143.24	3,825.62	3,674.51	51.94	19.58	-154.57	-837.43	126.00	2,144.31	2,107.86	36.45	58.833		
5,300.00	4,210.50	3,858.75	3,706.50	53.31	19.76	-155.32	-828.86	126.47	2,228.67	2,192.08	36.60	60.900		
5,400.00	4,277.76	3,880.00	3,726.99	54.69	19.88	-155.79	-823.22	126.81	2,313.68	2,277.03	36.64	63.142		
5,500.00	4,345.02	3,920.00	3,765.42	56.07	20.11	-156.66	-812.16	127.48	2,399.30	2,362.42	36.88	65.054		
5,600.00	4,412.28	3,937.16	3,781.85	57.45	20.21	-157.02	-807.21	127.77	2,485.53	2,448.62	36.91	67.340		
5,700.00	4,479.54	3,960.00	3,803.66	58.83	20.35	-157.50	-800.44	128.16	2,572.35	2,535.35	37.00	69.519		
5,800.00	4,546.80	3,994.68	3,836.69	60.21	20.56	-158.20	-789.89	128.72	2,659.62	2,622.40	37.22	71.454		
5,900.00	4,614.07	4,026.98	3,867.39	61.59	20.76	-158.84	-779.87	129.19	2,747.25	2,709.82	37.43	73.402		
6,000.00	4,681.33	4,060.25	3,898.96	62.97	20.96	-159.48	-769.35	129.61	2,835.20	2,797.55	37.65	75.300		
6,100.00	4,748.59	4,094.44	3,931.33	64.35	21.18	-160.11	-758.37	129.97	2,923.44	2,885.54	37.89	77.146		
6,200.00	4,815.85	4,132.12	3,966.95	65.73	21.41	-160.79	-746.09	130.25	3,011.92	2,973.74	38.18	78.885		
6,300.00	4,883.11	4,201.04	4,032.10	67.11	21.85	-161.97	-723.61	130.41	3,100.45	3,061.66	38.79	79.930		
6,400.00	4,950.37	4,310.24	4,135.88	68.49	22.52	-163.66	-689.64	129.90	3,188.28	3,148.47	39.81	80.086		
6,500.00	5,017.63	4,365.17	4,188.36	69.87	22.84	-164.41	-673.42	129.74	3,275.70	3,235.40	40.30	81.285		
6,600.00	5,084.89	4,400.00	4,221.67	71.25	23.05	-164.86	-663.25	129.93	3,363.31	3,322.72	40.59	82.852		
6,700.00	5,152.15	4,443.89	4,263.67	72.63	23.31	-165.40	-650.51	130.41	3,451.09	3,410.10	40.99	84.197		
6,800.00	5,219.41	4,502.30	4,319.59	74.02	23.65	-166.07	-633.65	131.01	3,538.86	3,497.32	41.54	85.199		
6,900.00	5,286.67	4,555.59	4,370.64	75.40	23.96	-166.66	-618.35	131.39	3,626.56	3,584.52	42.04	86.269		
7,000.00	5,353.94	4,605.53	4,418.49	76.78	24.25	-167.19	-604.06	131.66	3,714.25	3,671.74	42.51	87.372		
7,100.00	5,421.20	4,645.71	4,456.96	78.16	24.49	-167.60	-592.46	131.72	3,802.02	3,759.13	42.89	88.648		
7,200.00	5,488.46	4,684.70	4,494.22	79.55	24.72	-167.99	-580.99	131.56	3,889.92	3,846.66	43.26	89.921		
7,300.00	5,555.72	4,878.18	4,679.90	80.93	25.83	-169.74	-526.68	129.44	3,977.56	3,932.37	45.20	88.008		
7,400.00	5,622.98	5,044.09	4,840.60	82.31	26.71	-171.02	-485.74	125.02	4,062.77	4,015.94	46.83	86.753		
7,500.00	5,690.24	5,130.64	4,924.82	83.69	27.15	-171.60	-465.93	122.66	4,147.49	4,099.81	47.68	86.982		
7,600.00	5,757.50	5,926.29	5,713.24	85.08	30.07	-174.66	-375.24	102.19	4,222.50	4,167.79	54.72	77.168		
7,700.00	5,824.76	5,974.94	5,761.88	86.46	30.19	-174.75	-374.56	101.57	4,296.72	4,241.52	55.20	77.840		
7,800.00	5,892.02	6,033.01	5,819.95	87.84	30.33	-174.83	-373.96	101.57	4,371.16	4,315.41	55.76	78.397		
7,900.00	5,959.28	6,119.79	5,906.72	89.23	30.54	-174.95	-373.30	101.65	4,445.50	4,388.96	56.54	78.627		
8,000.00	6,026.55	6,198.61	5,985.55	90.61	30.74	-175.05	-372.84	101.38	4,519.60	4,462.34	57.26	78.933		
8,100.00	6,093.81	6,288.39	6,075.33	91.99	30.95	-175.17	-372.59	100.86	4,593.44	4,535.38	58.06	79.119		
8,200.00	6,161.07	6,358.47	6,145.40	93.38	31.12	-175.26	-372.58	100.38	4,667.08	4,608.38	58.70	79.503		
8,300.00	6,228.33	6,436.46	6,223.39	94.76	31.30	-175.35	-372.62	99.79	4,740.69	4,681.28	59.41	79.795		
8,400.00	6,295.59	6,511.65	6,298.58	96.14	31.48	-175.44	-372.82	99.09	4,814.10	4,754.00	60.10	80.107		
8,500.00	6,362.85	6,571.18	6,358.10	97.53	31.62	-175.51	-372.91	98.48	4,887.55	4,826.89	60.67	80.565		
8,600.00	6,430.11	6,629.66	6,416.58	98.91	31.77	-175.57	-372.88	97.88	4,961.14	4,899.91	61.23	81.025		
8,700.00	6,497.37	6,688.68	6,475.60	100.29	31.91	-175.64	-372.73	97.30	5,034.85	4,973.04	61.80	81.468		
8,800.00	6,564.63	6,750.25	6,537.17	101.68	32.07	-175.71	-372.54	96.80	5,108.65	5,046.26	62.39	81.876		
8,900.00	6,631.89	6,806.87	6,593.79	103.06	32.21	-175.76	-372.37	96.52	5,182.56	5,119.61	62.95	82.326		
9,000.00	6,699.15	6,863.67	6,650.58	104.45	32.36	-175.81	-372.20	96.50	5,256.63	5,193.11	63.51	82.763		
9,100.00	6,766.42	6,929.12	6,716.03	105.83	32.52	-175.87	-372.01	96.62	5,330.77	5,266.62	64.15	83.103		
9,200.00	6,833.68	7,002.39	6,789.30	107.22	32.71	-175.93	-371.81	96.71	5,404.89	5,340.05	64.84	83.352		
9,300.00	6,900.94	7,073.10	6,860.01	108.60	32.89	-175.99	-371.67	96.70	5,478.92	5,413.39	65.52	83.620		
9,400.00	6,968.20	7,135.02	6,921.93	109.98	33.06	-176.04	-371.50	96.66	5,552.97	5,486.84	66.13	83.971		
9,500.00	7,035.46	7,193.47	6,980.38	111.37	33.21	-176.09	-371.28	96.66	5,627.11	5,560.40	66.71	84.350		
9,600.00	7,101.31	7,247.16	7,034.07	112.79	33.35	-169.37	-371.01	96.74	5,702.56	5,635.29	67.26	84.778		
9,700.00	7,161.49	7,289.47	7,076.37	114.30	33.46	-150.51	-370.70	96.84	5,780.89	5,713.15	67.74	85.344		
9,800.00	7,214.06	7,326.09	7,113.00	115.85	33.56	-132.85	-370.32	96.96	5,859.97	5,791.82	68.16	85.979		
9,900.00	7,257.41	7,360.00	7,146.90	117.39	33.66	-117.67	-369.88	97.09	5,937.58	5,869.03	68.54	86.625		
10,000.00	7,290.24	7,378.16	7,165.06	118.87	33.71	-105.45	-369.62	97.17	6,011.59	5,942.79	68.80	87.380		
10,100.00	7,311.53	7,392.41	7,179.31	120.23	33.75	-96.35	-369.39	97.24	6,080.06	6,011.02	69.04	88.069		
10,200.00	7,320.66	7,400.00	7,186.90	121.43	33.77	-90.00	-369.27	97.28	6,141.20	6,071.94	69.27	88.662		
10,300.00	7,321.00	7,400.00	7,186.90	122.51	33.77	-88.86	-369.27	97.28	6,196.59	6,127.10	69.49	89.167		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	7,400.00	7,186.90	123.62	33.77	88.86	-369.27	97.28	6,252.82	6,183.04	69.77	89.618	
10,500.00	7,321.00	7,400.00	7,186.90	124.77	33.77	88.86	-369.27	97.28	6,310.12	6,240.03	70.09	90.029	
10,600.00	7,321.00	7,400.00	7,186.90	125.95	33.77	88.86	-369.27	97.28	6,368.49	6,298.04	70.44	90.404	
10,700.00	7,321.00	7,400.00	7,186.90	127.17	33.77	88.86	-369.27	97.28	6,427.87	6,357.04	70.83	90.746	
10,800.00	7,321.00	7,400.00	7,186.90	128.43	33.77	88.86	-369.27	97.28	6,488.26	6,417.01	71.25	91.059	
10,900.00	7,321.00	7,400.00	7,186.90	129.72	33.77	88.86	-369.27	97.28	6,549.62	6,477.92	71.70	91.347	
11,000.00	7,321.00	7,400.00	7,186.90	131.05	33.77	88.86	-369.27	97.28	6,611.91	6,539.74	72.17	91.613	
11,100.00	7,321.00	7,400.00	7,186.90	132.41	33.77	88.86	-369.27	97.28	6,675.13	6,602.46	72.67	91.860	
11,200.00	7,321.00	7,400.00	7,186.90	133.81	33.77	88.86	-369.27	97.28	6,739.24	6,666.06	73.18	92.092	
11,300.00	7,321.00	7,400.00	7,186.90	135.25	33.77	88.86	-369.27	97.28	6,804.21	6,730.50	73.71	92.312	
11,400.00	7,321.00	7,400.00	7,186.90	136.72	33.77	88.86	-369.27	97.28	6,870.02	6,795.77	74.25	92.522	
11,500.00	7,321.00	7,400.00	7,186.90	138.22	33.77	88.86	-369.27	97.28	6,936.65	6,861.84	74.81	92.724	
11,600.00	7,321.00	7,400.00	7,186.90	139.76	33.77	88.86	-369.27	97.28	7,004.08	6,928.70	75.38	92.921	
11,700.00	7,321.00	7,393.20	7,180.10	141.34	33.75	88.79	-369.38	97.24	7,072.27	6,996.37	75.90	93.182	
11,800.00	7,321.00	7,392.86	7,179.76	142.94	33.75	88.78	-369.38	97.24	7,141.21	7,064.74	76.48	93.377	
11,900.00	7,321.00	7,392.52	7,179.41	144.58	33.75	88.78	-369.39	97.24	7,210.89	7,133.82	77.06	93.572	
12,000.00	7,321.00	7,392.17	7,179.07	146.25	33.75	88.78	-369.40	97.24	7,281.27	7,203.61	77.65	93.769	
12,100.00	7,321.00	7,391.83	7,178.73	147.95	33.75	88.77	-369.40	97.24	7,352.33	7,274.09	78.24	93.968	
12,200.00	7,321.00	7,391.49	7,178.39	149.67	33.75	88.77	-369.41	97.23	7,424.06	7,345.23	78.84	94.171	
12,300.00	7,321.00	7,391.15	7,178.05	151.43	33.74	88.76	-369.41	97.23	7,496.44	7,417.01	79.43	94.379	
12,400.00	7,321.00	7,390.82	7,177.72	153.22	33.74	88.76	-369.42	97.23	7,569.45	7,489.43	80.02	94.592	
12,500.00	7,321.00	7,390.48	7,177.38	155.04	33.74	88.76	-369.42	97.23	7,643.07	7,562.46	80.61	94.811	
12,600.00	7,321.00	7,390.15	7,177.04	156.88	33.74	88.75	-369.43	97.23	7,717.28	7,636.08	81.20	95.037	
12,700.00	7,321.00	7,389.81	7,176.71	158.75	33.74	88.75	-369.43	97.23	7,792.07	7,710.28	81.79	95.270	
12,800.00	7,321.00	7,389.48	7,176.38	160.65	33.74	88.75	-369.44	97.22	7,867.42	7,785.05	82.37	95.510	
12,900.00	7,321.00	7,389.15	7,176.05	162.57	33.74	88.74	-369.44	97.22	7,943.32	7,860.37	82.95	95.758	
13,000.00	7,321.00	7,388.82	7,175.71	164.51	33.74	88.74	-369.45	97.22	8,019.74	7,936.21	83.53	96.014	
13,100.00	7,321.00	7,388.49	7,175.39	166.48	33.74	88.74	-369.45	97.22	8,096.68	8,012.58	84.10	96.278	
13,200.00	7,321.00	7,388.16	7,175.06	168.48	33.74	88.73	-369.46	97.22	8,174.11	8,089.45	84.66	96.551	
13,300.00	7,321.00	7,387.83	7,174.73	170.49	33.74	88.73	-369.47	97.22	8,252.03	8,166.81	85.22	96.832	
13,400.00	7,321.00	7,387.50	7,174.40	172.52	33.73	88.72	-369.47	97.21	8,330.43	8,244.65	85.77	97.121	
13,500.00	7,321.00	7,387.18	7,174.08	174.58	33.73	88.72	-369.48	97.21	8,409.28	8,322.96	86.32	97.419	
13,600.00	7,321.00	7,386.85	7,173.75	176.66	33.73	88.72	-369.48	97.21	8,488.57	8,401.71	86.86	97.725	
13,700.00	7,321.00	7,386.53	7,173.43	178.75	33.73	88.71	-369.49	97.21	8,568.30	8,480.91	87.40	98.039	
13,800.00	7,321.00	7,386.21	7,173.11	180.87	33.73	88.71	-369.49	97.21	8,648.45	8,560.53	87.93	98.362	
13,900.00	7,321.00	7,385.89	7,172.79	183.00	33.73	88.71	-369.50	97.21	8,729.01	8,640.57	88.45	98.692	
14,000.00	7,321.00	7,385.57	7,172.47	185.15	33.73	88.70	-369.50	97.20	8,809.97	8,721.01	88.96	99.031	
14,100.00	7,321.00	7,385.25	7,172.15	187.32	33.73	88.70	-369.51	97.20	8,891.32	8,801.85	89.47	99.377	
14,200.00	7,321.00	7,384.93	7,171.83	189.50	33.73	88.70	-369.51	97.20	8,973.04	8,883.07	89.97	99.732	
14,300.00	7,321.00	7,384.61	7,171.51	191.70	33.73	88.69	-369.52	97.20	9,055.13	8,964.67	90.47	100.094	
14,400.00	7,321.00	7,384.30	7,171.20	193.92	33.73	88.69	-369.52	97.20	9,137.58	9,046.63	90.95	100.463	
14,500.00	7,321.00	7,383.98	7,170.88	196.15	33.72	88.69	-369.53	97.20	9,220.37	9,128.94	91.44	100.840	
14,600.00	7,321.00	7,383.67	7,170.57	198.39	33.72	88.68	-369.53	97.19	9,303.51	9,211.60	91.91	101.224	
14,700.00	7,321.00	7,383.36	7,170.26	200.65	33.72	88.68	-369.54	97.19	9,386.97	9,294.59	92.38	101.614	
14,800.00	7,321.00	7,383.04	7,169.94	202.92	33.72	88.67	-369.54	97.19	9,470.75	9,377.91	92.84	102.012	
14,900.00	7,321.00	7,382.73	7,169.63	205.20	33.72	88.67	-369.55	97.19	9,554.84	9,461.55	93.29	102.416	
15,000.00	7,321.00	7,382.42	7,169.32	207.50	33.72	88.67	-369.55	97.19	9,639.24	9,545.50	93.74	102.827	
15,100.00	7,321.00	7,382.12	7,169.02	209.80	33.72	88.66	-369.56	97.19	9,723.93	9,629.75	94.18	103.244	
15,200.00	7,321.00	7,381.81	7,168.71	212.12	33.72	88.66	-369.56	97.19	9,808.92	9,714.30	94.62	103.668	
15,300.00	7,321.00	7,381.50	7,168.40	214.45	33.72	88.66	-369.56	97.18	9,894.18	9,799.13	95.05	104.097	
15,400.00	7,321.00	7,381.19	7,168.09	216.79	33.72	88.65	-369.57	97.18	9,979.71	9,884.24	95.47	104.533	
15,500.00	7,321.00	7,380.89	7,167.79	219.15	33.72	88.65	-369.57	97.18	10,065.52	9,969.63	95.89	104.974	

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	66.23	66.23	0.27	0.12	-178.17	-1,727.94	-55.32	1,728.82	1,728.44	0.38	4,504.244		
200.00	200.00	163.63	163.63	0.63	0.28	-178.17	-1,728.11	-55.33	1,729.00	1,728.09	0.91	1,897.201		
300.00	300.00	261.02	261.02	0.99	0.45	-178.17	-1,728.43	-55.35	1,729.33	1,727.89	1.44	1,201.885		
400.00	400.00	358.42	358.41	1.34	0.62	-178.17	-1,728.90	-55.38	1,729.81	1,727.84	1.97	879.710		
500.00	499.98	456.11	456.11	1.69	0.82	-25.71	-1,729.51	-55.42	1,728.86	1,726.36	2.51	689.086		
600.00	599.84	556.13	556.13	2.03	1.18	-25.81	-1,730.19	-55.54	1,724.84	1,721.63	3.21	537.953		
700.00	699.45	656.34	656.33	2.38	1.54	-26.00	-1,730.87	-55.72	1,717.67	1,713.76	3.91	438.819		
800.00	798.70	761.98	761.97	2.75	1.92	-26.28	-1,731.39	-55.86	1,707.21	1,702.56	4.65	367.260		
900.00	897.47	895.25	895.19	3.15	2.37	-26.83	-1,730.87	-52.92	1,692.84	1,687.37	5.47	309.426		
1,000.00	995.62	1,062.31	1,061.80	3.57	2.95	-27.88	-1,724.61	-42.78	1,672.03	1,665.61	6.42	260.506		
1,100.00	1,093.06	1,229.26	1,227.45	4.03	3.55	-29.38	-1,711.35	-26.78	1,644.36	1,636.97	7.39	222.557		
1,200.00	1,189.64	1,406.94	1,401.88	4.53	4.27	-31.58	-1,688.98	-1.75	1,609.96	1,601.52	8.43	190.872		
1,300.00	1,285.27	1,542.97	1,533.84	5.08	4.89	-33.85	-1,665.51	21.45	1,568.85	1,559.47	9.38	167.183		
1,400.00	1,379.82	1,640.43	1,627.41	5.66	5.37	-36.02	-1,646.81	41.23	1,524.33	1,514.08	10.25	148.729		
1,500.00	1,473.17	1,754.22	1,735.49	6.30	5.98	-38.95	-1,623.27	67.89	1,477.21	1,465.96	11.25	131.287		
1,600.00	1,565.21	1,853.39	1,828.71	6.98	6.56	-42.04	-1,600.36	92.79	1,427.07	1,414.80	12.27	116.265		
1,700.00	1,655.84	1,925.61	1,896.05	7.72	7.01	-44.84	-1,582.91	112.17	1,375.61	1,362.34	13.27	103.684		
1,800.00	1,744.94	1,987.04	1,953.19	8.51	7.40	-47.58	-1,568.11	129.20	1,324.04	1,309.75	14.30	92.603		
1,900.00	1,832.39	2,045.08	2,007.35	9.35	7.78	-50.41	-1,554.54	145.04	1,273.11	1,257.71	15.40	82.671		
2,000.00	1,918.11	2,121.26	2,078.40	10.25	8.28	-54.12	-1,536.52	165.83	1,222.73	1,206.03	16.70	73.221		
2,100.00	2,001.97	2,193.03	2,144.85	11.19	8.76	-58.00	-1,518.51	186.05	1,172.97	1,154.86	18.11	64.763		
2,200.00	2,083.88	2,256.06	2,202.74	12.20	9.21	-61.77	-1,501.83	204.59	1,124.85	1,105.23	19.62	57.322		
2,300.00	2,163.74	2,312.55	2,254.47	13.25	9.62	-65.40	-1,486.46	221.30	1,079.47	1,058.23	21.23	50.835		
2,400.00	2,241.45	2,356.85	2,295.03	14.35	9.94	-68.49	-1,474.34	234.36	1,037.98	1,015.09	22.89	45.345		
2,500.00	2,316.92	2,395.33	2,330.31	15.51	10.22	-71.26	-1,464.02	245.72	1,001.66	977.06	24.60	40.714		
2,600.00	2,390.05	2,436.11	2,367.76	16.71	10.52	-74.09	-1,453.27	257.78	971.47	945.07	26.40	36.801		
2,700.00	2,460.76	2,483.85	2,411.55	17.96	10.87	-77.26	-1,440.47	271.82	948.06	919.79	28.28	33.528		
2,800.00	2,528.98	2,524.21	2,448.48	19.26	11.17	-79.87	-1,429.23	283.59	932.29	902.22	30.06	31.011		
2,900.00	2,596.24	2,551.88	2,473.78	20.59	11.37	-81.49	-1,421.50	291.70	925.65	894.05	31.60	29.289		
2,917.40	2,607.94	2,556.72	2,478.21	20.82	11.41	-81.77	-1,420.16	293.13	925.49	893.64	31.85	29.056 CC, ES		
3,000.00	2,663.50	2,579.76	2,499.28	21.92	11.58	-83.11	-1,413.83	299.99	928.79	895.85	32.94	28.199		
3,100.00	2,730.76	2,607.87	2,524.97	23.25	11.80	-84.75	-1,406.22	308.47	941.60	907.57	34.03	27.672		
3,200.00	2,798.02	2,635.56	2,550.23	24.60	12.01	-86.36	-1,398.74	316.98	963.69	928.83	34.86	27.644 SF		
3,300.00	2,865.28	2,662.03	2,574.32	25.94	12.21	-87.89	-1,391.52	325.29	994.48	959.04	35.44	28.058		
3,400.00	2,932.54	2,687.76	2,597.63	27.30	12.41	-89.37	-1,384.42	333.53	1,033.26	997.46	35.81	28.855		
3,500.00	2,999.80	2,713.49	2,620.86	28.65	12.62	-90.84	-1,377.22	341.91	1,079.18	1,043.18	36.01	29.970		
3,600.00	3,067.06	2,740.78	2,645.44	30.01	12.84	-92.39	-1,369.49	350.92	1,131.38	1,095.28	36.10	31.337		
3,700.00	3,134.32	2,768.18	2,670.07	31.37	13.06	-93.93	-1,361.63	360.01	1,189.00	1,152.89	36.11	32.926		
3,800.00	3,201.59	2,794.85	2,693.99	32.73	13.28	-95.41	-1,353.90	368.91	1,251.31	1,215.26	36.05	34.708		
3,900.00	3,268.85	2,822.02	2,718.31	34.09	13.50	-96.90	-1,345.94	378.02	1,317.67	1,281.71	35.97	36.634		
4,000.00	3,336.11	2,848.95	2,742.40	35.46	13.73	-98.36	-1,337.99	387.08	1,387.50	1,351.63	35.87	38.685		
4,100.00	3,403.37	2,875.34	2,765.96	36.83	13.95	-99.76	-1,330.13	395.98	1,460.30	1,424.54	35.76	40.841		
4,200.00	3,470.63	2,917.88	2,804.01	38.20	14.30	-101.97	-1,317.49	410.22	1,535.55	1,499.70	35.85	42.835		
4,300.00	3,537.89	2,993.22	2,872.05	39.57	14.91	-105.72	-1,295.89	434.30	1,612.33	1,576.00	36.33	44.378		
4,400.00	3,605.15	3,040.20	2,914.82	40.94	15.28	-107.95	-1,282.73	448.58	1,690.39	1,653.90	36.49	46.325		
4,500.00	3,672.41	3,085.16	2,955.86	42.31	15.63	-110.02	-1,270.02	461.85	1,769.84	1,733.20	36.64	48.308		
4,600.00	3,739.67	3,108.65	2,977.29	43.68	15.81	-111.07	-1,263.34	468.76	1,850.69	1,814.13	36.56	50.617		
4,700.00	3,806.93	3,133.69	3,000.11	45.06	16.01	-112.16	-1,256.19	476.20	1,932.90	1,896.38	36.52	52.921		
4,800.00	3,874.19	3,160.00	3,024.04	46.43	16.22	-113.29	-1,248.65	484.12	2,016.33	1,979.81	36.52	55.213		
4,900.00	3,941.46	3,183.84	3,045.69	47.81	16.41	-114.28	-1,241.80	491.37	2,100.82	2,064.32	36.51	57.549		
5,000.00	4,008.72	3,210.00	3,069.43	49.18	16.61	-115.35	-1,234.31	499.42	2,186.25	2,149.71	36.54	59.839		
5,100.00	4,075.98	3,236.93	3,093.84	50.56	16.83	-116.42	-1,226.63	507.80	2,272.49	2,235.90	36.59	62.102		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,143.24	3,271.34	3,125.03	51.94	17.11	-117.74	-1,216.92	518.59	2,359.42	2,322.67	36.75	64.199		
5,300.00	4,210.50	3,377.37	3,221.91	53.31	17.94	-121.53	-1,188.17	550.71	2,446.33	2,408.61	37.72	64.856		
5,400.00	4,277.76	3,418.73	3,259.96	54.69	18.26	-122.88	-1,177.63	562.99	2,533.28	2,495.30	37.98	66.692		
5,500.00	4,345.02	3,456.83	3,295.07	56.07	18.55	-124.07	-1,168.28	574.49	2,620.62	2,582.39	38.23	68.544		
5,600.00	4,412.28	3,490.34	3,325.94	57.45	18.80	-125.08	-1,160.23	584.73	2,708.37	2,669.92	38.44	70.449		
5,700.00	4,479.54	3,521.80	3,354.91	58.83	19.04	-125.98	-1,152.73	594.45	2,796.53	2,757.88	38.65	72.364		
5,800.00	4,546.80	3,557.24	3,387.53	60.21	19.31	-126.97	-1,144.34	605.47	2,885.05	2,846.15	38.90	74.160		
5,900.00	4,614.07	3,619.20	3,444.66	61.59	19.79	-128.60	-1,129.91	624.61	2,973.72	2,934.25	39.47	75.341		
6,000.00	4,681.33	3,674.44	3,495.76	62.97	20.20	-129.97	-1,117.35	641.41	3,062.36	3,022.39	39.97	76.619		
6,100.00	4,748.59	3,726.06	3,543.60	64.35	20.59	-131.17	-1,105.91	657.05	3,151.08	3,110.64	40.44	77.927		
6,200.00	4,815.85	3,806.82	3,618.70	65.73	21.18	-132.91	-1,089.17	681.61	3,239.67	3,198.42	41.25	78.544		
6,300.00	4,883.11	3,840.00	3,649.61	67.11	21.42	-133.57	-1,082.83	691.88	3,328.20	3,286.66	41.53	80.132		
6,400.00	4,950.37	3,856.07	3,664.55	68.49	21.54	-133.87	-1,079.82	696.98	3,417.09	3,375.46	41.64	82.072		
6,500.00	5,017.63	3,880.00	3,686.67	69.87	21.72	-134.32	-1,075.32	704.90	3,506.49	3,464.65	41.84	83.815		
6,600.00	5,084.89	3,880.00	3,686.67	71.25	21.72	-134.32	-1,075.32	704.90	3,596.21	3,554.45	41.76	86.113		
6,700.00	5,152.15	3,894.31	3,699.83	72.63	21.83	-134.57	-1,072.61	709.82	3,686.38	3,644.52	41.86	88.057		
6,800.00	5,219.41	3,906.41	3,710.92	74.02	21.92	-134.78	-1,070.32	714.08	3,776.92	3,734.98	41.95	90.044		
6,900.00	5,286.67	3,920.00	3,723.34	75.40	22.03	-135.01	-1,067.74	718.98	3,867.82	3,825.77	42.05	91.979		
7,000.00	5,353.94	3,920.00	3,723.34	76.78	22.03	-135.01	-1,067.74	718.98	3,959.08	3,917.08	42.00	94.273		
7,100.00	5,421.20	3,937.97	3,739.67	78.16	22.18	-135.31	-1,064.26	725.61	4,050.61	4,008.44	42.17	96.060		
7,200.00	5,488.46	3,960.00	3,759.57	79.55	22.36	-135.67	-1,059.83	733.95	4,142.55	4,100.15	42.39	97.714		
7,300.00	5,555.72	3,960.00	3,759.57	80.93	22.36	-135.67	-1,059.83	733.95	4,234.64	4,192.29	42.35	99.982		
7,400.00	5,622.98	3,960.00	3,759.57	82.31	22.36	-135.67	-1,059.83	733.95	4,327.09	4,284.77	42.32	102.252		
7,500.00	5,690.24	3,960.00	3,759.57	83.69	22.36	-135.67	-1,059.83	733.95	4,419.86	4,377.58	42.29	104.522		
7,600.00	5,757.50	3,981.31	3,778.69	85.08	22.54	-136.01	-1,055.34	742.23	4,512.74	4,470.21	42.53	106.118		
7,700.00	5,824.76	4,000.00	3,795.35	86.46	22.70	-136.30	-1,051.26	749.66	4,605.99	4,563.25	42.74	107.777		
7,800.00	5,892.02	4,000.00	3,795.35	87.84	22.70	-136.30	-1,051.26	749.66	4,699.36	4,656.64	42.72	110.009		
7,900.00	5,959.28	4,000.00	3,795.35	89.23	22.70	-136.30	-1,051.26	749.66	4,793.00	4,750.30	42.70	112.237		
8,000.00	6,026.55	4,000.00	3,795.35	90.61	22.70	-136.30	-1,051.26	749.66	4,886.89	4,844.20	42.70	114.460		
8,100.00	6,093.81	4,019.83	3,812.91	91.99	22.88	-136.61	-1,046.74	757.68	4,980.87	4,937.93	42.94	116.001		
8,200.00	6,161.07	4,040.00	3,830.67	93.38	23.06	-136.91	-1,041.93	765.94	5,075.15	5,031.96	43.19	117.511		
8,300.00	6,228.33	4,040.00	3,830.67	94.76	23.06	-136.91	-1,041.93	765.94	5,169.49	5,126.29	43.19	119.686		
8,400.00	6,295.59	4,040.00	3,830.67	96.14	23.06	-136.91	-1,041.93	765.94	5,264.03	5,220.83	43.20	121.855		
8,500.00	6,362.85	4,040.00	3,830.67	97.53	23.06	-136.91	-1,041.93	765.94	5,358.78	5,315.57	43.21	124.014		
8,600.00	6,430.11	4,055.44	3,844.20	98.91	23.20	-137.15	-1,038.11	772.32	5,453.62	5,410.20	43.42	125.607		
8,700.00	6,497.37	4,062.20	3,850.10	100.29	23.27	-137.25	-1,036.39	775.12	5,548.64	5,505.12	43.52	127.493		
8,800.00	6,564.63	4,080.00	3,865.61	101.68	23.43	-137.51	-1,031.73	782.53	5,643.84	5,600.08	43.76	128.963		
8,900.00	6,631.89	4,080.00	3,865.61	103.06	23.43	-137.51	-1,031.73	782.53	5,739.09	5,695.30	43.79	131.058		
9,000.00	6,699.15	4,080.00	3,865.61	104.45	23.43	-137.51	-1,031.73	782.53	5,834.50	5,790.68	43.82	133.142		
9,100.00	6,766.42	4,080.00	3,865.61	105.83	23.43	-137.51	-1,031.73	782.53	5,930.06	5,886.21	43.86	135.213		
9,200.00	6,833.68	4,094.98	3,878.60	107.22	23.58	-137.73	-1,027.67	788.78	6,025.69	5,981.62	44.08	136.704		
9,300.00	6,900.94	4,101.45	3,884.20	108.60	23.64	-137.83	-1,025.88	791.49	6,121.46	6,077.26	44.20	138.496		
9,400.00	6,968.20	4,120.00	3,900.20	109.98	23.82	-138.10	-1,020.61	799.26	6,217.38	6,172.91	44.47	139.813		
9,500.00	7,035.46	4,120.00	3,900.20	111.37	23.82	-138.10	-1,020.61	799.26	6,313.32	6,268.80	44.52	141.811		
9,600.00	7,101.31	4,120.00	3,900.20	112.79	23.82	-165.28	-1,020.61	799.26	6,410.40	6,365.82	44.58	143.787		
9,700.00	7,161.49	4,120.00	3,900.20	114.30	23.82	122.90	-1,020.61	799.26	6,509.37	6,464.72	44.66	145.766		
9,800.00	7,214.06	4,120.00	3,900.20	115.85	23.82	82.11	-1,020.61	799.26	6,607.32	6,562.61	44.71	147.769		
9,900.00	7,257.41	4,120.00	3,900.20	117.39	23.82	67.15	-1,020.61	799.26	6,701.39	6,656.64	44.74	149.770		
10,000.00	7,290.24	4,120.00	3,900.20	118.87	23.82	59.68	-1,020.61	799.26	6,788.92	6,744.17	44.75	151.694		
10,100.00	7,311.53	4,120.00	3,900.20	120.23	23.82	55.49	-1,020.61	799.26	6,867.57	6,822.80	44.76	153.421		
10,200.00	7,320.66	4,101.77	3,884.47	121.43	23.64	53.12	-1,025.79	791.62	6,935.17	6,890.57	44.60	155.506		
10,300.00	7,321.00	4,080.00	3,865.61	122.51	23.43	52.64	-1,031.73	782.53	6,994.35	6,949.88	44.46	157.314		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	4,080.00	3,865.61	123.62	23.43	52.64	-1,031.73	782.53	7,053.92	7,009.30	44.62	158.074		
10,500.00	7,321.00	4,080.00	3,865.61	124.77	23.43	52.64	-1,031.73	782.53	7,114.41	7,069.58	44.83	158.703		
10,600.00	7,321.00	4,080.00	3,865.61	125.95	23.43	52.64	-1,031.73	782.53	7,175.78	7,130.70	45.07	159.212		
10,700.00	7,321.00	4,057.15	3,845.70	127.17	23.22	52.44	-1,037.67	773.03	7,237.82	7,192.72	45.11	160.453		
10,800.00	7,321.00	4,040.00	3,830.67	128.43	23.06	52.29	-1,041.93	765.94	7,300.77	7,255.52	45.24	161.363		
10,900.00	7,321.00	4,040.00	3,830.67	129.72	23.06	52.29	-1,041.93	765.94	7,364.43	7,318.84	45.59	161.538		
11,000.00	7,321.00	4,040.00	3,830.67	131.05	23.06	52.29	-1,041.93	765.94	7,428.90	7,382.94	45.96	161.636		
11,100.00	7,321.00	4,040.00	3,830.67	132.41	23.06	52.29	-1,041.93	765.94	7,494.14	7,447.79	46.36	161.668		
11,200.00	7,321.00	4,018.04	3,811.33	133.81	22.86	52.11	-1,047.15	756.95	7,559.97	7,513.41	46.56	162.375		
11,300.00	7,321.00	4,000.00	3,795.35	135.25	22.70	51.95	-1,051.26	749.66	7,626.62	7,579.79	46.82	162.878		
11,400.00	7,321.00	4,000.00	3,795.35	136.72	22.70	51.95	-1,051.26	749.66	7,693.87	7,646.59	47.28	162.729		
11,500.00	7,321.00	4,000.00	3,795.35	138.22	22.70	51.95	-1,051.26	749.66	7,761.83	7,714.08	47.75	162.550		
11,600.00	7,321.00	4,000.00	3,795.35	139.76	22.70	51.95	-1,051.26	749.66	7,830.48	7,782.25	48.23	162.349		
11,700.00	7,321.00	4,000.00	3,795.35	141.34	22.70	51.95	-1,051.26	749.66	7,899.80	7,851.08	48.72	162.131		
11,800.00	7,321.00	3,978.09	3,775.81	142.94	22.51	51.77	-1,056.03	740.97	7,969.57	7,920.54	49.03	162.530		
11,900.00	7,321.00	3,960.00	3,759.57	144.58	22.36	51.62	-1,059.83	733.95	8,040.12	7,990.73	49.39	162.789		
12,000.00	7,321.00	3,960.00	3,759.57	146.25	22.36	51.62	-1,059.83	733.95	8,111.15	8,061.24	49.91	162.521		
12,100.00	7,321.00	3,960.00	3,759.57	147.95	22.36	51.62	-1,059.83	733.95	8,182.78	8,132.35	50.43	162.256		
12,200.00	7,321.00	3,960.00	3,759.57	149.67	22.36	51.62	-1,059.83	733.95	8,255.01	8,204.05	50.96	161.998		
12,300.00	7,321.00	3,960.00	3,759.57	151.43	22.36	51.62	-1,059.83	733.95	8,327.81	8,276.33	51.49	161.750		
12,400.00	7,321.00	3,960.00	3,759.57	153.22	22.36	51.62	-1,059.83	733.95	8,401.17	8,349.16	52.02	161.514		
12,500.00	7,321.00	3,937.44	3,739.19	155.04	22.17	51.43	-1,064.37	725.41	8,474.88	8,422.51	52.37	161.832		
12,600.00	7,321.00	3,920.00	3,723.34	156.88	22.03	51.28	-1,067.74	718.98	8,549.26	8,496.49	52.77	162.023		
12,700.00	7,321.00	3,920.00	3,723.34	158.75	22.03	51.28	-1,067.74	718.98	8,624.04	8,570.74	53.30	161.808		
12,800.00	7,321.00	3,920.00	3,723.34	160.65	22.03	51.28	-1,067.74	718.98	8,699.33	8,645.50	53.83	161.611		
12,900.00	7,321.00	3,920.00	3,723.34	162.57	22.03	51.28	-1,067.74	718.98	8,775.11	8,720.75	54.36	161.434		
13,000.00	7,321.00	3,920.00	3,723.34	164.51	22.03	51.28	-1,067.74	718.98	8,851.37	8,796.49	54.88	161.277		
13,100.00	7,321.00	3,920.00	3,723.34	166.48	22.03	51.28	-1,067.74	718.98	8,928.10	8,872.70	55.41	161.141		
13,200.00	7,321.00	3,899.00	3,704.14	168.48	21.86	51.11	-1,071.73	711.46	9,005.13	8,949.36	55.78	161.454		
13,300.00	7,321.00	3,880.00	3,686.67	170.49	21.72	50.95	-1,075.32	704.90	9,082.74	9,026.58	56.16	161.732		
13,400.00	7,321.00	3,880.00	3,686.67	172.52	21.72	50.95	-1,075.32	704.90	9,160.66	9,103.98	56.67	161.640		
13,500.00	7,321.00	3,880.00	3,686.67	174.58	21.72	50.95	-1,075.32	704.90	9,239.00	9,181.81	57.18	161.570		
13,600.00	7,321.00	3,880.00	3,686.67	176.66	21.72	50.95	-1,075.32	704.90	9,317.75	9,260.06	57.69	161.520		
13,700.00	7,321.00	3,880.00	3,686.67	178.75	21.72	50.95	-1,075.32	704.90	9,396.91	9,338.72	58.19	161.492		
13,800.00	7,321.00	3,880.00	3,686.67	180.87	21.72	50.95	-1,075.32	704.90	9,476.46	9,417.78	58.68	161.484		
13,900.00	7,321.00	3,880.00	3,686.67	183.00	21.72	50.95	-1,075.32	704.90	9,556.40	9,497.23	59.17	161.497		
14,000.00	7,321.00	3,859.59	3,667.80	185.15	21.56	50.78	-1,079.16	698.12	9,636.56	9,577.03	59.53	161.889		
14,100.00	7,321.00	3,840.00	3,649.61	187.32	21.42	50.61	-1,082.83	691.88	9,717.24	9,657.36	59.88	162.277		
14,200.00	7,321.00	3,840.00	3,649.61	189.50	21.42	50.61	-1,082.83	691.88	9,798.14	9,737.79	60.36	162.336		
14,300.00	7,321.00	3,840.00	3,649.61	191.70	21.42	50.61	-1,082.83	691.88	9,879.40	9,818.57	60.83	162.415		
14,400.00	7,321.00	3,840.00	3,649.61	193.92	21.42	50.61	-1,082.83	691.88	9,960.99	9,899.69	61.29	162.512		
14,500.00	7,321.00	3,829.34	3,639.68	196.15	21.34	50.52	-1,084.84	688.55	10,042.90	9,981.22	61.69	162.804		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
100.00	100.00	96.83	96.83	0.27	0.15	-179.83	-2,109.48	-6.29	2,109.64	2,109.23	0.41	5,094.149		
200.00	200.00	180.00	179.99	0.63	0.45	-179.84	-2,108.65	-5.87	2,108.68	2,107.60	1.08	1,956.902		
281.32	281.32	252.33	252.32	0.92	0.70	-179.85	-2,108.35	-5.56	2,108.36	2,106.73	1.62	1,298.429		
300.00	300.00	270.00	269.99	0.99	0.77	-179.85	-2,108.37	-5.45	2,108.38	2,106.62	1.75	1,202.795		
400.00	400.00	362.00	361.99	1.34	1.09	-179.87	-2,108.62	-4.69	2,108.64	2,106.21	2.43	866.042		
500.00	499.98	453.00	452.98	1.69	1.41	-27.42	-2,109.24	-4.16	2,107.77	2,104.68	3.09	681.044		
600.00	599.84	551.21	551.19	2.03	1.75	-27.53	-2,110.20	-3.85	2,104.11	2,100.33	3.78	557.210		
700.00	699.45	651.36	651.33	2.38	2.11	-27.74	-2,111.15	-2.72	2,097.33	2,092.85	4.48	468.023		
800.00	798.70	768.11	768.04	2.75	2.53	-28.10	-2,111.63	0.24	2,086.95	2,081.69	5.26	396.862		
900.00	897.47	857.27	857.09	3.15	2.85	-28.53	-2,111.67	4.49	2,073.24	2,067.30	5.95	348.665		
1,000.00	995.62	923.00	922.75	3.57	3.09	-28.93	-2,112.45	7.49	2,057.72	2,051.16	6.56	313.702		
1,100.00	1,093.06	1,010.16	1,009.73	4.03	3.40	-29.52	-2,114.36	12.64	2,040.27	2,033.00	7.27	280.753		
1,200.00	1,189.64	1,089.45	1,088.67	4.53	3.70	-30.21	-2,116.59	19.70	2,020.69	2,012.73	7.97	253.654		
1,300.00	1,285.27	1,173.46	1,172.08	5.08	4.02	-31.07	-2,119.48	29.28	1,999.11	1,990.40	8.71	229.540		
1,400.00	1,379.82	1,257.11	1,254.81	5.66	4.35	-32.09	-2,122.58	41.24	1,975.40	1,965.91	9.48	208.310		
1,500.00	1,473.17	1,333.40	1,329.96	6.30	4.67	-33.19	-2,125.67	54.01	1,949.82	1,939.56	10.26	189.984		
1,600.00	1,565.21	1,405.96	1,401.19	6.98	4.98	-34.37	-2,129.18	67.38	1,922.89	1,911.82	11.07	173.748		
1,700.00	1,655.84	1,491.21	1,484.70	7.72	5.35	-35.84	-2,133.57	83.96	1,894.37	1,882.40	11.97	158.231		
1,800.00	1,744.94	1,603.25	1,594.32	8.51	5.86	-37.86	-2,138.51	106.56	1,863.54	1,850.49	13.05	142.772		
1,900.00	1,832.39	1,713.89	1,702.59	9.35	6.37	-40.09	-2,141.39	129.13	1,829.63	1,815.45	14.18	129.011		
2,000.00	1,918.11	1,800.08	1,787.06	10.25	6.77	-42.09	-2,143.04	146.21	1,793.84	1,778.59	15.26	117.584		
2,100.00	2,001.97	1,875.89	1,861.19	11.19	7.12	-44.08	-2,144.17	162.06	1,756.87	1,740.52	16.35	107.476		
2,200.00	2,083.88	1,938.43	1,922.39	12.20	7.42	-45.93	-2,145.53	174.81	1,719.54	1,702.10	17.44	98.595		
2,300.00	2,163.74	2,023.57	2,005.88	13.25	7.82	-48.38	-2,147.78	191.36	1,681.85	1,663.13	18.71	89.881		
2,400.00	2,241.45	2,109.09	2,089.82	14.35	8.22	-51.02	-2,149.34	207.64	1,643.24	1,623.18	20.06	81.908		
2,500.00	2,316.92	2,176.19	2,155.85	15.51	8.53	-53.36	-2,150.50	219.54	1,604.36	1,582.96	21.40	74.953		
2,600.00	2,390.05	2,235.00	2,213.68	16.71	8.80	-55.59	-2,152.00	230.08	1,566.47	1,543.68	22.79	68.721		
2,700.00	2,460.76	2,299.14	2,276.78	17.96	9.10	-58.07	-2,153.92	241.45	1,529.64	1,505.34	24.30	62.943		
2,800.00	2,528.98	2,362.02	2,338.71	19.26	9.39	-60.51	-2,155.81	252.17	1,493.87	1,467.97	25.90	57.686		
2,900.00	2,596.24	2,422.00	2,397.77	20.59	9.66	-62.36	-2,157.81	262.43	1,460.93	1,433.39	27.55	53.035		
3,000.00	2,663.50	2,479.13	2,454.00	21.92	9.93	-64.15	-2,159.81	272.34	1,431.67	1,402.43	29.23	48.974		
3,100.00	2,730.76	2,536.82	2,510.75	23.25	10.19	-65.99	-2,161.84	282.51	1,406.25	1,375.29	30.96	45.421		
3,200.00	2,798.02	2,591.57	2,564.61	24.60	10.45	-67.75	-2,164.23	292.03	1,385.09	1,352.40	32.69	42.371		
3,300.00	2,865.28	2,652.51	2,624.57	25.94	10.73	-69.71	-2,167.42	302.44	1,368.27	1,333.81	34.46	39.704		
3,400.00	2,932.54	2,713.80	2,684.88	27.30	11.02	-71.70	-2,170.78	312.80	1,355.66	1,319.43	36.23	37.418		
3,500.00	2,999.80	2,764.88	2,735.06	28.65	11.26	-73.37	-2,173.42	322.01	1,347.74	1,309.83	37.91	35.553		
3,600.00	3,067.06	2,832.53	2,801.35	30.01	11.59	-75.63	-2,176.46	335.16	1,344.72	1,305.05	39.67	33.896		
3,641.15	3,094.74	2,874.23	2,842.29	30.57	11.79	-77.02	-2,178.04	342.88	1,344.49	1,304.00	40.49	33.206 CC		
3,700.00	3,134.32	2,914.91	2,882.31	31.37	11.98	-78.38	-2,179.46	350.05	1,345.15	1,303.66	41.50	32.415 ES		
3,800.00	3,201.59	2,973.37	2,939.83	32.73	12.25	-80.31	-2,181.95	360.19	1,349.99	1,306.91	43.08	31.339		
3,900.00	3,268.85	3,036.42	3,001.87	34.09	12.55	-82.37	-2,185.17	370.96	1,359.34	1,314.73	44.62	30.467		
4,000.00	3,336.11	3,103.11	3,067.51	35.46	12.86	-84.52	-2,188.79	382.21	1,372.93	1,326.82	46.11	29.776		
4,100.00	3,403.37	3,171.77	3,135.10	36.83	13.18	-86.74	-2,191.53	393.94	1,390.43	1,342.90	47.53	29.251		
4,200.00	3,470.63	3,236.53	3,198.87	38.20	13.48	-88.83	-2,193.68	405.02	1,411.87	1,363.03	48.84	28.908		
4,300.00	3,537.89	3,322.05	3,283.18	39.57	13.87	-91.52	-2,196.76	418.98	1,436.85	1,386.61	50.24	28.601		
4,400.00	3,605.15	3,393.00	3,353.32	40.94	14.18	-93.71	-2,198.95	429.49	1,464.42	1,412.99	51.43	28.474 SF		
4,500.00	3,672.41	3,453.00	3,412.59	42.31	14.45	-95.54	-2,200.77	438.67	1,495.80	1,443.35	52.45	28.519		
4,600.00	3,739.67	3,505.99	3,464.88	43.68	14.69	-97.11	-2,202.74	446.98	1,530.73	1,477.40	53.33	28.702		
4,700.00	3,806.93	3,568.17	3,526.22	45.06	14.97	-98.90	-2,205.91	456.69	1,568.77	1,514.53	54.24	28.924		
4,800.00	3,874.19	3,629.76	3,586.95	46.43	15.26	-100.62	-2,209.33	466.39	1,609.64	1,554.56	55.08	29.223		
4,900.00	3,941.46	3,701.77	3,657.96	47.81	15.58	-102.58	-2,213.05	477.66	1,652.98	1,597.01	55.97	29.532		
5,000.00	4,008.72	3,766.87	3,722.25	49.18	15.88	-104.32	-2,215.66	487.59	1,698.41	1,641.67	56.74	29.933		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
5,100.00	4,075.98	3,827.00	3,781.62	50.56	16.15	-105.90	-2,217.84	496.89	1,746.21	1,688.79	57.42	30.413		
5,200.00	4,143.24	3,864.95	3,819.04	51.94	16.32	-106.87	-2,219.15	503.05	1,796.56	1,738.73	57.83	31.066		
5,300.00	4,210.50	3,921.00	3,874.16	53.31	16.58	-108.27	-2,221.03	513.06	1,849.78	1,791.38	58.39	31.678		
5,400.00	4,277.76	3,953.71	3,906.26	54.69	16.74	-109.07	-2,222.11	519.20	1,905.14	1,846.46	58.68	32.468		
5,500.00	4,345.02	4,015.18	3,966.61	56.07	17.04	-110.53	-2,224.12	530.76	1,962.31	1,903.06	59.26	33.116		
5,600.00	4,412.28	4,084.44	4,034.63	57.45	17.37	-112.12	-2,226.24	543.62	2,020.82	1,960.92	59.90	33.736		
5,700.00	4,479.54	4,154.21	4,103.21	58.83	17.70	-113.67	-2,228.32	556.30	2,080.43	2,019.89	60.54	34.364		
5,800.00	4,546.80	4,223.72	4,171.54	60.21	18.03	-115.14	-2,230.96	568.81	2,141.01	2,079.83	61.18	34.997		
5,900.00	4,614.07	4,290.22	4,236.91	61.59	18.35	-116.49	-2,233.69	580.66	2,202.55	2,140.77	61.78	35.654		
6,000.00	4,681.33	4,343.16	4,288.95	62.97	18.60	-117.52	-2,235.84	590.15	2,265.16	2,202.94	62.22	36.407		
6,100.00	4,748.59	4,395.07	4,339.93	64.35	18.85	-118.51	-2,237.83	599.68	2,328.99	2,266.35	62.64	37.181		
6,200.00	4,815.85	4,455.23	4,399.03	65.73	19.14	-119.62	-2,239.87	610.79	2,393.84	2,330.69	63.15	37.906		
6,300.00	4,883.11	4,512.32	4,455.12	67.11	19.41	-120.65	-2,241.52	621.29	2,459.56	2,395.94	63.62	38.659		
6,400.00	4,950.37	4,566.81	4,508.64	68.49	19.68	-121.60	-2,242.96	631.41	2,526.18	2,462.12	64.06	39.434		
6,500.00	5,017.63	4,634.74	4,575.36	69.87	20.00	-122.75	-2,244.69	644.05	2,593.53	2,528.88	64.65	40.114		
6,600.00	5,084.89	4,725.73	4,664.81	71.25	20.43	-124.21	-2,247.27	660.50	2,661.18	2,595.67	65.51	40.620		
6,700.00	5,152.15	4,793.41	4,731.40	72.63	20.76	-125.24	-2,249.92	672.29	2,728.71	2,662.60	66.12	41.269		
6,800.00	5,219.41	4,837.18	4,774.44	74.02	20.96	-125.88	-2,251.61	680.15	2,797.12	2,730.66	66.45	42.091		
6,900.00	5,286.67	4,898.86	4,835.01	75.40	21.26	-126.76	-2,253.85	691.51	2,866.33	2,799.33	67.00	42.782		
7,000.00	5,353.94	4,976.91	4,911.75	76.78	21.63	-127.83	-2,256.70	705.51	2,935.73	2,868.00	67.73	43.342		
7,100.00	5,421.20	5,054.26	4,987.90	78.16	21.99	-128.85	-2,259.23	718.82	3,005.26	2,936.81	68.45	43.903		
7,200.00	5,488.46	5,153.71	5,086.00	79.55	22.45	-130.12	-2,262.16	734.89	3,074.75	3,005.35	69.40	44.304		
7,300.00	5,555.72	5,325.43	5,256.18	80.93	23.18	-132.24	-2,266.45	757.32	3,142.88	3,071.85	71.03	44.247		
7,400.00	5,622.98	5,452.06	5,382.19	82.31	23.67	-133.74	-2,268.68	769.61	3,209.88	3,137.78	72.10	44.518		
7,500.00	5,690.24	5,579.42	5,509.22	83.69	24.13	-135.21	-2,269.98	778.61	3,276.03	3,202.92	73.11	44.810		
7,600.00	5,757.50	5,658.58	5,588.27	85.08	24.40	-136.11	-2,270.39	782.80	3,341.73	3,268.05	73.69	45.350		
7,700.00	5,824.76	5,738.06	5,667.65	86.46	24.66	-136.98	-2,270.49	786.66	3,407.77	3,333.51	74.26	45.891		
7,800.00	5,892.02	5,987.31	5,916.82	87.84	25.39	-139.68	-2,267.46	788.96	3,473.08	3,397.23	75.85	45.789		
7,900.00	5,959.28	6,050.41	5,979.92	89.23	25.55	-140.31	-2,267.83	788.09	3,536.23	3,459.98	76.25	46.379		
8,000.00	6,026.55	6,116.23	6,045.73	90.61	25.72	-140.96	-2,268.11	787.21	3,599.84	3,523.18	76.66	46.960		
8,100.00	6,093.81	6,185.18	6,114.67	91.99	25.90	-141.62	-2,268.39	786.29	3,663.82	3,586.74	77.09	47.528		
8,200.00	6,161.07	6,258.66	6,188.15	93.38	26.10	-142.30	-2,268.73	785.24	3,728.08	3,650.54	77.55	48.074		
8,300.00	6,228.33	6,320.34	6,249.82	94.76	26.26	-142.86	-2,269.06	784.40	3,792.67	3,714.73	77.94	48.661		
8,400.00	6,295.59	6,385.45	6,314.92	96.14	26.44	-143.43	-2,269.45	783.68	3,857.69	3,779.33	78.36	49.231		
8,500.00	6,362.85	6,456.25	6,385.72	97.53	26.63	-144.04	-2,269.81	782.80	3,922.96	3,844.15	78.81	49.775		
8,600.00	6,430.11	6,519.09	6,448.56	98.91	26.80	-144.56	-2,270.06	782.01	3,988.55	3,909.33	79.22	50.349		
8,700.00	6,497.37	6,581.80	6,511.26	100.29	26.97	-145.08	-2,270.25	781.27	4,054.48	3,974.86	79.62	50.920		
8,800.00	6,564.63	6,645.27	6,574.73	101.68	27.14	-145.58	-2,270.40	780.60	4,120.76	4,040.72	80.04	51.485		
8,900.00	6,631.89	6,716.72	6,646.17	103.06	27.34	-146.14	-2,270.53	779.80	4,187.28	4,106.77	80.51	52.012		
9,000.00	6,699.15	6,780.35	6,709.79	104.45	27.51	-146.62	-2,270.59	779.03	4,254.02	4,173.09	80.92	52.568		
9,100.00	6,766.42	6,844.50	6,773.94	105.83	27.69	-147.09	-2,270.51	778.26	4,321.07	4,239.72	81.35	53.120		
9,200.00	6,833.68	6,916.48	6,845.92	107.22	27.89	-147.62	-2,270.45	777.38	4,388.31	4,306.49	81.82	53.631		
9,300.00	6,900.94	6,998.17	6,927.60	108.60	28.12	-148.19	-2,270.60	776.35	4,455.62	4,373.24	82.38	54.089		
9,400.00	6,968.20	7,068.65	6,998.07	109.98	28.31	-148.66	-2,270.91	775.42	4,522.97	4,440.12	82.86	54.587		
9,500.00	7,035.46	7,147.63	7,077.04	111.37	28.54	-149.18	-2,271.26	774.31	4,590.47	4,507.07	83.40	55.041		
9,600.00	7,101.31	7,231.83	7,161.22	112.79	28.77	-161.07	-2,271.64	772.69	4,660.59	4,576.60	83.99	55.487		
9,700.00	7,161.49	7,300.04	7,229.42	114.30	28.96	-177.51	-2,272.00	771.22	4,738.53	4,654.02	84.51	56.071		
9,800.00	7,214.06	7,360.83	7,290.19	115.85	29.13	164.04	-2,272.37	769.85	4,822.16	4,737.18	84.98	56.747		
9,900.00	7,257.41	7,406.57	7,335.91	117.39	29.26	143.66	-2,272.70	768.80	4,909.03	4,823.70	85.33	57.533		
10,000.00	7,290.24	7,437.15	7,366.49	118.87	29.35	123.44	-2,272.92	768.12	4,996.73	4,911.19	85.55	58.410		
10,100.00	7,311.53	7,457.58	7,386.91	120.23	29.41	106.48	-2,273.07	767.70	5,082.85	4,997.17	85.68	59.325		
10,200.00	7,320.66	7,467.30	7,396.64	121.43	29.43	94.11	-2,273.14	767.50	5,165.03	5,079.29	85.74	60.241		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-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	7,321.00	7,469.34	7,398.67	122.51	29.44	91.88	-2,273.16	767.46	5,243.42	5,157.65	85.77	61.135	
10,400.00	7,321.00	7,471.06	7,400.39	123.62	29.45	91.91	-2,273.17	767.42	5,322.34	5,236.53	85.81	62.025	
10,500.00	7,321.00	7,472.77	7,402.11	124.77	29.45	91.94	-2,273.18	767.39	5,401.96	5,316.09	85.86	62.912	
10,600.00	7,321.00	7,481.00	7,410.33	125.95	29.47	92.09	-2,273.24	767.23	5,482.25	5,396.27	85.98	63.765	
10,700.00	7,321.00	7,481.00	7,410.33	127.17	29.47	92.09	-2,273.24	767.23	5,563.17	5,477.13	86.04	64.659	
10,800.00	7,321.00	7,481.00	7,410.33	128.43	29.47	92.09	-2,273.24	767.23	5,644.71	5,558.60	86.11	65.552	
10,900.00	7,321.00	7,481.00	7,410.33	129.72	29.47	92.09	-2,273.24	767.23	5,726.83	5,640.63	86.19	66.444	
11,000.00	7,321.00	7,481.00	7,410.33	131.05	29.47	92.09	-2,273.24	767.23	5,809.50	5,723.23	86.28	67.335	
11,100.00	7,321.00	7,481.00	7,410.33	132.41	29.47	92.09	-2,273.24	767.23	5,892.72	5,806.35	86.37	68.226	
11,200.00	7,321.00	7,481.00	7,410.33	133.81	29.47	92.09	-2,273.24	767.23	5,976.45	5,889.98	86.47	69.115	
11,300.00	7,321.00	7,486.39	7,415.72	135.25	29.49	92.19	-2,273.29	767.12	6,060.67	5,974.06	86.61	69.975	
11,400.00	7,321.00	7,488.11	7,417.44	136.72	29.49	92.22	-2,273.30	767.09	6,145.37	6,058.64	86.73	70.853	
11,500.00	7,321.00	7,489.83	7,419.16	138.22	29.50	92.25	-2,273.31	767.06	6,230.52	6,143.66	86.86	71.732	
11,600.00	7,321.00	7,491.54	7,420.87	139.76	29.50	92.28	-2,273.32	767.02	6,316.10	6,229.11	86.99	72.610	
11,700.00	7,321.00	7,493.25	7,422.58	141.34	29.51	92.31	-2,273.34	766.99	6,402.10	6,314.98	87.12	73.487	
11,800.00	7,321.00	7,494.95	7,424.27	142.94	29.51	92.34	-2,273.35	766.96	6,488.50	6,401.25	87.25	74.364	
11,900.00	7,321.00	7,496.64	7,425.96	144.58	29.52	92.37	-2,273.36	766.92	6,575.29	6,487.90	87.39	75.241	
12,000.00	7,321.00	7,498.32	7,427.65	146.25	29.52	92.40	-2,273.37	766.89	6,662.45	6,574.92	87.53	76.118	
12,100.00	7,321.00	7,500.00	7,429.33	147.95	29.53	92.43	-2,273.39	766.86	6,749.96	6,662.29	87.67	76.994	
12,200.00	7,321.00	7,501.67	7,431.00	149.67	29.53	92.45	-2,273.40	766.83	6,837.81	6,750.00	87.81	77.871	
12,300.00	7,321.00	7,503.33	7,432.66	151.43	29.54	92.48	-2,273.41	766.80	6,926.00	6,838.04	87.95	78.747	
12,400.00	7,321.00	7,504.99	7,434.32	153.22	29.54	92.51	-2,273.42	766.76	7,014.50	6,926.40	88.10	79.623	
12,500.00	7,321.00	7,506.64	7,435.97	155.04	29.55	92.54	-2,273.44	766.73	7,103.30	7,015.06	88.24	80.499	
12,600.00	7,321.00	7,508.29	7,437.61	156.88	29.55	92.57	-2,273.45	766.70	7,192.40	7,104.01	88.39	81.375	
12,700.00	7,321.00	7,509.93	7,439.25	158.75	29.56	92.60	-2,273.46	766.67	7,281.78	7,193.25	88.53	82.251	
12,800.00	7,321.00	7,511.56	7,440.88	160.65	29.56	92.63	-2,273.47	766.64	7,371.43	7,282.76	88.68	83.127	
12,900.00	7,321.00	7,513.18	7,442.51	162.57	29.57	92.66	-2,273.48	766.61	7,461.35	7,372.53	88.82	84.003	
13,000.00	7,321.00	7,514.80	7,444.12	164.51	29.57	92.69	-2,273.50	766.58	7,551.52	7,462.55	88.97	84.879	
13,100.00	7,321.00	7,516.41	7,445.74	166.48	29.57	92.71	-2,273.51	766.55	7,641.93	7,552.82	89.11	85.756	
13,200.00	7,321.00	7,518.02	7,447.34	168.48	29.58	92.74	-2,273.52	766.52	7,732.58	7,643.32	89.26	86.632	
13,300.00	7,321.00	7,519.62	7,448.94	170.49	29.58	92.77	-2,273.53	766.49	7,823.46	7,734.05	89.40	87.508	
13,400.00	7,321.00	7,521.22	7,450.54	172.52	29.59	92.80	-2,273.54	766.46	7,914.55	7,825.01	89.55	88.384	
13,500.00	7,321.00	7,522.80	7,452.12	174.58	29.59	92.83	-2,273.55	766.43	8,005.86	7,916.17	89.69	89.261	
13,600.00	7,321.00	7,524.38	7,453.71	176.66	29.60	92.86	-2,273.57	766.40	8,097.37	8,007.54	89.83	90.137	
13,700.00	7,321.00	7,525.96	7,455.28	178.75	29.60	92.88	-2,273.58	766.37	8,189.09	8,099.11	89.98	91.013	
13,800.00	7,321.00	7,527.53	7,456.85	180.87	29.61	92.91	-2,273.59	766.34	8,280.99	8,190.87	90.12	91.890	
13,900.00	7,321.00	7,529.09	7,458.41	183.00	29.61	92.94	-2,273.60	766.31	8,373.08	8,282.82	90.26	92.766	
14,000.00	7,321.00	7,530.65	7,459.97	185.15	29.62	92.97	-2,273.61	766.28	8,465.34	8,374.94	90.40	93.642	
14,100.00	7,321.00	7,532.20	7,461.52	187.32	29.62	92.99	-2,273.62	766.25	8,557.78	8,467.24	90.54	94.519	
14,200.00	7,321.00	7,533.75	7,463.07	189.50	29.62	93.02	-2,273.64	766.23	8,650.39	8,559.71	90.68	95.395	
14,300.00	7,321.00	7,535.29	7,464.61	191.70	29.63	93.05	-2,273.65	766.20	8,743.16	8,652.35	90.82	96.271	
14,400.00	7,321.00	7,536.82	7,466.14	193.92	29.63	93.07	-2,273.66	766.17	8,836.09	8,745.14	90.96	97.148	
14,500.00	7,321.00	7,538.35	7,467.67	196.15	29.64	93.10	-2,273.67	766.14	8,929.17	8,838.08	91.09	98.024	
14,600.00	7,321.00	7,539.87	7,469.19	198.39	29.64	93.13	-2,273.68	766.11	9,022.40	8,931.17	91.23	98.900	
14,700.00	7,321.00	7,541.39	7,470.71	200.65	29.65	93.16	-2,273.69	766.09	9,115.77	9,024.41	91.36	99.776	
14,800.00	7,321.00	7,542.90	7,472.22	202.92	29.65	93.18	-2,273.70	766.06	9,209.28	9,117.79	91.50	100.652	
14,900.00	7,321.00	7,544.41	7,473.73	205.20	29.65	93.21	-2,273.71	766.03	9,302.93	9,211.30	91.63	101.528	
15,000.00	7,321.00	7,545.91	7,475.23	207.50	29.66	93.23	-2,273.72	766.00	9,396.71	9,304.94	91.76	102.403	
15,100.00	7,321.00	7,547.40	7,476.72	209.80	29.66	93.26	-2,273.73	765.98	9,490.61	9,398.72	91.89	103.279	
15,200.00	7,321.00	7,548.89	7,478.21	212.12	29.67	93.29	-2,273.75	765.95	9,584.63	9,492.61	92.02	104.154	
15,300.00	7,321.00	7,550.37	7,479.69	214.45	29.67	93.31	-2,273.76	765.92	9,678.78	9,586.63	92.15	105.029	
15,400.00	7,321.00	7,551.85	7,481.17	216.79	29.68	93.34	-2,273.77	765.90	9,773.04	9,680.76	92.28	105.904	

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
15,500.00	7,321.00	7,560.00	7,489.31	219.15	29.70	93.48	-2,273.83	765.75	9,867.42	9,774.97	92.45	106.731	
15,600.00	7,321.00	7,560.00	7,489.31	221.51	29.70	93.48	-2,273.83	765.75	9,961.90	9,869.33	92.57	107.616	
15,700.00	7,321.00	7,560.00	7,489.31	223.88	29.70	93.48	-2,273.83	765.75	10,056.49	9,963.80	92.69	108.500	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	107.25	107.25	0.27	0.15	-167.05	-1,293.44	-297.54	1,327.34	1,326.92	0.42	3,155.998		
200.00	200.00	200.88	200.86	0.63	0.43	-167.08	-1,292.37	-296.57	1,326.02	1,324.96	1.06	1,251.160		
300.00	300.00	292.83	292.81	0.99	0.76	-167.04	-1,291.71	-297.22	1,325.47	1,323.73	1.74	761.436		
400.00	400.00	396.53	396.49	1.34	1.12	-166.97	-1,290.99	-298.86	1,325.16	1,322.69	2.47	537.480		
500.00	499.98	493.60	493.54	1.69	1.47	-14.42	-1,290.03	-300.74	1,322.94	1,319.79	3.16	419.286		
600.00	599.84	577.71	577.64	2.03	1.76	-14.44	-1,289.94	-301.76	1,318.06	1,314.27	3.79	348.199		
700.00	699.45	675.58	675.49	2.38	2.09	-14.64	-1,291.33	-300.64	1,310.74	1,306.27	4.47	293.530		
800.00	798.70	788.06	787.96	2.75	2.48	-14.94	-1,292.37	-298.84	1,299.49	1,294.28	5.21	249.540		
900.00	897.47	890.44	890.31	3.15	2.83	-15.29	-1,292.59	-296.98	1,284.19	1,278.27	5.93	216.730		
1,000.00	995.62	967.33	967.20	3.57	3.10	-15.57	-1,293.03	-296.87	1,266.30	1,259.75	6.56	193.087		
1,100.00	1,093.06	1,057.73	1,057.56	4.03	3.42	-15.83	-1,294.16	-299.42	1,246.38	1,239.13	7.25	171.996		
1,200.00	1,189.64	1,146.56	1,146.28	4.53	3.73	-16.08	-1,295.31	-303.60	1,223.62	1,215.68	7.94	154.119		
1,300.00	1,285.27	1,231.41	1,230.86	5.08	4.03	-16.26	-1,296.61	-310.17	1,198.45	1,189.82	8.63	138.865		
1,400.00	1,379.82	1,312.94	1,312.00	5.66	4.33	-16.44	-1,298.49	-317.80	1,171.11	1,161.78	9.32	125.621		
1,500.00	1,473.17	1,388.68	1,387.27	6.30	4.61	-16.63	-1,301.11	-325.88	1,141.91	1,131.90	10.01	114.098		
1,600.00	1,565.21	1,462.00	1,459.85	6.98	4.89	-16.80	-1,304.98	-335.48	1,111.61	1,100.91	10.70	103.893		
1,700.00	1,655.84	1,544.06	1,540.70	7.72	5.21	-16.90	-1,310.17	-348.52	1,079.69	1,068.25	11.45	94.327		
1,800.00	1,744.94	1,638.35	1,633.49	8.51	5.60	-17.03	-1,316.13	-364.15	1,044.83	1,032.57	12.26	85.241		
1,900.00	1,832.39	1,709.21	1,703.12	9.35	5.90	-17.21	-1,320.94	-376.40	1,007.50	994.50	13.00	77.500		
2,000.00	1,918.11	1,773.38	1,765.56	10.25	6.18	-17.31	-1,326.77	-389.99	969.85	956.11	13.73	70.618		
2,100.00	2,001.97	1,858.00	1,846.95	11.19	6.59	-17.19	-1,335.21	-411.51	930.88	916.30	14.58	63.857		
2,200.00	2,083.88	1,936.16	1,921.20	12.20	7.00	-16.91	-1,343.06	-434.58	889.89	874.46	15.43	57.687		
2,300.00	2,163.74	2,006.23	1,986.99	13.25	7.40	-16.54	-1,350.52	-457.52	847.32	831.06	16.26	52.110		
2,400.00	2,241.45	2,074.60	2,050.38	14.35	7.81	-16.07	-1,359.14	-481.64	804.23	787.13	17.10	47.031		
2,500.00	2,316.92	2,143.00	2,113.03	15.51	8.25	-15.48	-1,368.94	-507.27	760.47	742.52	17.95	42.370		
2,600.00	2,390.05	2,215.09	2,178.04	16.71	8.77	-14.64	-1,380.37	-536.25	716.10	697.27	18.83	38.028		
2,700.00	2,460.76	2,284.32	2,239.33	17.96	9.29	-13.60	-1,392.42	-566.08	671.35	651.66	19.69	34.099		
2,800.00	2,528.98	2,359.20	2,304.78	19.26	9.90	-12.23	-1,407.08	-599.38	626.38	605.82	20.56	30.462		
2,900.00	2,596.24	2,446.56	2,381.44	20.59	10.63	-10.30	-1,424.96	-637.24	581.23	559.74	21.49	27.048		
3,000.00	2,663.50	2,524.00	2,448.85	21.92	11.29	-8.26	-1,441.25	-671.70	537.69	515.38	22.31	24.099		
3,100.00	2,730.76	2,615.32	2,528.06	23.25	12.11	-5.43	-1,460.82	-712.73	495.58	472.38	23.20	21.366		
3,200.00	2,798.02	2,712.28	2,612.15	24.60	13.01	-1.65	-1,479.52	-757.20	453.38	429.28	24.10	18.811		
3,300.00	2,865.28	2,798.90	2,686.75	25.94	13.83	2.82	-1,493.76	-798.85	412.05	387.07	24.98	16.494		
3,400.00	2,932.54	2,883.68	2,759.85	27.30	14.65	7.96	-1,507.75	-839.42	373.42	347.43	25.99	14.367		
3,500.00	2,999.80	2,974.92	2,839.03	28.65	15.53	14.35	-1,523.29	-882.01	337.99	310.58	27.42	12.327		
3,600.00	3,067.06	3,057.75	2,911.53	30.01	16.32	21.04	-1,537.38	-919.52	306.15	276.89	29.26	10.464		
3,700.00	3,134.32	3,142.66	2,985.02	31.37	17.15	29.19	-1,551.61	-959.60	281.87	249.88	31.99	8.812		
3,800.00	3,201.59	3,226.00	3,057.62	32.73	17.97	37.94	-1,566.05	-997.89	264.74	229.12	35.63	7.431		
3,890.15	3,262.22	3,294.55	3,116.02	33.96	18.66	45.31	-1,579.86	-1,031.01	259.80	220.57	39.23	6.622 CC		
3,900.00	3,268.85	3,304.78	3,124.65	34.09	18.77	46.40	-1,582.06	-1,036.03	259.82	220.04	39.78	6.531		
4,000.00	3,336.11	3,403.90	3,209.85	35.46	19.78	56.82	-1,603.44	-1,081.94	261.99	216.77	45.22	5.793 ES		
4,100.00	3,403.37	3,485.59	3,280.61	36.83	20.59	65.42	-1,619.43	-1,119.48	272.70	222.96	49.74	5.483		
4,200.00	3,470.63	3,584.51	3,367.50	38.20	21.54	75.28	-1,637.90	-1,162.97	290.02	235.55	54.48	5.324 SF		
4,300.00	3,537.89	3,655.01	3,426.63	39.57	22.22	81.76	-1,649.81	-1,194.07	315.48	258.48	57.01	5.534		
4,400.00	3,605.15	3,741.69	3,505.75	40.94	23.05	88.88	-1,662.22	-1,233.63	349.33	289.72	59.62	5.860		
4,500.00	3,672.41	3,824.90	3,579.53	42.31	23.85	94.83	-1,673.87	-1,270.28	386.98	325.47	61.51	6.291		
4,600.00	3,739.67	3,900.08	3,645.20	43.68	24.60	99.14	-1,685.02	-1,305.13	429.08	366.33	62.75	6.838		
4,700.00	3,806.93	3,971.92	3,706.78	45.06	25.35	102.43	-1,694.94	-1,340.76	475.91	412.16	63.75	7.466		
4,800.00	3,874.19	4,056.11	3,778.33	46.43	26.25	105.57	-1,706.41	-1,383.62	525.07	459.71	65.36	8.033		
4,900.00	3,941.46	4,148.21	3,856.52	47.81	27.25	108.39	-1,719.81	-1,430.42	574.59	507.26	67.33	8.534		
5,000.00	4,008.72	4,235.54	3,930.60	49.18	28.20	110.60	-1,733.40	-1,474.62	624.07	555.01	69.06	9.036		
5,100.00	4,075.98	4,327.92	4,009.21	50.56	29.20	112.63	-1,748.28	-1,520.81	673.48	602.51	70.98	9.489		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,143.24	4,426.46	4,094.82	51.94	30.20	114.76	-1,764.15	-1,566.92	722.13	649.18	72.96	9.898		
5,300.00	4,210.50	4,513.50	4,171.86	53.31	31.04	116.64	-1,777.98	-1,605.00	770.37	695.98	74.39	10.356		
5,400.00	4,277.76	4,589.77	4,238.81	54.69	31.81	118.01	-1,790.28	-1,639.39	819.46	743.92	75.54	10.848		
5,500.00	4,345.02	4,672.90	4,310.38	56.07	32.66	119.15	-1,803.83	-1,679.44	869.80	792.77	77.03	11.291		
5,600.00	4,412.28	4,759.90	4,386.00	57.45	33.57	120.31	-1,817.88	-1,720.10	920.06	841.42	78.64	11.699		
5,700.00	4,479.54	4,849.76	4,463.16	58.83	34.51	121.26	-1,832.91	-1,763.62	970.63	890.23	80.40	12.072		
5,800.00	4,546.80	4,964.37	4,562.27	60.21	35.70	122.42	-1,853.69	-1,817.29	1,019.79	936.90	82.88	12.304		
5,900.00	4,614.07	5,081.46	4,663.57	61.59	36.91	123.48	-1,878.19	-1,870.65	1,066.40	981.07	85.33	12.497		
6,000.00	4,681.33	5,166.77	4,736.80	62.97	37.80	124.13	-1,897.65	-1,909.84	1,111.73	1,024.78	86.94	12.787		
6,100.00	4,748.59	5,236.38	4,795.93	64.35	38.55	124.55	-1,912.82	-1,943.30	1,158.54	1,070.36	88.18	13.139		
6,200.00	4,815.85	5,328.67	4,874.68	65.73	39.54	125.09	-1,932.34	-1,987.27	1,205.89	1,115.84	90.05	13.392		
6,300.00	4,883.11	5,414.00	4,948.25	67.11	40.43	125.64	-1,950.73	-2,026.40	1,252.55	1,160.90	91.65	13.666		
6,400.00	4,950.37	5,469.74	4,996.49	68.49	41.01	125.99	-1,961.98	-2,051.95	1,300.67	1,208.22	92.45	14.070		
6,500.00	5,017.63	5,520.42	5,040.32	69.87	41.53	126.29	-1,970.51	-2,075.91	1,351.63	1,258.57	93.06	14.524		
6,600.00	5,084.89	5,625.35	5,133.01	71.25	42.55	127.05	-1,987.13	-2,122.15	1,402.90	1,307.79	95.11	14.751		
6,700.00	5,152.15	5,718.25	5,215.97	72.63	43.43	127.75	-2,002.13	-2,161.17	1,453.62	1,356.89	96.72	15.028		
6,800.00	5,219.41	5,819.53	5,305.13	74.02	44.42	128.35	-2,020.05	-2,205.73	1,503.56	1,404.90	98.66	15.240		
6,900.00	5,286.67	5,906.68	5,380.51	75.40	45.33	128.72	-2,036.25	-2,246.38	1,553.37	1,453.01	100.35	15.479		
7,000.00	5,353.94	6,040.15	5,493.61	76.78	46.78	129.06	-2,063.84	-2,311.63	1,601.92	1,498.52	103.40	15.492		
7,100.00	5,421.20	6,117.29	5,560.28	78.16	47.59	129.35	-2,080.70	-2,346.56	1,648.82	1,543.97	104.84	15.726		
7,200.00	5,488.46	6,179.00	5,613.65	79.55	48.23	129.57	-2,092.68	-2,375.12	1,697.75	1,591.86	105.89	16.033		
7,300.00	5,555.72	6,216.50	5,645.84	80.93	48.64	129.67	-2,099.28	-2,393.19	1,748.41	1,642.09	106.32	16.444		
7,400.00	5,622.98	6,274.00	5,694.51	82.31	49.27	129.78	-2,108.80	-2,422.29	1,800.75	1,693.43	107.32	16.779		
7,500.00	5,690.24	6,370.00	5,776.43	83.69	50.32	129.99	-2,124.77	-2,469.69	1,852.78	1,743.38	109.40	16.935		
7,600.00	5,757.50	6,437.87	5,835.59	85.08	51.01	130.21	-2,135.64	-2,501.13	1,905.03	1,794.46	110.57	17.228		
7,700.00	5,824.76	6,494.74	5,885.54	86.46	51.58	130.42	-2,143.47	-2,527.17	1,958.93	1,847.51	111.42	17.581		
7,800.00	5,892.02	6,561.00	5,943.77	87.84	52.24	130.65	-2,151.95	-2,557.61	2,013.72	1,901.19	112.52	17.896		
7,900.00	5,959.28	6,708.60	6,072.16	89.23	53.77	131.05	-2,172.40	-2,627.46	2,068.12	1,952.20	115.92	17.841		
8,000.00	6,026.55	6,844.74	6,188.40	90.61	55.24	131.26	-2,196.50	-2,694.06	2,119.15	2,000.10	119.05	17.801		
8,100.00	6,093.81	6,929.75	6,262.86	91.99	56.09	131.51	-2,211.64	-2,732.19	2,169.67	2,049.02	120.65	17.984		
8,200.00	6,161.07	7,020.90	6,343.32	93.38	56.98	131.80	-2,227.69	-2,771.88	2,220.17	2,097.84	122.34	18.148		
8,300.00	6,228.33	7,105.41	6,418.10	94.76	57.80	132.07	-2,242.64	-2,808.31	2,270.59	2,146.73	123.85	18.333		
8,400.00	6,295.59	7,177.64	6,482.22	96.14	58.50	132.30	-2,255.17	-2,839.11	2,321.28	2,196.19	125.09	18.557		
8,500.00	6,362.85	7,249.47	6,545.13	97.53	59.21	132.47	-2,267.37	-2,871.56	2,372.64	2,246.27	126.38	18.774		
8,600.00	6,430.11	7,343.02	6,627.10	98.91	60.15	132.69	-2,283.19	-2,913.78	2,424.10	2,295.89	128.20	18.908		
8,700.00	6,497.37	7,460.46	6,729.61	100.29	61.36	132.93	-2,303.99	-2,967.15	2,474.96	2,344.34	130.62	18.947		
8,800.00	6,564.63	7,572.48	6,824.13	101.68	62.60	132.98	-2,326.24	-3,023.00	2,524.49	2,391.37	133.13	18.963		
8,900.00	6,631.89	7,662.93	6,900.46	103.06	63.60	133.02	-2,344.51	-3,067.93	2,573.75	2,438.67	135.07	19.054		
9,000.00	6,699.15	7,771.98	6,995.41	104.45	64.73	133.22	-2,366.15	-3,116.99	2,622.74	2,485.47	137.27	19.106		
9,100.00	6,766.42	7,842.00	7,055.24	105.83	65.48	133.29	-2,380.75	-3,150.27	2,671.24	2,532.58	138.66	19.265		
9,200.00	6,833.68	7,875.59	7,082.66	107.22	65.92	133.26	-2,387.53	-3,168.44	2,721.10	2,581.80	139.30	19.534		
9,300.00	6,900.94	7,905.89	7,106.51	108.60	66.31	133.20	-2,393.20	-3,186.24	2,772.73	2,632.89	139.84	19.828		
9,400.00	6,968.20	7,937.00	7,130.03	109.98	66.72	133.09	-2,398.56	-3,205.88	2,826.06	2,685.67	140.39	20.130		
9,500.00	7,035.46	7,980.99	7,161.38	111.37	67.42	132.88	-2,405.72	-3,235.88	2,880.81	2,739.29	141.52	20.356		
9,600.00	7,101.31	8,033.00	7,195.16	112.79	68.25	122.30	-2,413.92	-3,274.53	2,934.58	2,791.62	142.96	20.527		
9,700.00	7,161.49	8,033.00	7,195.16	114.30	68.25	111.22	-2,413.92	-3,274.53	2,982.23	2,840.02	142.21	20.971		
9,800.00	7,214.06	8,072.64	7,218.42	115.85	68.97	102.68	-2,419.32	-3,306.16	3,022.12	2,879.08	143.04	21.127		
9,900.00	7,257.41	8,128.00	7,247.14	117.39	69.98	96.53	-2,424.35	-3,353.19	3,054.76	2,910.21	144.56	21.132		
10,000.00	7,290.24	8,128.00	7,247.14	118.87	69.98	92.30	-2,424.35	-3,353.19	3,076.91	2,933.47	143.44	21.451		
10,100.00	7,311.53	8,152.31	7,258.22	120.23	70.47	89.92	-2,425.85	-3,374.78	3,090.06	2,946.59	143.47	21.538		
10,200.00	7,320.66	8,224.00	7,284.68	121.43	71.90	89.48	-2,429.51	-3,441.24	3,092.96	2,947.00	145.95	21.191		
10,300.00	7,321.00	8,287.17	7,301.20	122.51	73.24	89.84	-2,432.35	-3,502.12	3,088.23	2,940.08	148.15	20.845		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-15-1C - 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				
10,400.00	7,321.00	8,393.36	7,315.73	123.62	75.51	90.11	-2,437.61	-3,607.03	3,083.25	2,930.52	152.74	20.187				
10,500.00	7,321.00	8,448.70	7,316.31	124.77	76.70	90.12	-2,440.17	-3,662.31	3,078.78	2,924.20	154.57	19.918				
10,600.00	7,321.00	8,510.00	7,316.45	125.95	78.03	90.12	-2,441.57	-3,723.59	3,076.25	2,919.50	156.75	19.625				
10,697.46	7,321.00	8,535.45	7,316.59	127.14	78.58	90.12	-2,441.70	-3,749.03	3,075.30	2,918.33	156.97	19.591				
10,700.00	7,321.00	8,536.65	7,316.60	127.17	78.61	90.12	-2,441.70	-3,750.24	3,075.30	2,918.29	157.01	19.587				
10,800.00	7,321.00	8,606.00	7,317.83	128.43	80.12	90.15	-2,440.82	-3,819.56	3,076.37	2,916.70	159.67	19.266				
10,900.00	7,321.00	8,685.16	7,320.03	129.72	81.86	90.19	-2,439.16	-3,898.68	3,078.36	2,915.40	162.95	18.891				
11,000.00	7,321.00	8,794.57	7,324.52	131.05	84.31	90.27	-2,437.55	-4,007.98	3,079.86	2,911.83	168.04	18.329				
11,100.00	7,321.00	8,892.00	7,329.95	132.41	86.52	90.37	-2,436.26	-4,105.25	3,081.26	2,908.77	172.49	17.864				
11,200.00	7,321.00	8,970.15	7,332.42	133.81	88.30	90.42	-2,434.90	-4,183.34	3,083.06	2,907.23	175.84	17.533				
11,300.00	7,321.00	9,068.74	7,332.13	135.25	90.56	90.41	-2,432.63	-4,281.90	3,085.40	2,904.99	180.40	17.103				
11,400.00	7,321.00	9,367.28	7,329.74	136.72	97.58	90.37	-2,436.62	-4,580.34	3,083.38	2,886.79	196.58	15.685				
11,500.00	7,321.00	9,457.27	7,331.13	138.22	99.74	90.39	-2,440.28	-4,670.24	3,079.36	2,878.56	200.79	15.336				
11,600.00	7,321.00	9,542.89	7,331.90	139.76	101.81	90.41	-2,443.41	-4,755.81	3,075.74	2,870.96	204.77	15.020				
11,700.00	7,321.00	9,695.79	7,333.81	141.34	105.54	90.44	-2,451.03	-4,908.49	3,070.42	2,857.78	212.63	14.440				
11,800.00	7,321.00	9,751.00	7,333.74	142.94	106.89	90.44	-2,453.33	-4,963.65	3,066.18	2,851.25	214.93	14.266				
11,900.00	7,321.00	9,824.10	7,333.94	144.58	108.68	90.45	-2,455.52	-5,036.71	3,063.15	2,844.89	218.26	14.034				
12,000.00	7,321.00	9,878.68	7,335.05	146.25	110.02	90.47	-2,456.79	-5,091.27	3,060.98	2,840.47	220.52	13.881				
12,069.42	7,321.00	9,908.65	7,335.36	147.42	110.76	90.47	-2,456.99	-5,121.24	3,060.54	2,838.94	221.59	13.812				
12,100.00	7,321.00	9,943.00	7,335.36	147.95	111.61	90.47	-2,456.75	-5,155.59	3,060.79	2,837.47	223.33	13.706				
12,200.00	7,321.00	10,083.00	7,335.13	149.67	115.07	90.47	-2,458.50	-5,295.57	3,059.39	2,828.73	230.66	13.264				
12,297.04	7,321.00	10,134.00	7,335.32	151.38	116.33	90.47	-2,458.80	-5,346.56	3,058.80	2,826.06	232.74	13.143				
12,300.00	7,321.00	10,134.00	7,335.32	151.43	116.33	90.47	-2,458.80	-5,346.56	3,058.80	2,826.10	232.71	13.144				
12,389.91	7,321.00	10,229.00	7,336.55	153.04	118.70	90.50	-2,460.02	-5,441.54	3,057.62	2,820.11	237.51	12.874				
12,400.00	7,321.00	10,229.00	7,336.55	153.22	118.70	90.50	-2,460.02	-5,441.54	3,057.64	2,820.23	237.41	12.879				
12,427.11	7,321.00	10,266.40	7,337.20	153.71	119.63	90.51	-2,460.56	-5,478.92	3,057.10	2,817.71	239.39	12.770				
12,500.00	7,321.00	10,288.50	7,337.46	155.04	120.19	90.51	-2,460.39	-5,501.02	3,057.70	2,817.75	239.96	12.743				
12,600.00	7,321.00	10,324.00	7,337.70	156.88	121.07	90.52	-2,459.34	-5,536.51	3,060.52	2,819.53	240.98	12.700				
12,700.00	7,321.00	10,525.97	7,339.79	158.75	126.13	90.56	-2,454.66	-5,738.39	3,063.13	2,810.79	252.34	12.139				
12,800.00	7,321.00	10,629.10	7,340.45	160.65	128.74	90.57	-2,454.19	-5,841.53	3,063.63	2,806.03	257.60	11.893				
12,900.00	7,321.00	10,739.43	7,339.28	162.57	131.53	90.55	-2,454.09	-5,951.84	3,063.74	2,800.44	263.30	11.636				
13,000.00	7,321.00	10,845.13	7,338.13	164.51	134.22	90.53	-2,454.15	-6,057.54	3,063.71	2,794.97	268.74	11.400				
13,100.00	7,321.00	10,981.16	7,338.94	166.48	137.69	90.54	-2,455.10	-6,193.56	3,063.08	2,787.07	276.01	11.098				
13,200.00	7,321.00	11,124.34	7,342.17	168.48	141.37	90.60	-2,458.78	-6,336.65	3,060.37	2,776.67	283.70	10.787				
13,300.00	7,321.00	11,190.05	7,344.05	170.49	143.06	90.64	-2,460.25	-6,402.32	3,058.19	2,771.36	286.82	10.662				
13,400.00	7,321.00	11,331.40	7,345.32	172.52	146.70	90.66	-2,463.05	-6,543.63	3,056.41	2,762.00	294.41	10.382				
13,500.00	7,321.00	11,519.30	7,350.60	174.58	151.57	90.76	-2,472.97	-6,731.17	3,050.51	2,745.92	304.59	10.015				
13,600.00	7,321.00	11,567.00	7,350.66	176.66	152.81	90.77	-2,475.58	-6,778.80	3,045.29	2,738.50	306.79	9.926				
13,700.00	7,321.00	11,607.10	7,349.68	178.75	153.84	90.75	-2,477.02	-6,818.86	3,041.94	2,733.46	308.48	9.861				
13,800.00	7,321.00	11,663.00	7,346.83	180.87	155.28	90.69	-2,477.15	-6,874.68	3,041.14	2,730.14	311.01	9.778				
13,822.87	7,321.00	11,663.00	7,346.83	181.35	155.28	90.69	-2,477.15	-6,874.68	3,041.06	2,730.25	310.80	9.785				
13,900.00	7,321.00	11,663.00	7,346.83	183.00	155.28	90.69	-2,477.15	-6,874.68	3,042.03	2,732.03	310.01	9.813				
14,000.00	7,321.00	11,727.66	7,343.05	185.15	156.95	90.62	-2,475.38	-6,939.20	3,044.88	2,731.95	312.93	9.730				
14,100.00	7,321.00	11,759.00	7,341.59	187.32	157.75	90.59	-2,474.07	-6,970.48	3,049.50	2,735.87	313.63	9.723				
14,200.00	7,321.00	11,812.18	7,339.69	189.50	159.12	90.56	-2,470.84	-7,023.53	3,055.87	2,740.17	315.70	9.680				
14,300.00	7,321.00	11,854.00	7,338.72	191.70	160.19	90.54	-2,467.26	-7,065.18	3,064.35	2,747.42	316.93	9.669				
14,400.00	7,321.00	12,083.42	7,343.80	193.92	166.12	90.63	-2,452.78	-7,294.02	3,069.58	2,738.62	330.96	9.275				
14,500.00	7,321.00	12,681.63	7,352.26	196.15	181.78	90.79	-2,464.84	-7,891.13	3,072.55	2,707.75	364.80	8.422				
14,600.00	7,321.00	12,765.28	7,356.39	198.39	183.97	90.87	-2,474.64	-7,974.09	3,061.05	2,691.82	369.23	8.290				
14,700.00	7,321.00	12,805.00	7,356.94	200.65	185.02	90.88	-2,478.43	-8,013.62	3,051.52	2,680.10	371.43	8.216				
14,800.00	7,321.00	12,805.00	7,356.94	202.92	185.02	90.88	-2,478.43	-8,013.62	3,044.57	2,673.23	371.34	8.199				
14,900.00	7,321.00	12,866.29	7,356.47	205.20	186.63	90.88	-2,482.27	-8,074.78	3,038.93	2,664.50	374.43	8.116				

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-15-1C - 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					
15,000.00	7,321.00	12,901.00	7,355.85	207.50	187.54	90.87	-2,483.24	-8,109.48	3,036.02	2,660.10	375.92	8.076					
15,100.00	7,321.00	12,980.67	7,354.21	209.80	189.64	90.83	-2,484.35	-8,189.12	3,034.59	2,654.62	379.97	7.986					
15,200.00	7,321.00	13,068.43	7,352.46	212.12	191.95	90.80	-2,485.26	-8,276.85	3,033.56	2,649.05	384.51	7.889					
15,248.62	7,321.00	13,092.00	7,351.94	213.26	192.57	90.79	-2,485.44	-8,300.42	3,033.28	2,647.73	385.55	7.867					
15,300.00	7,321.00	13,121.29	7,351.23	214.45	193.35	90.78	-2,485.44	-8,329.70	3,033.36	2,646.46	386.90	7.840					
15,400.00	7,321.00	13,187.00	7,349.28	216.79	195.08	90.74	-2,483.89	-8,395.36	3,035.35	2,645.32	390.03	7.782					
15,500.00	7,321.00	13,241.64	7,347.56	219.15	196.51	90.71	-2,481.89	-8,449.94	3,038.53	2,646.13	392.40	7.744					
15,600.00	7,321.00	13,399.14	7,343.56	221.51	200.66	90.63	-2,478.60	-8,607.35	3,040.44	2,639.07	401.37	7.575					
15,700.00	7,321.00	13,473.00	7,341.37	223.88	202.61	90.59	-2,476.76	-8,681.15	3,042.77	2,637.77	405.00	7.513					
15,800.00	7,321.00	13,523.28	7,339.31	226.26	203.94	90.55	-2,474.88	-8,731.35	3,046.21	2,639.15	407.07	7.483					
15,900.00	7,321.00	13,636.60	7,332.53	228.65	206.92	90.42	-2,470.31	-8,844.38	3,050.27	2,637.05	413.22	7.382					
16,000.00	7,321.00	13,780.19	7,322.25	231.04	210.70	90.23	-2,466.58	-8,987.54	3,052.77	2,631.49	421.28	7.246					
16,100.00	7,321.00	13,855.00	7,316.67	233.45	212.67	90.13	-2,464.66	-9,062.12	3,055.34	2,630.40	424.94	7.190					
16,200.00	7,321.00	14,009.42	7,304.79	235.86	216.74	89.90	-2,462.23	-9,216.06	3,056.70	2,623.07	433.63	7.049					
16,300.00	7,321.00	14,187.80	7,287.78	238.28	221.44	89.58	-2,462.09	-9,393.62	3,057.06	2,613.49	443.56	6.892					
16,400.00	7,321.00	14,327.25	7,276.38	240.71	225.13	89.37	-2,465.19	-9,532.56	3,054.88	2,603.80	451.08	6.772					
16,500.00	7,321.00	14,403.42	7,269.61	243.15	227.14	89.24	-2,467.04	-9,608.41	3,052.60	2,597.64	454.96	6.710					
16,600.00	7,321.00	14,504.44	7,258.38	245.59	229.80	89.03	-2,468.97	-9,708.78	3,050.87	2,590.64	460.23	6.629					
16,700.00	7,321.00	14,646.47	7,242.50	248.05	233.54	88.73	-2,472.93	-9,849.87	3,048.32	2,580.53	467.79	6.516					
16,800.00	7,321.00	14,750.20	7,229.41	250.50	236.27	88.48	-2,476.80	-9,952.69	3,044.89	2,571.73	473.17	6.435					
16,900.00	7,321.00	14,841.83	7,217.36	252.97	238.68	88.25	-2,479.94	-10,043.48	3,041.83	2,563.97	477.87	6.365					
17,000.00	7,321.00	14,952.19	7,202.96	255.44	241.58	87.98	-2,483.94	-10,152.82	3,038.64	2,555.06	483.59	6.284					
17,100.00	7,321.00	15,046.37	7,191.21	257.91	244.06	87.76	-2,487.51	-10,246.19	3,035.33	2,546.91	488.43	6.215					
17,200.00	7,321.00	15,190.00	7,180.55	260.39	247.87	87.55	-2,493.45	-10,389.28	3,031.52	2,535.48	496.04	6.111					
17,300.00	7,321.00	15,242.89	7,178.23	262.88	249.28	87.50	-2,495.86	-10,442.06	3,027.46	2,528.73	498.73	6.070					
17,400.00	7,321.00	15,285.00	7,176.65	265.37	250.40	87.47	-2,496.75	-10,484.13	3,025.49	2,524.81	500.67	6.043					
17,500.00	7,321.00	15,391.08	7,173.26	267.87	253.24	87.41	-2,498.04	-10,590.15	3,024.45	2,518.10	506.35	5.973					
17,600.00	7,321.00	15,498.15	7,169.85	270.37	256.10	87.34	-2,499.79	-10,697.15	3,022.99	2,510.91	512.08	5.903					
17,700.00	7,321.00	15,593.08	7,166.18	272.88	258.64	87.27	-2,501.29	-10,791.99	3,021.62	2,504.54	517.08	5.844					
17,752.10	7,321.00	15,605.00	7,165.71	274.19	258.96	87.26	-2,501.48	-10,803.90	3,021.19	2,503.76	517.43	5.839					
17,800.00	7,321.00	15,605.00	7,165.71	275.40	258.96	87.26	-2,501.48	-10,803.90	3,021.57	2,504.59	516.98	5.845					
17,900.00	7,321.00	15,605.00	7,165.71	277.91	258.96	87.26	-2,501.48	-10,803.90	3,024.81	2,509.16	515.65	5.866					
18,000.00	7,321.00	15,605.00	7,165.71	280.43	258.96	87.26	-2,501.48	-10,803.90	3,031.35	2,517.56	513.79	5.900					
18,100.00	7,321.00	15,605.00	7,165.71	282.97	258.96	87.25	-2,501.48	-10,803.90	3,042.28	2,530.86	511.42	5.949					
18,200.00	7,321.00	15,605.00	7,165.71	285.53	258.96	87.24	-2,501.48	-10,803.90	3,059.81	2,551.24	508.57	6.017					
18,300.00	7,321.00	15,605.00	7,165.71	288.11	258.96	87.21	-2,501.48	-10,803.90	3,083.87	2,578.59	505.29	6.103					
18,400.00	7,321.00	15,605.00	7,165.71	290.70	258.96	87.18	-2,501.48	-10,803.90	3,114.29	2,612.66	501.63	6.208					
18,500.00	7,321.00	15,605.00	7,165.71	293.30	258.96	87.14	-2,501.48	-10,803.90	3,150.84	2,653.18	497.66	6.331					
18,600.00	7,321.00	15,605.00	7,165.71	295.90	258.96	87.14	-2,501.48	-10,803.90	3,192.10	2,698.68	493.43	6.469					
18,700.00	7,321.00	15,605.00	7,165.71	298.50	258.96	87.14	-2,501.48	-10,803.90	3,235.96	2,747.02	488.93	6.618					
18,800.00	7,321.00	15,605.00	7,165.71	301.11	258.96	87.14	-2,501.48	-10,803.90	3,282.27	2,798.05	484.22	6.778					
18,900.00	7,321.00	15,605.00	7,165.71	303.72	258.96	87.14	-2,501.48	-10,803.90	3,330.95	2,851.62	479.32	6.949					
19,000.00	7,321.00	15,605.00	7,165.71	306.32	258.96	87.14	-2,501.48	-10,803.90	3,381.88	2,907.61	474.27	7.131					
19,100.00	7,321.00	15,605.00	7,165.71	308.93	258.96	87.14	-2,501.48	-10,803.90	3,434.97	2,965.87	469.10	7.323					
19,200.00	7,321.00	15,605.00	7,165.71	311.54	258.96	87.14	-2,501.48	-10,803.90	3,490.12	3,026.29	463.83	7.525					
19,300.00	7,321.00	15,605.00	7,165.71	314.16	258.96	87.14	-2,501.48	-10,803.90	3,547.23	3,088.74	458.49	7.737					
19,400.00	7,321.00	15,605.00	7,165.71	316.77	258.96	87.14	-2,501.48	-10,803.90	3,606.21	3,153.11	453.10	7.959					
19,500.00	7,321.00	15,605.00	7,165.71	319.38	258.96	87.14	-2,501.48	-10,803.90	3,666.96	3,219.28	447.69	8.191					
19,600.00	7,321.00	15,605.00	7,165.71	322.00	258.96	87.14	-2,501.48	-10,803.90	3,729.41	3,287.14	442.27	8.432					
19,700.00	7,321.00	15,605.00	7,165.71	324.61	258.96	87.14	-2,501.48	-10,803.90	3,793.47	3,356.61	436.87	8.683					
19,800.00	7,321.00	15,605.00	7,165.71	327.23	258.96	87.20	-2,501.48	-10,803.90	3,858.31	3,426.86	431.44	8.943					
19,900.00	7,321.00	15,605.00	7,165.71	329.85	258.96	87.28	-2,501.48	-10,803.90	3,922.07	3,496.16	425.90	9.209					

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
20,000.00	7,321.00	15,605.00	7,165.71	332.46	258.96	87.35	-2,501.48	-10,803.90	3,984.66	3,564.41	420.24	9.482	
20,100.00	7,321.00	15,605.00	7,165.71	335.06	258.96	87.43	-2,501.48	-10,803.90	4,046.05	3,631.58	414.47	9.762	
20,200.00	7,321.00	15,605.00	7,165.71	337.65	258.96	87.49	-2,501.48	-10,803.90	4,106.24	3,697.66	408.58	10.050	
20,300.00	7,321.00	15,605.00	7,165.71	340.22	258.96	87.52	-2,501.48	-10,803.90	4,165.68	3,763.07	402.61	10.347	
20,400.00	7,321.00	15,605.00	7,165.71	342.79	258.96	87.52	-2,501.48	-10,803.90	4,226.41	3,829.74	396.67	10.655	
20,500.00	7,321.00	15,605.00	7,165.71	345.37	258.96	87.52	-2,501.48	-10,803.90	4,288.61	3,897.83	390.78	10.974	
20,600.00	7,321.00	15,605.00	7,165.71	347.95	258.96	87.52	-2,501.48	-10,803.90	4,352.23	3,967.26	384.96	11.306	
20,700.00	7,321.00	15,605.00	7,165.71	350.53	258.96	87.52	-2,501.48	-10,803.90	4,417.19	4,037.97	379.21	11.648	
20,800.00	7,321.00	15,605.00	7,165.71	353.11	258.96	87.52	-2,501.48	-10,803.90	4,483.44	4,109.89	373.55	12.002	
20,900.00	7,321.00	15,605.00	7,165.71	355.70	258.96	87.52	-2,501.48	-10,803.90	4,550.92	4,182.96	367.96	12.368	
20,976.29	7,321.00	15,605.00	7,165.71	357.67	258.96	87.52	-2,501.48	-10,803.90	4,603.19	4,239.43	363.76	12.654	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	155.98	155.91	0.27	0.25	-167.99	-1,311.33	-278.92	1,342.38	1,341.87	0.51	2,622.735		
200.00	200.00	225.00	224.91	0.63	0.53	-168.00	-1,309.63	-278.36	1,339.40	1,338.25	1.15	1,160.898		
300.00	300.00	300.06	299.96	0.99	0.79	-168.00	-1,308.56	-278.10	1,337.84	1,336.06	1.78	752.268		
370.17	370.17	358.27	358.17	1.24	1.00	-167.99	-1,308.26	-278.27	1,337.52	1,335.29	2.23	599.194		
400.00	400.00	383.02	382.92	1.34	1.08	-167.99	-1,308.27	-278.43	1,337.58	1,335.16	2.42	551.745		
500.00	499.98	470.97	470.87	1.69	1.38	-15.49	-1,308.94	-279.16	1,336.80	1,333.73	3.07	435.906		
600.00	599.84	563.64	563.53	2.03	1.70	-15.55	-1,310.27	-279.93	1,333.33	1,329.61	3.72	358.260		
700.00	699.45	677.60	677.46	2.38	2.09	-15.66	-1,311.84	-281.20	1,326.56	1,322.09	4.47	296.927		
800.00	798.70	791.87	791.73	2.75	2.50	-15.87	-1,311.87	-281.62	1,314.91	1,309.68	5.23	251.619		
900.00	897.47	881.80	881.66	3.15	2.81	-16.09	-1,311.64	-282.41	1,299.79	1,293.89	5.90	220.144		
1,000.00	995.62	965.81	965.66	3.57	3.11	-16.33	-1,312.03	-283.96	1,282.26	1,275.69	6.57	195.201		
1,100.00	1,093.06	1,046.06	1,045.84	4.03	3.40	-16.56	-1,313.14	-286.83	1,262.67	1,255.44	7.23	174.688		
1,200.00	1,189.64	1,125.59	1,125.20	4.53	3.69	-16.76	-1,315.05	-291.55	1,241.23	1,233.34	7.89	157.230		
1,300.00	1,285.27	1,202.71	1,202.08	5.08	3.97	-16.98	-1,317.87	-296.98	1,217.97	1,209.41	8.56	142.239		
1,400.00	1,379.82	1,272.00	1,271.00	5.66	4.23	-17.19	-1,321.45	-303.18	1,193.31	1,184.10	9.21	129.523		
1,500.00	1,473.17	1,348.74	1,347.05	6.30	4.52	-17.37	-1,326.56	-312.03	1,167.33	1,157.42	9.91	117.808		
1,600.00	1,565.21	1,425.43	1,422.70	6.98	4.82	-17.51	-1,332.74	-323.06	1,139.95	1,129.33	10.62	107.316		
1,700.00	1,655.84	1,513.85	1,509.57	7.72	5.19	-17.63	-1,340.74	-337.42	1,110.68	1,099.27	11.40	97.410		
1,800.00	1,744.94	1,623.91	1,617.78	8.51	5.65	-17.83	-1,350.26	-355.07	1,077.88	1,065.59	12.29	87.702		
1,900.00	1,832.39	1,717.04	1,708.88	9.35	6.07	-17.90	-1,356.35	-373.33	1,040.67	1,027.54	13.14	79.228		
2,000.00	1,918.11	1,784.79	1,774.28	10.25	6.39	-17.83	-1,360.75	-390.47	1,001.60	987.70	13.90	72.046		
2,100.00	2,001.97	1,838.31	1,825.50	11.19	6.66	-17.81	-1,365.91	-405.09	962.68	948.05	14.63	65.798		
2,200.00	2,083.88	1,901.95	1,885.98	12.20	7.00	-17.75	-1,374.31	-423.02	924.10	908.68	15.42	59.928		
2,300.00	2,163.74	1,974.57	1,954.60	13.25	7.41	-17.67	-1,385.55	-443.96	884.78	868.51	16.27	54.381		
2,400.00	2,241.45	2,049.00	2,024.39	14.35	7.85	-17.54	-1,397.83	-466.72	843.89	826.74	17.15	49.217		
2,500.00	2,316.92	2,126.50	2,096.14	15.51	8.35	-17.25	-1,411.35	-492.68	801.61	783.55	18.06	44.375		
2,600.00	2,390.05	2,206.57	2,168.86	16.71	8.91	-16.68	-1,425.89	-522.87	758.12	739.10	19.01	39.872		
2,700.00	2,460.76	2,280.26	2,234.25	17.96	9.48	-15.82	-1,438.97	-554.19	712.95	693.02	19.93	35.773		
2,800.00	2,528.98	2,335.00	2,281.90	19.26	9.92	-15.02	-1,449.38	-579.04	667.63	646.91	20.72	32.222		
2,900.00	2,596.24	2,408.98	2,344.88	20.59	10.59	-13.37	-1,465.34	-614.42	624.57	602.97	21.59	28.923		
3,000.00	2,663.50	2,494.45	2,416.38	21.92	11.39	-11.19	-1,486.16	-656.36	585.03	562.53	22.49	26.009		
3,100.00	2,730.76	2,577.60	2,486.38	23.25	12.21	-8.90	-1,506.62	-696.29	546.18	522.83	23.34	23.400		
3,200.00	2,798.02	2,663.84	2,557.77	24.60	13.08	-6.04	-1,528.42	-739.47	510.01	485.86	24.15	21.123		
3,300.00	2,865.28	2,751.96	2,631.43	25.94	13.98	-2.89	-1,550.95	-782.27	474.70	449.75	24.95	19.027		
3,400.00	2,932.54	2,831.97	2,697.61	27.30	14.82	0.29	-1,572.90	-821.51	442.87	417.21	25.66	17.259		
3,500.00	2,999.80	2,923.87	2,773.29	28.65	15.80	4.32	-1,599.14	-866.56	413.93	387.36	26.57	15.578		
3,600.00	3,067.06	3,029.00	2,861.48	30.01	16.89	9.28	-1,629.01	-915.35	385.28	357.42	27.86	13.829		
3,700.00	3,134.32	3,133.14	2,951.16	31.37	17.92	14.65	-1,657.51	-959.95	355.60	326.14	29.45	12.073		
3,800.00	3,201.59	3,224.66	3,030.89	32.73	18.82	20.71	-1,678.63	-999.58	326.43	295.00	31.43	10.387		
3,900.00	3,268.85	3,302.61	3,097.72	34.09	19.61	27.31	-1,693.97	-1,036.63	303.68	269.70	33.99	8.936		
4,000.00	3,336.11	3,385.00	3,167.05	35.46	20.50	35.07	-1,710.36	-1,078.02	290.38	252.74	37.64	7.714		
4,100.00	3,403.37	3,482.29	3,249.45	36.83	21.53	44.56	-1,730.23	-1,125.75	284.25	241.42	42.83	6.637		
4,139.29	3,429.79	3,514.04	3,276.66	37.37	21.87	47.71	-1,736.62	-1,140.82	283.46	238.71	44.75	6.334 CC		
4,200.00	3,470.63	3,563.59	3,318.85	38.20	22.39	52.61	-1,746.70	-1,164.75	285.33	237.55	47.79	5.971 ES		
4,300.00	3,537.89	3,646.65	3,388.94	39.57	23.29	60.49	-1,764.00	-1,205.85	296.13	243.46	52.67	5.622		
4,400.00	3,605.15	3,744.13	3,471.15	40.94	24.34	68.94	-1,784.95	-1,253.84	313.89	256.12	57.77	5.433		
4,500.00	3,672.41	3,831.54	3,546.05	42.31	25.26	75.87	-1,803.91	-1,294.71	335.31	273.61	61.70	5.435		
4,600.00	3,739.67	3,911.20	3,613.73	43.68	26.13	81.45	-1,820.89	-1,333.13	363.19	298.61	64.57	5.624		
4,700.00	3,806.93	3,992.19	3,681.31	45.06	27.03	86.22	-1,838.18	-1,374.30	396.96	329.95	67.01	5.924		
4,800.00	3,874.19	4,079.57	3,753.48	46.43	28.04	90.50	-1,857.33	-1,419.68	434.05	364.58	69.47	6.248		
4,900.00	3,941.46	4,169.80	3,827.65	47.81	29.09	94.15	-1,877.87	-1,466.78	472.81	400.94	71.87	6.579		
5,000.00	4,008.72	4,260.13	3,901.88	49.18	30.15	97.26	-1,898.82	-1,513.79	512.65	438.51	74.13	6.915		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
5,100.00	4,075.98	4,353.88	3,979.04	50.56	31.24	100.03	-1,921.01	-1,562.18	553.03	476.60	76.44	7.235		
5,200.00	4,143.24	4,455.92	4,064.75	51.94	32.37	102.91	-1,944.88	-1,612.14	592.94	514.04	78.90	7.515		
5,300.00	4,210.50	4,556.12	4,152.07	53.31	33.39	105.90	-1,967.27	-1,655.83	631.45	550.45	81.00	7.795		
5,400.00	4,277.76	4,635.52	4,221.15	54.69	34.19	107.99	-1,985.06	-1,690.71	671.25	588.94	82.31	8.155		
5,500.00	4,345.02	4,708.99	4,283.77	56.07	34.98	109.53	-2,001.60	-1,725.39	713.42	629.95	83.47	8.547		
5,600.00	4,412.28	4,804.80	4,365.10	57.45	36.01	111.29	-2,022.79	-1,771.37	756.85	671.40	85.45	8.857		
5,700.00	4,479.54	4,887.56	4,436.34	58.83	36.89	112.79	-2,040.69	-1,809.48	800.25	713.36	86.89	9.210		
5,800.00	4,546.80	4,972.09	4,508.06	60.21	37.82	114.04	-2,059.23	-1,850.20	844.76	756.29	88.48	9.548		
5,900.00	4,614.07	5,066.48	4,586.81	61.59	38.87	115.11	-2,080.90	-1,897.50	889.59	799.11	90.48	9.832		
6,000.00	4,681.33	5,165.25	4,671.33	62.97	39.95	116.39	-2,103.38	-1,943.38	933.32	840.82	92.50	10.090		
6,100.00	4,748.59	5,247.74	4,741.35	64.35	40.84	117.29	-2,122.59	-1,982.53	977.31	883.29	94.02	10.395		
6,200.00	4,815.85	5,324.85	4,805.63	65.73	41.72	117.93	-2,140.59	-2,021.10	1,022.39	926.93	95.46	10.710		
6,300.00	4,883.11	5,413.82	4,879.77	67.11	42.74	118.61	-2,161.01	-2,065.87	1,068.02	970.69	97.33	10.973		
6,400.00	4,950.37	5,516.14	4,965.12	68.49	43.91	119.33	-2,185.03	-2,116.94	1,113.19	1,013.57	99.62	11.174		
6,500.00	5,017.63	5,611.37	5,045.22	69.87	44.97	120.02	-2,207.76	-2,163.13	1,157.67	1,056.05	101.62	11.392		
6,600.00	5,084.89	5,708.62	5,128.35	71.25	46.01	120.80	-2,230.72	-2,208.07	1,201.73	1,098.17	103.56	11.604		
6,700.00	5,152.15	5,797.00	5,204.57	72.63	46.93	121.53	-2,252.07	-2,247.39	1,244.92	1,139.74	105.18	11.836		
6,800.00	5,219.41	5,871.01	5,268.39	74.02	47.70	122.10	-2,269.56	-2,280.53	1,288.91	1,182.49	106.42	12.112		
6,900.00	5,286.67	5,938.54	5,326.37	75.40	48.41	122.56	-2,284.29	-2,311.84	1,334.88	1,227.40	107.49	12.419		
7,000.00	5,353.94	6,007.64	5,385.98	76.78	49.14	123.03	-2,298.42	-2,343.81	1,382.11	1,273.52	108.59	12.728		
7,100.00	5,421.20	6,084.00	5,452.10	78.16	49.93	123.54	-2,312.73	-2,379.23	1,430.82	1,320.93	109.89	13.021		
7,200.00	5,488.46	6,166.90	5,523.33	79.55	50.82	124.01	-2,328.17	-2,418.71	1,480.10	1,368.65	111.45	13.281		
7,300.00	5,555.72	6,233.22	5,579.50	80.93	51.56	124.30	-2,340.92	-2,451.61	1,529.53	1,416.95	112.58	13.586		
7,400.00	5,622.98	6,342.51	5,671.38	82.31	52.79	124.69	-2,362.05	-2,506.84	1,579.12	1,464.00	115.12	13.717		
7,500.00	5,690.24	6,498.97	5,802.76	83.69	54.55	125.22	-2,397.90	-2,583.84	1,624.79	1,505.81	118.98	13.656		
7,600.00	5,757.50	6,588.23	5,878.32	85.08	55.54	125.54	-2,419.02	-2,626.40	1,670.08	1,549.27	120.81	13.824		
7,700.00	5,824.76	6,685.71	5,960.47	86.46	56.62	125.85	-2,442.63	-2,673.26	1,715.02	1,592.15	122.87	13.958		
7,800.00	5,892.02	6,800.63	6,057.05	87.84	57.90	126.18	-2,471.09	-2,728.65	1,759.67	1,634.27	125.40	14.033		
7,900.00	5,959.28	6,940.88	6,175.61	89.23	59.44	126.63	-2,509.02	-2,793.24	1,801.61	1,673.18	128.43	14.028		
8,000.00	6,026.55	7,098.57	6,215.35	90.61	59.98	126.74	-2,522.20	-2,816.06	1,843.67	1,714.39	129.27	14.262		
8,100.00	6,093.81	7,039.00	6,257.89	91.99	60.54	126.88	-2,534.73	-2,840.07	1,887.95	1,757.83	130.12	14.510		
8,200.00	6,161.07	7,087.46	6,299.16	93.38	61.06	127.02	-2,545.69	-2,862.97	1,934.11	1,803.28	130.84	14.783		
8,300.00	6,228.33	7,158.43	6,360.11	94.76	61.82	127.26	-2,560.49	-2,896.18	1,981.76	1,849.64	132.12	15.000		
8,400.00	6,295.59	7,284.42	6,467.94	96.14	63.18	127.63	-2,588.35	-2,955.08	2,028.33	1,893.46	134.87	15.039		
8,500.00	6,362.85	7,366.69	6,537.71	97.53	64.07	127.83	-2,607.32	-2,994.33	2,074.43	1,937.92	136.51	15.196		
8,600.00	6,430.11	7,420.00	6,583.33	98.91	64.65	127.98	-2,619.14	-3,019.25	2,121.29	1,983.94	137.35	15.444		
8,700.00	6,497.37	7,487.58	6,641.29	100.29	65.38	128.16	-2,633.28	-3,051.02	2,169.23	2,030.66	138.56	15.655		
8,800.00	6,564.63	7,566.99	6,708.74	101.68	66.26	128.33	-2,649.03	-3,089.81	2,218.35	2,078.19	140.16	15.827		
8,900.00	6,631.89	7,643.38	6,772.01	103.06	67.18	128.40	-2,664.96	-3,129.53	2,267.31	2,125.49	141.82	15.987		
9,000.00	6,699.15	7,707.00	6,821.50	104.45	68.00	128.29	-2,678.33	-3,167.18	2,317.41	2,174.12	143.29	16.173		
9,100.00	6,766.42	7,738.50	6,844.61	105.83	68.48	128.18	-2,684.80	-3,187.57	2,368.83	2,225.06	143.77	16.476		
9,200.00	6,833.68	7,802.00	6,888.02	107.22	69.46	127.84	-2,697.09	-3,232.21	2,422.28	2,276.72	145.56	16.641		
9,300.00	6,900.94	7,802.00	6,888.02	108.60	69.46	127.84	-2,697.09	-3,232.21	2,476.84	2,332.13	144.71	17.116		
9,400.00	6,968.20	7,847.70	6,916.34	109.98	70.26	127.49	-2,705.30	-3,267.12	2,533.23	2,387.34	145.89	17.364		
9,500.00	7,035.46	7,898.00	6,944.34	111.37	71.15	127.02	-2,713.69	-3,308.03	2,591.41	2,444.09	147.32	17.591		
9,600.00	7,101.31	7,898.00	6,944.34	112.79	71.15	116.60	-2,713.69	-3,308.03	2,648.60	2,502.37	146.23	18.112		
9,700.00	7,161.49	7,948.53	6,969.64	114.30	72.12	105.30	-2,721.31	-3,351.09	2,698.53	2,550.97	147.56	18.288		
9,800.00	7,214.06	7,993.00	6,990.06	115.85	72.98	96.87	-2,727.23	-3,390.15	2,739.85	2,591.38	148.47	18.454		
9,900.00	7,257.41	8,025.01	7,003.51	117.39	73.62	90.87	-2,731.07	-3,418.94	2,771.33	2,622.65	148.67	18.640		
10,000.00	7,290.24	8,089.00	7,026.58	118.87	74.92	86.97	-2,737.79	-3,478.22	2,792.50	2,641.87	150.63	18.539		
10,100.00	7,311.53	8,112.19	7,033.93	120.23	75.41	84.85	-2,739.92	-3,500.12	2,802.10	2,651.79	150.31	18.643		
10,200.00	7,320.66	8,184.00	7,055.72	121.43	76.91	84.66	-2,745.64	-3,568.30	2,800.43	2,647.58	152.85	18.322		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
10,300.00	7,321.00	8,184.00	7,055.72	122.51	76.91	84.78	-2,745.64	-3,568.30	2,791.25	2,640.07	151.18	18.463		
10,400.00	7,321.00	8,247.10	7,070.44	123.62	78.25	85.07	-2,749.41	-3,629.50	2,783.49	2,630.19	153.30	18.158		
10,500.00	7,321.00	8,280.00	7,075.07	124.77	78.95	85.17	-2,750.82	-3,662.03	2,778.21	2,624.67	153.54	18.094		
10,600.00	7,321.00	8,333.32	7,079.81	125.95	80.09	85.26	-2,752.26	-3,715.12	2,774.92	2,619.88	155.04	17.898		
10,700.00	7,321.00	8,390.38	7,082.50	127.17	81.32	85.32	-2,752.74	-3,772.11	2,773.60	2,616.83	156.76	17.693		
10,800.00	7,321.00	8,527.69	7,081.34	128.43	84.29	85.29	-2,755.08	-3,909.37	2,771.93	2,608.42	163.51	16.953		
10,900.00	7,321.00	8,601.67	7,078.83	129.72	85.91	85.23	-2,756.73	-3,983.28	2,770.09	2,603.78	166.32	16.655		
10,963.84	7,321.00	8,636.62	7,077.72	130.56	86.68	85.21	-2,757.05	-4,018.21	2,769.70	2,602.35	167.35	16.550		
11,000.00	7,321.00	8,661.00	7,077.01	131.05	87.22	85.20	-2,757.05	-4,042.59	2,769.78	2,601.56	168.22	16.465		
11,100.00	7,321.00	8,750.64	7,073.79	132.41	89.21	85.13	-2,756.75	-4,132.17	2,770.43	2,598.35	172.08	16.100		
11,200.00	7,321.00	8,822.94	7,071.60	133.81	90.83	85.09	-2,756.11	-4,204.42	2,771.61	2,596.74	174.87	15.850		
11,300.00	7,321.00	8,913.84	7,071.21	135.25	92.88	85.08	-2,754.32	-4,295.31	2,773.63	2,594.71	178.92	15.502		
11,400.00	7,321.00	9,078.08	7,068.08	136.72	96.64	85.02	-2,753.10	-4,459.51	2,774.61	2,586.82	187.79	14.775		
11,500.00	7,321.00	9,188.63	7,068.25	138.22	99.22	85.02	-2,753.74	-4,570.05	2,774.03	2,580.80	193.23	14.356		
11,600.00	7,321.00	9,306.56	7,067.75	139.76	102.00	85.01	-2,754.83	-4,687.98	2,773.20	2,574.02	199.18	13.923		
11,700.00	7,321.00	9,385.70	7,066.81	141.34	103.88	84.99	-2,755.85	-4,767.10	2,772.11	2,569.48	202.63	13.681		
11,800.00	7,321.00	9,475.98	7,065.13	142.94	106.04	84.95	-2,756.13	-4,857.36	2,771.96	2,565.14	206.82	13.403		
11,900.00	7,321.00	9,603.75	7,064.12	144.58	109.11	84.93	-2,757.12	-4,985.12	2,771.30	2,557.80	213.50	12.980		
12,000.00	7,321.00	9,686.81	7,066.06	146.25	111.13	84.97	-2,757.81	-5,068.15	2,770.32	2,553.00	217.32	12.748		
12,100.00	7,321.00	9,775.35	7,067.20	147.95	113.28	84.99	-2,758.02	-5,156.68	2,770.00	2,548.49	221.51	12.505		
12,200.00	7,321.00	9,941.66	7,067.21	149.67	117.36	84.99	-2,760.28	-5,322.96	2,768.70	2,537.90	230.80	11.996		
12,300.00	7,321.00	10,032.90	7,065.72	151.43	119.62	84.95	-2,762.86	-5,414.16	2,766.09	2,530.90	235.19	11.761		
12,400.00	7,321.00	10,105.90	7,063.38	153.22	121.43	84.90	-2,764.32	-5,487.10	2,764.38	2,526.00	238.38	11.597		
12,500.00	7,321.00	10,208.19	7,062.25	155.04	123.97	84.88	-2,765.83	-5,589.37	2,763.03	2,519.51	243.52	11.346		
12,600.00	7,321.00	10,301.01	7,061.44	156.88	126.28	84.86	-2,767.12	-5,682.17	2,761.77	2,513.70	248.07	11.133		
12,700.00	7,321.00	10,381.00	7,059.61	158.75	128.28	84.82	-2,767.95	-5,762.14	2,760.98	2,509.22	251.76	10.967		
12,735.65	7,321.00	10,402.34	7,059.08	159.42	128.82	84.81	-2,768.04	-5,783.47	2,760.93	2,508.33	252.60	10.930		
12,800.00	7,321.00	10,437.80	7,058.61	160.65	129.70	84.80	-2,767.86	-5,818.93	2,761.35	2,507.46	253.90	10.876		
12,900.00	7,321.00	10,506.62	7,058.86	162.57	131.43	84.80	-2,766.48	-5,887.73	2,763.28	2,506.43	256.85	10.758		
13,000.00	7,321.00	10,600.24	7,058.36	164.51	133.77	84.80	-2,764.34	-5,981.33	2,765.63	2,504.14	261.50	10.576		
13,100.00	7,321.00	10,772.50	7,057.26	166.48	138.11	84.78	-2,761.15	-6,153.52	2,768.08	2,496.57	271.50	10.195		
13,200.00	7,321.00	10,880.92	7,060.20	168.48	140.87	84.84	-2,760.99	-6,261.90	2,768.02	2,490.80	277.22	9.985		
13,300.00	7,321.00	10,997.74	7,062.90	170.49	143.85	84.90	-2,762.05	-6,378.68	2,766.87	2,483.36	283.51	9.759		
13,394.88	7,321.00	11,065.53	7,063.53	172.42	145.59	84.91	-2,762.36	-6,446.47	2,766.39	2,479.80	286.59	9.653		
13,400.00	7,321.00	11,068.99	7,063.54	172.52	145.68	84.91	-2,762.36	-6,449.93	2,766.40	2,479.65	286.74	9.648		
13,500.00	7,321.00	11,146.00	7,062.97	174.58	147.64	84.90	-2,761.87	-6,526.93	2,767.07	2,476.73	290.34	9.530		
13,600.00	7,321.00	11,303.85	7,060.82	176.66	151.69	84.85	-2,761.65	-6,684.72	2,767.62	2,468.29	299.33	9.246		
13,700.00	7,321.00	11,432.00	7,063.53	178.75	155.00	84.91	-2,764.51	-6,812.79	2,765.05	2,458.67	306.37	9.025		
13,800.00	7,321.00	11,527.00	7,063.95	180.87	157.45	84.91	-2,766.49	-6,907.77	2,762.95	2,451.72	311.23	8.877		
13,900.00	7,321.00	11,601.16	7,062.69	183.00	159.37	84.88	-2,767.83	-6,981.91	2,761.35	2,446.65	314.70	8.774		
14,000.00	7,321.00	11,748.34	7,062.92	185.15	163.19	84.88	-2,770.66	-7,129.02	2,759.48	2,436.51	322.97	8.544		
14,100.00	7,321.00	11,846.56	7,065.51	187.32	165.74	84.93	-2,773.14	-7,227.17	2,756.76	2,428.67	328.09	8.402		
14,200.00	7,321.00	12,008.72	7,069.87	189.50	169.97	85.01	-2,778.50	-7,389.18	2,753.49	2,416.21	337.28	8.164		
14,300.00	7,321.00	12,043.20	7,070.66	191.70	170.87	85.03	-2,779.70	-7,423.63	2,749.74	2,411.38	338.37	8.127		
14,400.00	7,321.00	12,101.00	7,071.19	193.92	172.38	85.04	-2,780.18	-7,481.42	2,748.46	2,407.62	340.84	8.064		
14,500.00	7,321.00	12,292.37	7,071.57	196.15	177.38	85.04	-2,784.84	-7,672.72	2,746.35	2,394.41	351.94	7.803		
14,600.00	7,321.00	12,370.18	7,070.52	198.39	179.41	85.01	-2,788.07	-7,750.45	2,742.36	2,386.60	355.76	7.708		
14,700.00	7,321.00	12,445.02	7,069.40	200.65	181.37	84.98	-2,790.57	-7,825.24	2,739.20	2,379.83	359.37	7.622		
14,800.00	7,321.00	12,506.31	7,069.85	202.92	182.98	84.99	-2,791.88	-7,886.51	2,737.11	2,375.01	362.10	7.559		
14,868.63	7,321.00	12,540.15	7,070.22	204.48	183.87	84.99	-2,792.07	-7,920.34	2,736.68	2,373.29	363.38	7.531		
14,900.00	7,321.00	12,577.00	7,070.61	205.20	184.83	85.00	-2,791.79	-7,957.19	2,736.94	2,371.53	365.41	7.490		
14,905.50	7,321.00	12,577.00	7,070.61	205.33	184.83	85.00	-2,791.79	-7,957.19	2,736.93	2,371.61	365.33	7.492		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
15,000.00	7,321.00	12,609.39	7,071.00	207.50	185.68	85.01	-2,791.17	-7,989.57	2,738.23	2,372.21	366.02	7.481		
15,100.00	7,321.00	12,672.00	7,072.05	209.80	187.32	85.04	-2,789.14	-8,052.14	2,741.29	2,372.64	368.64	7.436		
15,200.00	7,321.00	12,822.20	7,074.23	212.12	191.25	85.09	-2,784.36	-8,202.24	2,744.55	2,367.02	377.53	7.270		
15,300.00	7,321.00	12,913.10	7,076.19	214.45	193.64	85.14	-2,782.87	-8,293.11	2,746.07	2,363.86	382.20	7.185		
15,400.00	7,321.00	12,991.97	7,077.72	216.79	195.71	85.17	-2,780.54	-8,371.93	2,748.82	2,362.79	386.03	7.121		
15,500.00	7,321.00	13,124.48	7,080.75	219.15	199.19	85.24	-2,777.21	-8,504.36	2,751.18	2,357.52	393.66	6.989		
15,600.00	7,321.00	13,210.56	7,082.09	221.51	201.46	85.27	-2,775.58	-8,590.41	2,752.99	2,354.99	398.00	6.917		
15,700.00	7,321.00	13,343.55	7,078.80	223.88	204.96	85.21	-2,773.27	-8,723.34	2,755.07	2,349.54	405.53	6.794		
15,800.00	7,321.00	13,466.98	7,073.22	226.26	208.21	85.09	-2,773.21	-8,846.63	2,755.50	2,343.19	412.32	6.683		
15,900.00	7,321.00	13,586.62	7,066.63	228.65	211.36	84.95	-2,773.71	-8,966.09	2,755.64	2,336.85	418.80	6.580		
16,000.00	7,321.00	13,699.82	7,058.98	231.04	214.35	84.79	-2,775.53	-9,079.02	2,754.66	2,329.84	424.81	6.484		
16,100.00	7,321.00	13,801.28	7,051.81	233.45	217.02	84.64	-2,777.23	-9,180.21	2,753.66	2,323.61	430.05	6.403		
16,177.62	7,321.00	13,850.50	7,048.77	235.32	218.32	84.58	-2,777.87	-9,229.33	2,753.18	2,320.96	432.22	6.370		
16,200.00	7,321.00	13,862.69	7,047.95	235.86	218.64	84.56	-2,777.93	-9,241.50	2,753.22	2,320.52	432.70	6.363		
16,300.00	7,321.00	14,086.57	7,032.05	238.28	224.55	84.22	-2,782.52	-9,464.71	2,752.58	2,306.97	445.61	6.177		
16,400.00	7,321.00	14,159.15	7,026.45	240.71	226.47	84.10	-2,785.88	-9,537.00	2,748.83	2,299.74	449.08	6.121		
16,500.00	7,321.00	14,289.76	7,014.49	243.15	229.92	83.84	-2,791.23	-9,666.94	2,745.90	2,289.93	455.97	6.022		
16,600.00	7,321.00	14,387.00	7,006.75	245.59	232.49	83.67	-2,796.31	-9,763.74	2,741.59	2,280.69	460.90	5.948		
16,700.00	7,321.00	14,445.59	7,002.63	248.05	234.04	83.57	-2,798.84	-9,822.13	2,738.18	2,274.65	463.52	5.907		
16,800.00	7,321.00	14,507.83	6,997.50	250.50	235.68	83.46	-2,800.51	-9,884.13	2,736.40	2,270.14	466.26	5.869		
16,900.00	7,321.00	14,604.59	6,988.56	252.97	238.24	83.27	-2,802.41	-9,980.46	2,735.54	2,264.42	471.12	5.806		
17,000.00	7,321.00	14,746.21	6,973.88	255.44	241.98	82.96	-2,807.17	-10,121.24	2,733.35	2,254.66	478.69	5.710		
17,100.00	7,321.00	14,813.69	6,966.41	257.91	243.76	82.79	-2,809.59	-10,188.25	2,731.25	2,249.57	481.68	5.670		
17,200.00	7,321.00	14,913.20	6,956.94	260.39	246.39	82.59	-2,811.45	-10,287.29	2,730.64	2,243.96	486.68	5.611		
17,300.00	7,321.00	15,058.13	6,944.80	262.88	250.23	82.32	-2,816.79	-10,431.60	2,727.92	2,233.43	494.49	5.517		
17,400.00	7,321.00	15,122.64	6,940.55	265.37	251.94	82.23	-2,818.85	-10,495.94	2,725.65	2,228.25	497.40	5.480		
17,500.00	7,321.00	15,213.98	6,933.25	267.87	254.37	82.07	-2,821.02	-10,586.96	2,724.40	2,222.49	501.92	5.428		
17,600.00	7,321.00	15,365.75	6,917.32	270.37	258.38	81.73	-2,826.04	-10,737.80	2,722.86	2,212.86	510.00	5.339		
17,700.00	7,321.00	15,444.00	6,907.84	272.88	260.44	81.51	-2,830.76	-10,815.32	2,718.98	2,205.40	513.58	5.294 SF		
17,763.62	7,321.00	15,444.00	6,907.84	274.48	260.44	81.51	-2,830.76	-10,815.32	2,718.23	2,205.47	512.76	5.301		
17,800.00	7,321.00	15,444.00	6,907.84	275.40	260.44	81.51	-2,830.76	-10,815.32	2,718.47	2,206.30	512.18	5.308		
17,900.00	7,321.00	15,444.00	6,907.84	277.91	260.44	81.51	-2,830.76	-10,815.32	2,721.65	2,211.53	510.12	5.335		
18,000.00	7,321.00	15,444.00	6,907.84	280.43	260.44	81.51	-2,830.76	-10,815.32	2,728.49	2,221.06	507.43	5.377		
18,100.00	7,321.00	15,444.00	6,907.84	282.97	260.44	81.48	-2,830.76	-10,815.32	2,740.07	2,235.95	504.12	5.435		
18,200.00	7,321.00	15,444.00	6,907.84	285.53	260.44	81.43	-2,830.76	-10,815.32	2,758.56	2,258.30	500.26	5.514		
18,300.00	7,321.00	15,444.00	6,907.84	288.11	260.44	81.35	-2,830.76	-10,815.32	2,783.87	2,287.95	495.92	5.614		
18,400.00	7,321.00	15,444.00	6,907.84	290.70	260.44	81.25	-2,830.76	-10,815.32	2,815.78	2,324.60	491.17	5.733		
18,500.00	7,321.00	15,444.00	6,907.84	293.30	260.44	81.12	-2,830.76	-10,815.32	2,854.02	2,367.92	486.11	5.871		
18,600.00	7,321.00	15,444.00	6,907.84	295.90	260.44	81.10	-2,830.76	-10,815.32	2,897.17	2,416.40	480.77	6.026		
18,700.00	7,321.00	15,444.00	6,907.84	298.50	260.44	81.10	-2,830.76	-10,815.32	2,943.12	2,467.94	475.18	6.194		
18,800.00	7,321.00	15,444.00	6,907.84	301.11	260.44	81.10	-2,830.76	-10,815.32	2,991.70	2,522.33	469.37	6.374		
18,900.00	7,321.00	15,444.00	6,907.84	303.72	260.44	81.10	-2,830.76	-10,815.32	3,042.79	2,579.40	463.40	6.566		
19,000.00	7,321.00	15,444.00	6,907.84	306.32	260.44	81.10	-2,830.76	-10,815.32	3,096.28	2,638.98	457.29	6.771		
19,100.00	7,321.00	15,444.00	6,907.84	308.93	260.44	81.10	-2,830.76	-10,815.32	3,152.02	2,700.93	451.10	6.987		
19,200.00	7,321.00	15,444.00	6,907.84	311.54	260.44	81.10	-2,830.76	-10,815.32	3,209.92	2,765.07	444.85	7.216		
19,300.00	7,321.00	15,444.00	6,907.84	314.16	260.44	81.10	-2,830.76	-10,815.32	3,269.85	2,831.28	438.57	7.456		
19,400.00	7,321.00	15,444.00	6,907.84	316.77	260.44	81.10	-2,830.76	-10,815.32	3,331.70	2,899.41	432.29	7.707		
19,500.00	7,321.00	15,444.00	6,907.84	319.38	260.44	81.10	-2,830.76	-10,815.32	3,395.37	2,969.34	426.04	7.970		
19,600.00	7,321.00	15,444.00	6,907.84	322.00	260.44	81.10	-2,830.76	-10,815.32	3,460.76	3,040.94	419.83	8.243		
19,700.00	7,321.00	15,444.00	6,907.84	324.61	260.44	81.10	-2,830.76	-10,815.32	3,527.78	3,114.10	413.68	8.528		
19,800.00	7,321.00	15,444.00	6,907.84	327.23	260.44	81.31	-2,830.76	-10,815.32	3,595.60	3,188.05	407.55	8.823		
19,900.00	7,321.00	15,444.00	6,907.84	329.85	260.44	81.58	-2,830.76	-10,815.32	3,662.47	3,261.16	401.31	9.126		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
20,000.00	7,321.00	15,444.00	6,907.84	332.46	260.44	81.83	-2,830.76	-10,815.32	3,728.29	3,333.33	394.96	9.440	
20,100.00	7,321.00	15,444.00	6,907.84	335.06	260.44	82.07	-2,830.76	-10,815.32	3,793.03	3,404.52	388.51	9.763	
20,200.00	7,321.00	15,444.00	6,907.84	337.65	260.44	82.30	-2,830.76	-10,815.32	3,856.66	3,474.72	381.94	10.097	
20,300.00	7,321.00	15,444.00	6,907.84	340.22	260.44	82.39	-2,830.76	-10,815.32	3,919.63	3,544.32	375.31	10.444	
20,400.00	7,321.00	15,444.00	6,907.84	342.79	260.44	82.39	-2,830.76	-10,815.32	3,983.89	3,615.13	368.76	10.803	
20,500.00	7,321.00	15,444.00	6,907.84	345.37	260.44	82.39	-2,830.76	-10,815.32	4,049.60	3,687.29	362.31	11.177	
20,600.00	7,321.00	15,444.00	6,907.84	347.95	260.44	82.39	-2,830.76	-10,815.32	4,116.70	3,760.72	355.98	11.564	
20,700.00	7,321.00	15,444.00	6,907.84	350.53	260.44	82.39	-2,830.76	-10,815.32	4,185.10	3,835.34	349.76	11.966	
20,800.00	7,321.00	15,444.00	6,907.84	353.11	260.44	82.39	-2,830.76	-10,815.32	4,254.76	3,911.09	343.67	12.380	
20,900.00	7,321.00	15,444.00	6,907.84	355.70	260.44	82.39	-2,830.76	-10,815.32	4,325.60	3,987.90	337.70	12.809	
20,976.29	7,321.00	15,444.00	6,907.84	357.67	260.44	82.39	-2,830.76	-10,815.32	4,380.41	4,047.17	333.24	13.145	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	86.84	86.84	0.27	0.12	-168.94	-1,336.40	-261.12	1,361.67	1,361.28	0.39	3,489.426		
200.00	200.00	189.19	189.18	0.63	0.39	-169.00	-1,336.72	-259.80	1,361.73	1,360.71	1.02	1,334.105		
300.00	300.00	301.75	301.74	0.99	0.79	-169.01	-1,336.26	-259.43	1,361.28	1,359.50	1.78	766.053		
400.00	400.00	401.08	401.06	1.34	1.14	-169.01	-1,335.16	-259.40	1,360.19	1,357.71	2.48	547.582		
500.00	499.98	500.67	500.65	1.69	1.49	-16.56	-1,334.30	-258.99	1,357.59	1,354.41	3.18	426.650		
600.00	599.84	588.95	588.92	2.03	1.81	-16.68	-1,333.97	-258.13	1,352.03	1,348.20	3.83	352.600		
700.00	699.45	680.07	680.03	2.38	2.12	-16.86	-1,334.35	-257.47	1,343.95	1,339.45	4.50	298.761		
800.00	798.70	767.87	767.83	2.75	2.42	-17.04	-1,335.11	-257.93	1,333.23	1,328.08	5.15	258.840		
900.00	897.47	857.27	857.20	3.15	2.73	-17.23	-1,336.41	-259.78	1,320.06	1,314.25	5.81	227.018		
1,000.00	995.62	942.33	942.21	3.57	3.02	-17.45	-1,338.19	-262.19	1,304.37	1,297.89	6.47	201.508		
1,100.00	1,093.06	1,024.36	1,024.06	4.03	3.30	-17.61	-1,340.49	-267.00	1,286.61	1,279.48	7.13	180.411		
1,200.00	1,189.64	1,104.26	1,103.60	4.53	3.59	-17.73	-1,343.35	-273.90	1,266.84	1,259.04	7.79	162.521		
1,300.00	1,285.27	1,179.43	1,178.22	5.08	3.86	-17.83	-1,347.00	-282.26	1,245.47	1,237.01	8.45	147.313		
1,400.00	1,379.82	1,272.00	1,269.91	5.66	4.21	-17.92	-1,352.32	-293.84	1,221.97	1,212.77	9.20	132.841		
1,500.00	1,473.17	1,332.57	1,329.72	6.30	4.45	-18.04	-1,356.67	-302.31	1,196.86	1,187.02	9.84	121.671		
1,600.00	1,565.21	1,403.67	1,399.54	6.98	4.74	-18.13	-1,363.46	-313.87	1,171.18	1,160.64	10.53	111.194		
1,700.00	1,655.84	1,481.82	1,476.04	7.72	5.07	-18.22	-1,371.87	-327.45	1,143.77	1,132.49	11.28	101.418		
1,800.00	1,744.94	1,556.00	1,548.22	8.51	5.40	-18.31	-1,381.24	-341.77	1,115.22	1,103.19	12.03	92.726		
1,900.00	1,832.39	1,622.53	1,612.56	9.35	5.72	-18.42	-1,391.03	-355.58	1,085.72	1,072.95	12.77	85.051		
2,000.00	1,918.11	1,705.84	1,692.65	10.25	6.14	-18.50	-1,404.41	-374.22	1,054.76	1,041.15	13.61	77.507		
2,100.00	2,001.97	1,790.48	1,773.09	11.19	6.60	-18.40	-1,417.52	-396.99	1,021.14	1,006.65	14.49	70.481		
2,200.00	2,083.88	1,857.00	1,835.35	12.20	6.98	-18.25	-1,428.40	-417.73	986.25	970.95	15.30	64.457		
2,300.00	2,163.74	1,936.38	1,908.49	13.25	7.50	-17.87	-1,442.29	-445.26	950.21	934.00	16.22	58.593		
2,400.00	2,241.45	2,007.43	1,972.87	14.35	8.00	-17.42	-1,455.48	-472.24	913.05	895.94	17.11	53.364		
2,500.00	2,316.92	2,074.06	2,032.12	15.51	8.51	-16.88	-1,468.83	-499.63	875.28	857.29	17.99	48.664		
2,600.00	2,390.05	2,143.00	2,092.14	16.71	9.07	-16.18	-1,484.33	-529.79	837.61	818.73	18.88	44.366		
2,700.00	2,460.76	2,205.42	2,145.44	17.96	9.63	-15.47	-1,499.74	-558.39	799.91	780.18	19.74	40.530		
2,800.00	2,528.98	2,289.16	2,215.99	19.26	10.41	-14.28	-1,521.73	-597.78	761.58	740.86	20.73	36.745		
2,900.00	2,596.24	2,387.31	2,299.36	20.59	11.34	-12.62	-1,547.47	-642.72	722.07	700.28	21.79	33.132		
3,000.00	2,663.50	2,485.56	2,383.78	21.92	12.27	-10.89	-1,572.72	-686.19	681.92	659.10	22.82	29.876		
3,100.00	2,730.76	2,576.73	2,462.61	23.25	13.14	-9.13	-1,595.66	-725.82	641.46	617.68	23.78	26.977		
3,200.00	2,798.02	2,667.90	2,540.73	24.60	14.02	-6.93	-1,617.75	-767.30	601.72	577.05	24.67	24.387		
3,300.00	2,865.28	2,751.28	2,612.43	25.94	14.86	-4.70	-1,637.79	-804.84	562.48	536.98	25.50	22.059		
3,400.00	2,932.54	2,825.69	2,674.98	27.30	15.63	-2.26	-1,656.36	-840.62	526.67	500.46	26.21	20.094		
3,500.00	2,999.80	2,913.68	2,748.04	28.65	16.58	1.10	-1,678.63	-884.30	493.67	466.65	27.03	18.266		
3,600.00	3,067.06	3,011.22	2,829.53	30.01	17.63	5.22	-1,703.14	-931.95	461.96	433.93	28.03	16.483		
3,700.00	3,134.32	3,107.61	2,911.28	31.37	18.65	9.70	-1,726.83	-977.20	430.75	401.55	29.20	14.750		
3,800.00	3,201.59	3,187.02	2,978.48	32.73	19.48	13.76	-1,747.14	-1,014.32	402.77	372.36	30.41	13.243		
3,900.00	3,268.85	3,278.62	3,055.52	34.09	20.47	18.86	-1,771.78	-1,057.29	378.89	346.67	32.22	11.760		
4,000.00	3,336.11	3,376.32	3,138.41	35.46	21.50	24.81	-1,797.98	-1,101.90	357.44	322.70	34.74	10.288		
4,100.00	3,403.37	3,477.92	3,226.03	36.83	22.52	31.63	-1,824.34	-1,146.03	337.61	299.48	38.13	8.855		
4,200.00	3,470.63	3,566.33	3,302.92	38.20	23.40	38.04	-1,847.41	-1,183.09	321.13	279.15	41.98	7.650		
4,300.00	3,537.89	3,652.61	3,377.49	39.57	24.27	44.57	-1,870.98	-1,219.52	310.62	264.17	46.45	6.687		
4,386.45	3,596.04	3,723.46	3,438.11	40.75	25.00	50.09	-1,890.64	-1,250.46	307.39	256.83	50.56	6.080 CC		
4,400.00	3,605.15	3,734.32	3,447.33	40.94	25.12	50.95	-1,893.61	-1,255.37	307.47	256.26	51.21	6.004		
4,500.00	3,672.41	3,824.53	3,523.67	42.31	26.07	58.11	-1,917.81	-1,296.91	312.25	255.78	56.47	5.530 ES		
4,600.00	3,739.67	3,914.19	3,600.01	43.68	27.03	65.02	-1,941.64	-1,337.44	321.93	260.48	61.45	5.239		
4,700.00	3,806.93	4,002.80	3,674.49	45.06	27.99	71.15	-1,966.53	-1,378.47	337.65	271.84	65.81	5.131		
4,800.00	3,874.19	4,093.96	3,750.86	46.43	29.00	76.83	-1,992.61	-1,420.88	357.64	287.92	69.73	5.129		
4,900.00	3,941.46	4,185.78	3,827.64	47.81	30.01	81.92	-2,019.18	-1,463.65	381.03	307.85	73.17	5.207		
5,000.00	4,008.72	4,278.49	3,904.98	49.18	31.04	86.43	-2,046.62	-1,506.79	406.88	330.65	76.23	5.337		
5,100.00	4,075.98	4,372.31	3,983.15	50.56	32.08	90.43	-2,074.77	-1,550.37	434.70	355.69	79.01	5.502		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,143.24	4,471.41	4,066.61	51.94	33.15	94.32	-2,104.22	-1,594.94	463.40	381.69	81.71	5.671		
5,300.00	4,210.50	4,565.63	4,147.88	53.31	34.12	98.00	-2,131.09	-1,634.30	492.24	408.30	83.94	5.864		
5,400.00	4,277.76	4,646.85	4,218.29	54.69	34.94	100.94	-2,153.15	-1,668.27	523.72	438.23	85.49	6.126		
5,500.00	4,345.02	4,724.71	4,285.15	56.07	35.75	103.38	-2,173.58	-1,702.53	558.61	471.82	86.79	6.436		
5,600.00	4,412.28	4,821.52	4,368.35	57.45	36.76	106.11	-2,198.57	-1,745.23	595.00	506.28	88.72	6.706		
5,700.00	4,479.54	4,909.07	4,442.77	58.83	37.69	108.15	-2,222.22	-1,784.82	632.05	541.73	90.31	6.999		
5,800.00	4,546.80	5,003.24	4,521.58	60.21	38.74	109.90	-2,248.84	-1,828.95	669.67	577.46	92.21	7.263		
5,900.00	4,614.07	5,096.04	4,600.24	61.59	39.74	111.60	-2,274.56	-1,870.92	707.40	613.45	93.95	7.529		
6,000.00	4,681.33	5,196.09	4,685.05	62.97	40.82	113.24	-2,302.88	-1,915.81	744.98	649.06	95.92	7.767		
6,100.00	4,748.59	5,294.98	4,768.12	64.35	41.91	114.60	-2,332.44	-1,960.56	781.86	683.98	97.88	7.988		
6,200.00	4,815.85	5,396.17	4,854.25	65.73	42.97	116.02	-2,362.75	-2,004.19	818.09	718.32	99.77	8.200		
6,300.00	4,883.11	5,492.99	4,937.48	67.11	43.96	117.38	-2,391.82	-2,044.19	853.88	752.44	101.43	8.418		
6,400.00	4,950.37	5,569.86	5,003.69	68.49	44.76	118.39	-2,414.60	-2,075.91	890.35	787.80	102.55	8.682		
6,500.00	5,017.63	5,641.55	5,064.79	69.87	45.51	119.17	-2,435.05	-2,107.36	929.01	825.43	103.57	8.970		
6,600.00	5,084.89	5,715.83	5,127.93	71.25	46.31	119.90	-2,454.98	-2,141.01	969.79	865.11	104.68	9.264		
6,700.00	5,152.15	5,809.10	5,208.38	72.63	47.27	120.89	-2,479.03	-2,181.60	1,011.05	904.75	106.30	9.511		
6,800.00	5,219.41	5,882.05	5,271.97	74.02	48.00	121.68	-2,496.92	-2,212.56	1,053.27	946.03	107.24	9.822		
6,900.00	5,286.67	5,947.80	5,329.11	75.40	48.68	122.32	-2,512.09	-2,241.32	1,097.32	989.35	107.98	10.163		
7,000.00	5,353.94	6,031.62	5,400.72	76.78	49.58	122.94	-2,530.72	-2,280.68	1,143.18	1,033.73	109.44	10.445		
7,100.00	5,421.20	6,156.48	5,504.76	78.16	50.99	123.53	-2,561.92	-2,342.23	1,187.52	1,075.04	112.48	10.558		
7,200.00	5,488.46	6,254.07	5,587.18	79.55	52.07	124.07	-2,587.61	-2,387.76	1,229.99	1,115.53	114.46	10.746		
7,300.00	5,555.72	6,357.72	5,674.75	80.93	53.20	124.62	-2,615.36	-2,435.74	1,272.07	1,155.48	116.60	10.910		
7,400.00	5,622.98	6,434.52	5,739.60	82.31	54.05	124.99	-2,636.13	-2,471.27	1,313.99	1,196.04	117.95	11.140		
7,500.00	5,690.24	6,515.41	5,807.36	83.69	54.95	125.31	-2,657.41	-2,509.98	1,356.99	1,237.50	119.48	11.357		
7,600.00	5,757.50	6,601.86	5,879.64	85.08	55.94	125.61	-2,679.98	-2,551.68	1,400.31	1,279.09	121.22	11.552		
7,700.00	5,824.76	6,690.58	5,952.97	86.46	56.96	125.84	-2,703.32	-2,595.84	1,443.87	1,320.77	123.10	11.729		
7,800.00	5,892.02	6,785.14	6,031.73	87.84	58.04	126.11	-2,728.09	-2,641.94	1,487.30	1,362.18	125.12	11.887		
7,900.00	5,959.28	6,882.53	6,114.74	89.23	59.09	126.53	-2,753.10	-2,686.30	1,530.41	1,403.37	127.04	12.046		
8,000.00	6,026.55	6,970.75	6,189.85	90.61	60.05	126.88	-2,776.17	-2,726.39	1,573.16	1,444.44	128.72	12.222		
8,100.00	6,093.81	7,040.35	6,248.06	91.99	60.83	127.06	-2,794.22	-2,760.01	1,616.80	1,486.84	129.96	12.440		
8,200.00	6,161.07	7,140.86	6,331.84	93.38	61.97	127.29	-2,820.14	-2,809.11	1,660.70	1,528.53	132.17	12.564		
8,300.00	6,228.33	7,239.95	6,416.14	94.76	63.04	127.63	-2,845.57	-2,854.53	1,704.06	1,569.90	134.16	12.702		
8,400.00	6,295.59	7,325.00	6,491.10	96.14	63.87	128.10	-2,866.41	-2,888.84	1,747.26	1,611.77	135.50	12.895		
8,500.00	6,362.85	7,383.26	6,543.81	97.53	64.36	128.52	-2,879.47	-2,909.94	1,791.49	1,655.49	136.00	13.172		
8,600.00	6,430.11	7,443.35	6,598.90	98.91	64.86	128.98	-2,891.53	-2,930.69	1,837.46	1,700.98	136.47	13.464		
8,700.00	6,497.37	7,516.00	6,665.42	100.29	65.46	129.51	-2,905.55	-2,956.32	1,884.47	1,747.25	137.22	13.733		
8,800.00	6,564.63	7,593.12	6,734.96	101.68	66.15	129.96	-2,920.53	-2,986.06	1,932.18	1,793.94	138.24	13.977		
8,900.00	6,631.89	7,693.99	6,822.34	103.06	67.19	130.27	-2,941.56	-3,031.74	1,979.99	1,839.74	140.25	14.118		
9,000.00	6,699.15	7,802.00	6,913.56	104.45	68.38	130.44	-2,966.41	-3,083.94	2,026.37	1,883.71	142.66	14.205		
9,100.00	6,766.42	7,851.96	6,955.48	105.83	68.98	130.49	-2,977.81	-3,108.57	2,073.43	1,930.02	143.40	14.459		
9,200.00	6,833.68	7,898.00	6,992.05	107.22	69.53	130.43	-2,987.59	-3,134.76	2,122.68	1,978.57	144.11	14.729		
9,300.00	6,900.94	7,990.27	7,057.76	108.60	70.89	129.94	-3,008.51	-3,195.89	2,172.35	2,025.32	147.02	14.775		
9,400.00	6,968.20	8,034.28	7,085.81	109.98	71.63	129.59	-3,018.88	-3,228.15	2,222.67	2,074.55	148.12	15.006		
9,500.00	7,035.46	8,089.00	7,118.06	111.37	72.56	129.06	-3,030.31	-3,270.84	2,275.53	2,125.77	149.76	15.195		
9,600.00	7,101.31	8,089.00	7,118.06	112.79	72.56	119.08	-3,030.31	-3,270.84	2,327.45	2,178.89	148.56	15.666		
9,700.00	7,161.49	8,138.96	7,145.32	114.30	73.46	108.17	-3,039.49	-3,311.67	2,372.94	2,223.22	149.72	15.849		
9,800.00	7,214.06	8,184.00	7,168.33	115.85	74.28	99.99	-3,047.00	-3,349.65	2,410.18	2,259.75	150.43	16.022		
9,900.00	7,257.41	8,184.00	7,168.33	117.39	74.28	94.08	-3,047.00	-3,349.65	2,439.02	2,290.57	148.45	16.429		
10,000.00	7,290.24	8,233.64	7,190.84	118.87	75.23	90.25	-3,053.68	-3,393.37	2,457.85	2,308.60	149.25	16.468		
10,100.00	7,311.53	8,279.00	7,207.75	120.23	76.09	88.21	-3,057.67	-3,435.24	2,467.95	2,318.17	149.78	16.477		
10,200.00	7,320.66	8,295.98	7,213.11	121.43	76.43	87.69	-3,058.79	-3,451.31	2,467.73	2,319.17	148.56	16.611		
10,300.00	7,321.00	8,375.00	7,229.99	122.51	78.02	88.16	-3,064.10	-3,528.23	2,460.44	2,309.05	151.40	16.252		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-15-3N - 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				
10,400.00	7,321.00	8,447.16	7,236.50	123.62	79.50	88.30	-3,068.68	-3,599.93	2,453.82	2,299.99	153.83	15.952				
10,500.00	7,321.00	8,530.60	7,239.00	124.77	81.23	88.36	-3,073.33	-3,683.20	2,448.18	2,291.17	157.02	15.592				
10,600.00	7,321.00	8,655.72	7,241.63	125.95	83.86	88.42	-3,080.37	-3,808.10	2,442.59	2,279.54	163.05	14.981				
10,700.00	7,321.00	8,698.43	7,242.13	127.17	84.76	88.43	-3,082.68	-3,850.73	2,437.27	2,273.70	163.58	14.900				
10,800.00	7,321.00	8,756.00	7,242.20	128.43	85.98	88.43	-3,083.97	-3,908.29	2,434.64	2,269.56	165.08	14.748				
10,900.00	7,321.00	8,911.46	7,241.02	129.72	89.32	88.40	-3,087.98	-4,063.66	2,432.64	2,259.27	173.38	14.031				
11,000.00	7,321.00	8,995.54	7,239.82	131.05	91.16	88.37	-3,092.36	-4,147.61	2,427.64	2,250.83	176.81	13.730				
11,100.00	7,321.00	9,043.00	7,238.36	132.41	92.20	88.33	-3,093.56	-4,195.03	2,424.99	2,247.30	177.69	13.647				
11,200.00	7,321.00	9,193.90	7,235.50	133.81	95.57	88.26	-3,098.35	-4,345.82	2,421.78	2,235.91	185.87	13.030				
11,300.00	7,321.00	9,234.00	7,234.69	135.25	96.47	88.24	-3,099.91	-4,385.88	2,418.67	2,232.38	186.29	12.984				
11,389.17	7,321.00	9,289.16	7,233.74	136.56	97.71	88.22	-3,100.97	-4,441.02	2,417.41	2,229.39	188.02	12.857				
11,400.00	7,321.00	9,293.32	7,233.69	136.72	97.80	88.21	-3,100.97	-4,445.17	2,417.42	2,229.38	188.04	12.856				
11,500.00	7,321.00	9,355.30	7,233.57	138.22	99.20	88.21	-3,099.88	-4,507.15	2,418.93	2,228.94	189.99	12.732				
11,600.00	7,321.00	9,480.90	7,237.94	139.76	102.06	88.32	-3,099.11	-4,632.66	2,419.28	2,222.59	196.69	12.300				
11,700.00	7,321.00	9,552.14	7,240.18	141.34	103.70	88.37	-3,098.05	-4,703.85	2,420.69	2,221.29	199.40	12.140				
11,800.00	7,321.00	9,635.45	7,241.15	142.94	105.62	88.39	-3,095.98	-4,787.12	2,423.15	2,220.15	203.00	11.937				
11,900.00	7,321.00	9,740.74	7,240.75	144.58	108.05	88.39	-3,093.62	-4,892.39	2,425.41	2,217.16	208.26	11.646				
12,000.00	7,321.00	9,814.55	7,239.45	146.25	109.77	88.36	-3,091.44	-4,966.15	2,428.44	2,217.28	211.16	11.500				
12,100.00	7,321.00	9,923.30	7,238.06	147.95	112.32	88.33	-3,087.81	-5,074.83	2,431.84	2,215.12	216.72	11.221				
12,200.00	7,321.00	10,037.54	7,236.69	149.67	115.02	88.30	-3,084.80	-5,189.03	2,434.53	2,211.80	222.72	10.931				
12,300.00	7,321.00	10,123.44	7,237.64	151.43	117.07	88.32	-3,082.43	-5,274.89	2,437.29	2,210.65	226.64	10.754				
12,400.00	7,321.00	10,189.00	7,238.47	153.22	118.64	88.34	-3,080.06	-5,340.40	2,440.99	2,211.97	229.01	10.659				
12,500.00	7,321.00	10,270.47	7,239.08	155.04	120.58	88.36	-3,076.25	-5,421.77	2,445.72	2,213.12	232.60	10.515				
12,600.00	7,321.00	10,632.66	7,243.11	156.88	129.49	88.45	-3,082.23	-5,783.57	2,439.87	2,183.03	256.84	9.499				
12,700.00	7,321.00	10,705.74	7,243.55	158.75	131.31	88.46	-3,085.80	-5,856.56	2,435.00	2,174.97	260.03	9.364				
12,800.00	7,321.00	10,851.43	7,242.51	160.65	134.96	88.43	-3,092.33	-6,002.10	2,430.95	2,162.71	268.23	9.063				
12,900.00	7,321.00	10,929.12	7,241.43	162.57	136.91	88.40	-3,096.97	-6,079.64	2,425.08	2,153.32	271.77	8.923				
13,000.00	7,321.00	11,003.93	7,239.30	164.51	138.79	88.35	-3,100.59	-6,154.33	2,420.35	2,145.27	275.08	8.799				
13,100.00	7,321.00	11,237.39	7,239.72	166.48	144.71	88.35	-3,116.52	-6,387.15	2,413.82	2,124.66	289.17	8.348				
13,200.00	7,321.00	11,284.86	7,239.99	168.48	145.92	88.35	-3,121.31	-6,434.37	2,404.48	2,113.65	290.83	8.268				
13,300.00	7,321.00	11,337.00	7,239.61	170.49	147.24	88.34	-3,123.75	-6,486.45	2,398.91	2,106.21	292.69	8.196				
13,400.00	7,321.00	11,344.28	7,239.51	172.52	147.43	88.34	-3,123.88	-6,493.73	2,395.36	2,104.13	291.23	8.225				
13,500.00	7,321.00	11,432.00	7,238.19	174.58	149.65	88.30	-3,126.13	-6,581.41	2,392.99	2,097.52	295.47	8.099				
13,600.00	7,321.00	11,527.00	7,237.73	176.66	152.07	88.29	-3,127.31	-6,676.39	2,391.80	2,091.54	300.26	7.966				
13,624.00	7,321.00	11,527.00	7,237.73	177.16	152.07	88.29	-3,127.31	-6,676.39	2,391.67	2,091.96	299.70	7.980				
13,700.00	7,321.00	11,599.10	7,237.70	178.75	153.90	88.29	-3,126.98	-6,748.49	2,392.02	2,088.68	303.34	7.886				
13,800.00	7,321.00	11,719.00	7,236.13	180.87	156.95	88.25	-3,127.86	-6,868.37	2,391.29	2,081.28	310.00	7.714				
13,881.70	7,321.00	11,783.93	7,235.85	182.61	158.61	88.25	-3,128.39	-6,933.30	2,390.72	2,077.74	312.99	7.638				
13,900.00	7,321.00	11,795.57	7,235.97	183.00	158.91	88.25	-3,128.38	-6,944.94	2,390.75	2,077.31	313.44	7.628				
14,000.00	7,321.00	11,890.52	7,237.58	185.15	161.34	88.29	-3,127.80	-7,039.87	2,391.32	2,073.05	318.27	7.513				
14,100.00	7,321.00	11,975.59	7,238.13	187.32	163.52	88.30	-3,127.21	-7,124.94	2,392.04	2,069.69	322.35	7.421				
14,200.00	7,321.00	12,094.64	7,237.02	189.50	166.57	88.28	-3,126.63	-7,243.98	2,392.56	2,063.55	329.01	7.272				
14,300.00	7,321.00	12,339.85	7,241.25	191.70	172.91	88.37	-3,132.12	-7,488.92	2,390.96	2,046.27	344.70	6.936				
14,400.00	7,321.00	12,386.00	7,243.36	193.92	174.11	88.42	-3,134.52	-7,534.97	2,386.03	2,039.82	346.21	6.892				
14,500.00	7,321.00	12,452.80	7,246.25	196.15	175.84	88.49	-3,136.79	-7,601.66	2,382.77	2,033.69	349.08	6.826				
14,600.00	7,321.00	12,522.38	7,249.17	198.39	177.65	88.56	-3,137.53	-7,671.18	2,381.53	2,029.42	352.12	6.763				
14,700.00	7,321.00	12,603.43	7,251.99	200.65	179.75	88.63	-3,137.98	-7,752.18	2,380.96	2,024.98	355.98	6.689				
14,704.45	7,321.00	12,606.27	7,252.07	200.75	179.83	88.63	-3,137.98	-7,755.01	2,380.96	2,024.87	356.09	6.686				
14,800.00	7,321.00	12,672.00	7,253.37	202.92	181.53	88.66	-3,137.43	-7,820.73	2,381.70	2,022.85	358.85	6.637				
14,900.00	7,321.00	12,823.39	7,253.81	205.20	185.47	88.67	-3,137.77	-7,972.11	2,381.29	2,013.28	368.01	6.471				
15,000.00	7,321.00	12,922.80	7,252.21	207.50	188.06	88.63	-3,138.61	-8,071.51	2,380.50	2,007.28	373.22	6.378				
15,100.00	7,321.00	13,024.49	7,249.78	209.80	190.71	88.57	-3,139.61	-8,173.15	2,379.61	2,001.02	378.59	6.285				

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-15-3N - 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												
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	Warning					
15,189.15	7,321.00	13,092.08	7,249.48	211.87	192.47	88.57	-3,140.08	-8,240.75	2,379.08	1,997.40	381.68	6.233						
15,200.00	7,321.00	13,099.07	7,249.43	212.12	192.66	88.57	-3,140.08	-8,247.73	2,379.09	1,997.13	381.96	6.229						
15,300.00	7,321.00	13,258.19	7,249.79	214.45	196.81	88.57	-3,140.32	-8,406.82	2,379.52	1,987.91	391.61	6.076						
15,400.00	7,321.00	13,355.97	7,252.78	216.79	199.38	88.64	-3,142.54	-8,504.53	2,377.21	1,980.44	396.77	5.991						
15,500.00	7,321.00	13,434.00	7,254.93	219.15	201.43	88.70	-3,143.49	-8,582.52	2,375.85	1,975.37	400.48	5.933						
15,586.76	7,321.00	13,489.85	7,256.31	221.19	202.90	88.73	-3,143.55	-8,638.36	2,375.57	1,972.79	402.78	5.898						
15,600.00	7,321.00	13,501.75	7,256.60	221.51	203.21	88.74	-3,143.54	-8,650.25	2,375.57	1,972.19	403.39	5.889						
15,700.00	7,321.00	13,569.91	7,258.18	223.88	205.00	88.77	-3,143.17	-8,718.39	2,376.16	1,969.90	406.26	5.849						
15,800.00	7,321.00	13,640.77	7,259.10	226.26	206.85	88.80	-3,141.52	-8,789.23	2,378.41	1,969.12	409.28	5.811						
15,900.00	7,321.00	13,797.45	7,259.68	228.65	210.97	88.81	-3,139.75	-8,945.88	2,379.40	1,960.39	419.01	5.679						
16,000.00	7,321.00	13,905.27	7,258.40	231.04	213.80	88.78	-3,139.78	-9,053.70	2,379.43	1,954.53	424.90	5.600						
16,100.00	7,321.00	14,109.51	7,252.61	233.45	219.19	88.64	-3,145.46	-9,257.75	2,376.32	1,938.71	437.61	5.430						
16,200.00	7,321.00	14,139.85	7,251.50	235.86	219.99	88.61	-3,146.28	-9,288.07	2,373.44	1,935.43	438.01	5.419						
16,256.94	7,321.00	14,160.34	7,250.68	237.24	220.53	88.59	-3,146.46	-9,308.54	2,373.00	1,934.68	438.32	5.414						
16,300.00	7,321.00	14,197.00	7,249.07	238.28	221.49	88.55	-3,146.01	-9,345.16	2,373.52	1,933.41	440.10	5.393						
16,400.00	7,321.00	14,254.47	7,246.32	240.71	223.00	88.49	-3,144.72	-9,402.55	2,375.40	1,933.30	442.09	5.373						
16,500.00	7,321.00	14,428.19	7,240.73	243.15	227.58	88.35	-3,144.79	-9,576.15	2,375.15	1,922.16	452.99	5.243						
16,600.00	7,321.00	14,541.33	7,238.94	245.59	230.58	88.31	-3,145.77	-9,689.28	2,374.43	1,915.18	459.26	5.170						
16,700.00	7,321.00	14,629.47	7,237.59	248.05	232.91	88.28	-3,147.47	-9,777.38	2,372.64	1,908.94	463.70	5.117						
16,770.29	7,321.00	14,674.00	7,236.16	249.77	234.09	88.24	-3,147.76	-9,821.89	2,372.27	1,906.76	465.51	5.096						
16,800.00	7,321.00	14,699.31	7,235.18	250.50	234.76	88.22	-3,147.77	-9,847.18	2,372.31	1,905.55	466.75	5.083						
16,900.00	7,321.00	14,808.81	7,231.02	252.97	237.65	88.12	-3,147.63	-9,956.60	2,372.62	1,899.86	472.75	5.019						
17,000.00	7,321.00	14,906.96	7,227.38	255.44	240.25	88.03	-3,148.48	-10,054.68	2,371.92	1,894.01	477.90	4.963						
17,007.90	7,321.00	14,911.80	7,227.17	255.63	240.38	88.02	-3,148.49	-10,059.52	2,371.91	1,893.82	478.09	4.961						
17,100.00	7,321.00	14,960.00	7,224.85	257.91	241.66	87.97	-3,148.28	-10,107.66	2,372.63	1,893.04	479.58	4.947						
17,200.00	7,321.00	15,016.35	7,221.21	260.39	243.14	87.88	-3,147.03	-10,163.87	2,375.24	1,893.90	481.34	4.935						
17,300.00	7,321.00	15,159.88	7,208.04	262.88	246.91	87.57	-3,142.06	-10,306.71	2,379.57	1,889.59	489.98	4.856						
17,400.00	7,321.00	15,266.45	7,197.38	265.37	249.71	87.31	-3,140.70	-10,412.73	2,381.33	1,885.68	495.65	4.804						
17,500.00	7,321.00	15,368.46	7,188.94	267.87	252.40	87.11	-3,139.23	-10,514.37	2,383.22	1,882.22	501.00	4.757						
17,600.00	7,321.00	15,523.57	7,176.69	270.37	256.50	86.82	-3,139.63	-10,669.00	2,383.29	1,872.99	510.30	4.670						
17,700.00	7,321.00	15,625.19	7,167.98	272.88	259.19	86.61	-3,140.96	-10,770.23	2,382.50	1,866.91	515.59	4.621						
17,762.28	7,321.00	15,669.00	7,164.22	274.45	260.35	86.52	-3,141.54	-10,813.88	2,382.09	1,864.62	517.46	4.603 SF						
17,800.00	7,321.00	15,669.00	7,164.22	275.40	260.35	86.52	-3,141.54	-10,813.88	2,382.38	1,865.81	516.58	4.612						
17,900.00	7,321.00	15,669.00	7,164.22	277.91	260.35	86.52	-3,141.54	-10,813.88	2,386.06	1,872.42	513.65	4.645						
18,000.00	7,321.00	15,669.00	7,164.22	280.43	260.35	86.52	-3,141.54	-10,813.88	2,393.92	1,884.03	509.88	4.695						
18,100.00	7,321.00	15,669.00	7,164.22	282.97	260.35	86.50	-3,141.54	-10,813.88	2,407.02	1,901.69	505.33	4.763						
18,200.00	7,321.00	15,669.00	7,164.22	285.53	260.35	86.48	-3,141.54	-10,813.88	2,427.53	1,927.45	500.07	4.854						
18,300.00	7,321.00	15,669.00	7,164.22	288.11	260.35	86.44	-3,141.54	-10,813.88	2,455.28	1,961.06	494.22	4.968						
18,400.00	7,321.00	15,669.00	7,164.22	290.70	260.35	86.39	-3,141.54	-10,813.88	2,490.02	2,002.12	487.90	5.104						
18,500.00	7,321.00	15,669.00	7,164.22	293.30	260.35	86.34	-3,141.54	-10,813.88	2,531.40	2,050.17	481.23	5.260						
18,600.00	7,321.00	15,669.00	7,164.22	295.90	260.35	86.33	-3,141.54	-10,813.88	2,577.94	2,103.64	474.30	5.435						
18,700.00	7,321.00	15,669.00	7,164.22	298.50	260.35	86.33	-3,141.54	-10,813.88	2,627.49	2,160.37	467.12	5.625						
18,800.00	7,321.00	15,669.00	7,164.22	301.11	260.35	86.33	-3,141.54	-10,813.88	2,679.85	2,220.09	459.77	5.829						
18,900.00	7,321.00	15,669.00	7,164.22	303.72	260.35	86.33	-3,141.54	-10,813.88	2,734.88	2,282.59	452.29	6.047						
19,000.00	7,321.00	15,669.00	7,164.22	306.32	260.35	86.33	-3,141.54	-10,813.88	2,792.39	2,347.65	444.74	6.279						
19,100.00	7,321.00	15,669.00	7,164.22	308.93	260.35	86.33	-3,141.54	-10,813.88	2,852.26	2,415.08	437.18	6.524						
19,200.00	7,321.00	15,669.00	7,164.22	311.54	260.35	86.33	-3,141.54	-10,813.88	2,914.33	2,484.70	429.63	6.783						
19,300.00	7,321.00	15,669.00	7,164.22	314.16	260.35	86.33	-3,141.54	-10,813.88	2,978.46	2,556.33	422.13	7.056						
19,400.00	7,321.00	15,669.00	7,164.22	316.77	260.35	86.33	-3,141.54	-10,813.88	3,044.53	2,629.81	414.72	7.341						
19,500.00	7,321.00	15,669.00	7,164.22	319.38	260.35	86.33	-3,141.54	-10,813.88	3,112.41	2,704.99	407.42	7.639						
19,600.00	7,321.00	15,669.00	7,164.22	322.00	260.35	86.33	-3,141.54	-10,813.88	3,181.98	2,781.74	400.24	7.950						
19,700.00	7,321.00	15,669.00	7,164.22	324.61	260.35	86.33	-3,141.54	-10,813.88	3,253.14	2,859.93	393.21	8.273						

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-15-3N - 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	
19,800.00	7,321.00	15,669.00	7,164.22	327.23	260.35	86.43	-3,141.54	-10,813.88	3,325.10	2,938.84	386.26	8.608	
19,900.00	7,321.00	15,669.00	7,164.22	329.85	260.35	86.55	-3,141.54	-10,813.88	3,396.16	3,016.93	379.24	8.955	
20,000.00	7,321.00	15,669.00	7,164.22	332.46	260.35	86.67	-3,141.54	-10,813.88	3,466.24	3,094.11	372.13	9.315	
20,100.00	7,321.00	15,669.00	7,164.22	335.06	260.35	86.78	-3,141.54	-10,813.88	3,535.30	3,170.35	364.95	9.687	
20,200.00	7,321.00	15,669.00	7,164.22	337.65	260.35	86.88	-3,141.54	-10,813.88	3,603.32	3,245.63	357.69	10.074	
20,300.00	7,321.00	15,669.00	7,164.22	340.22	260.35	86.92	-3,141.54	-10,813.88	3,670.72	3,320.32	350.40	10.476	
20,400.00	7,321.00	15,669.00	7,164.22	342.79	260.35	86.92	-3,141.54	-10,813.88	3,739.36	3,396.11	343.26	10.894	
20,500.00	7,321.00	15,669.00	7,164.22	345.37	260.35	86.92	-3,141.54	-10,813.88	3,809.39	3,473.12	336.28	11.328	
20,600.00	7,321.00	15,669.00	7,164.22	347.95	260.35	86.92	-3,141.54	-10,813.88	3,880.74	3,551.26	329.48	11.779	
20,700.00	7,321.00	15,669.00	7,164.22	350.53	260.35	86.92	-3,141.54	-10,813.88	3,953.33	3,630.48	322.85	12.245	
20,800.00	7,321.00	15,669.00	7,164.22	353.11	260.35	86.92	-3,141.54	-10,813.88	4,027.09	3,710.69	316.40	12.728	
20,900.00	7,321.00	15,669.00	7,164.22	355.70	260.35	86.92	-3,141.54	-10,813.88	4,101.96	3,791.83	310.13	13.226	
20,976.29	7,321.00	15,669.00	7,164.22	357.67	260.35	86.92	-3,141.54	-10,813.88	4,159.79	3,854.32	305.47	13.618	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	144.09	144.04	0.27	0.22	-169.82	-1,354.41	-243.33	1,377.24	1,376.75	0.49	2,833.651		
200.00	200.00	199.42	199.36	0.63	0.43	-169.81	-1,353.37	-243.36	1,375.13	1,374.07	1.06	1,303.379		
236.90	236.90	225.00	224.95	0.76	0.51	-169.81	-1,353.29	-243.36	1,375.00	1,373.73	1.27	1,080.015		
300.00	300.00	285.59	285.54	0.99	0.72	-169.80	-1,353.40	-243.45	1,375.13	1,373.42	1.71	804.467		
400.00	400.00	381.98	381.93	1.34	1.06	-169.78	-1,353.53	-244.13	1,375.38	1,372.97	2.41	571.602		
500.00	499.98	479.13	479.06	1.69	1.41	-17.25	-1,353.82	-245.72	1,374.30	1,371.20	3.09	444.108		
600.00	599.84	592.87	592.79	2.03	1.81	-17.30	-1,353.90	-247.12	1,369.61	1,365.78	3.84	356.757		
700.00	699.45	670.96	670.88	2.38	2.09	-17.40	-1,353.98	-247.71	1,361.56	1,357.10	4.46	305.264		
800.00	798.70	749.29	749.20	2.75	2.36	-17.58	-1,355.55	-248.20	1,351.99	1,346.90	5.09	265.727		
900.00	897.47	831.68	831.53	3.15	2.66	-17.79	-1,358.25	-249.14	1,340.46	1,334.72	5.74	233.623		
1,000.00	995.62	915.26	914.99	3.57	2.96	-17.99	-1,361.65	-252.07	1,326.83	1,320.42	6.40	207.244		
1,100.00	1,093.06	998.76	998.26	4.03	3.26	-18.18	-1,365.71	-256.71	1,311.04	1,303.96	7.08	185.228		
1,200.00	1,189.64	1,082.00	1,081.07	4.53	3.57	-18.32	-1,370.41	-263.63	1,293.19	1,285.43	7.77	166.541		
1,300.00	1,285.27	1,159.37	1,157.75	5.08	3.87	-18.41	-1,375.41	-272.61	1,273.45	1,265.00	8.45	150.774		
1,400.00	1,379.82	1,228.72	1,226.19	5.66	4.15	-18.47	-1,380.81	-282.44	1,252.23	1,243.11	9.11	137.438		
1,500.00	1,473.17	1,296.78	1,293.09	6.30	4.44	-18.55	-1,387.65	-292.89	1,230.13	1,220.34	9.79	125.693		
1,600.00	1,565.21	1,367.00	1,361.72	6.98	4.74	-18.60	-1,396.04	-305.16	1,207.03	1,196.54	10.49	115.091		
1,700.00	1,655.84	1,444.31	1,436.83	7.72	5.10	-18.64	-1,406.49	-320.21	1,182.60	1,171.35	11.24	105.170		
1,800.00	1,744.94	1,515.93	1,505.96	8.51	5.45	-18.66	-1,417.19	-335.50	1,156.73	1,144.73	12.00	96.392		
1,900.00	1,832.39	1,594.44	1,581.04	9.35	5.86	-18.62	-1,430.22	-354.43	1,129.76	1,116.94	12.81	88.184		
2,000.00	1,918.11	1,683.47	1,666.01	10.25	6.35	-18.60	-1,445.43	-376.19	1,100.24	1,086.53	13.70	80.292		
2,100.00	2,001.97	1,762.00	1,740.40	11.19	6.80	-18.58	-1,459.85	-396.81	1,069.08	1,054.52	14.56	73.406		
2,200.00	2,083.88	1,831.59	1,805.48	12.20	7.24	-18.51	-1,473.44	-417.32	1,036.61	1,021.19	15.41	67.260		
2,300.00	2,163.74	1,901.06	1,869.59	13.25	7.70	-18.35	-1,487.69	-439.99	1,002.86	986.58	16.28	61.606		
2,400.00	2,241.45	1,970.73	1,933.05	14.35	8.19	-18.16	-1,503.56	-463.96	968.59	951.42	17.17	56.425		
2,500.00	2,316.92	2,048.00	2,002.63	15.51	8.77	-17.85	-1,521.78	-492.18	932.72	914.61	18.12	51.483		
2,600.00	2,390.05	2,116.84	2,063.54	16.71	9.34	-17.48	-1,538.82	-519.35	895.87	876.84	19.04	47.054		
2,700.00	2,460.76	2,198.86	2,134.63	17.96	10.05	-16.86	-1,560.61	-553.95	858.50	838.45	20.05	42.820		
2,800.00	2,528.98	2,283.04	2,207.62	19.26	10.80	-16.18	-1,583.19	-589.30	818.52	797.44	21.08	38.828		
2,900.00	2,596.24	2,358.28	2,272.55	20.59	11.50	-15.37	-1,604.55	-620.75	778.98	756.94	22.04	35.343		
3,000.00	2,663.50	2,430.00	2,333.38	21.92	12.18	-14.44	-1,626.09	-652.04	741.87	718.93	22.94	32.334		
3,100.00	2,730.76	2,516.39	2,405.83	23.25	13.05	-13.18	-1,653.15	-690.54	706.68	682.76	23.92	29.539		
3,200.00	2,798.02	2,625.00	2,497.70	24.60	14.13	-11.55	-1,687.06	-737.49	671.24	646.22	25.02	26.824		
3,300.00	2,865.28	2,692.32	2,554.40	25.94	14.83	-10.44	-1,708.53	-766.75	636.84	611.04	25.80	24.682		
3,400.00	2,932.54	2,782.01	2,628.72	27.30	15.76	-8.77	-1,738.80	-806.80	605.28	578.60	26.68	22.685		
3,500.00	2,999.80	2,872.85	2,704.16	28.65	16.74	-6.92	-1,769.29	-847.17	574.03	546.49	27.54	20.842		
3,600.00	3,067.06	2,970.63	2,784.25	30.01	17.81	-4.34	-1,800.74	-893.60	543.88	515.50	28.38	19.164		
3,700.00	3,134.32	3,059.50	2,857.71	31.37	18.79	-1.83	-1,829.04	-934.84	513.84	484.68	29.16	17.623		
3,800.00	3,201.59	3,156.58	2,937.06	32.73	19.88	1.42	-1,859.82	-981.54	485.97	455.95	30.02	16.189		
3,900.00	3,268.85	3,245.40	3,010.60	34.09	20.87	4.60	-1,887.44	-1,022.98	458.14	427.24	30.90	14.825		
4,000.00	3,336.11	3,335.31	3,083.78	35.46	21.89	8.34	-1,915.95	-1,066.76	434.03	402.06	31.97	13.578		
4,100.00	3,403.37	3,444.79	3,174.54	36.83	23.10	13.13	-1,950.39	-1,117.35	410.02	376.38	33.64	12.188		
4,200.00	3,470.63	3,535.71	3,251.58	38.20	24.08	17.34	-1,978.51	-1,156.58	385.40	349.97	35.43	10.879		
4,300.00	3,537.89	3,615.98	3,318.46	39.57	24.96	21.52	-2,004.09	-1,192.85	365.74	328.22	37.51	9.750		
4,400.00	3,605.15	3,706.56	3,392.35	40.94	25.99	26.80	-2,033.21	-1,236.41	352.08	311.52	40.56	8.681		
4,500.00	3,672.41	3,814.22	3,482.29	42.31	27.18	33.43	-2,066.88	-1,285.04	338.78	293.89	44.89	7.546		
4,600.00	3,739.67	3,906.89	3,560.74	43.68	28.17	39.36	-2,096.11	-1,324.77	327.38	277.91	49.47	6.618		
4,700.00	3,806.93	3,991.04	3,631.69	45.06	29.08	45.34	-2,120.92	-1,362.59	321.82	267.30	54.53	5.902		
4,724.95	3,823.72	4,011.61	3,648.91	45.40	29.31	46.85	-2,126.83	-1,372.16	321.59	265.75	55.84	5.759 CC		
4,800.00	3,874.19	4,075.73	3,702.23	46.43	30.02	51.59	-2,145.11	-1,402.74	323.73	263.79	59.93	5.401 ES		
4,900.00	3,941.46	4,167.87	3,778.52	47.81	31.07	58.10	-2,172.17	-1,446.74	331.26	265.73	65.53	5.055		
5,000.00	4,008.72	4,259.29	3,853.91	49.18	32.11	64.10	-2,199.80	-1,490.45	343.49	272.81	70.68	4.860		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
5,100.00	4,075.98	4,355.94	3,933.69	50.56	33.21	69.92	-2,229.82	-1,536.01	358.96	283.39	75.57	4.750		
5,200.00	4,143.24	4,452.28	4,013.51	51.94	34.30	75.23	-2,260.06	-1,580.68	377.06	297.14	79.92	4.718		
5,300.00	4,210.50	4,553.28	4,099.23	53.31	35.38	80.68	-2,290.70	-1,624.43	395.68	311.64	84.04	4.708		
5,400.00	4,277.76	4,635.11	4,168.49	54.69	36.26	84.72	-2,315.05	-1,660.55	418.23	331.39	86.84	4.816		
5,500.00	4,345.02	4,733.29	4,251.68	56.07	37.32	89.12	-2,344.16	-1,703.80	443.28	353.33	89.95	4.928		
5,600.00	4,412.28	4,820.90	4,325.39	57.45	38.27	92.53	-2,370.91	-1,742.89	470.41	378.13	92.28	5.098		
5,700.00	4,479.54	4,925.65	4,413.63	58.83	39.41	96.15	-2,403.91	-1,788.65	497.91	402.84	95.07	5.237		
5,800.00	4,546.80	5,008.00	4,481.59	60.21	40.34	98.43	-2,431.26	-1,826.23	527.07	430.22	96.85	5.442		
5,900.00	4,614.07	5,103.48	4,558.65	61.59	41.48	100.50	-2,464.25	-1,871.95	557.80	458.66	99.14	5.627		
6,000.00	4,681.33	5,209.48	4,646.36	62.97	42.68	102.91	-2,500.18	-1,919.36	587.50	485.88	101.62	5.781		
6,100.00	4,748.59	5,295.00	4,717.02	64.35	43.64	104.65	-2,529.13	-1,957.84	618.11	514.80	103.30	5.983		
6,200.00	4,815.85	5,389.40	4,793.88	65.73	44.75	106.22	-2,561.75	-2,001.87	649.77	544.43	105.34	6.169		
6,300.00	4,883.11	5,491.65	4,877.97	67.11	45.91	107.88	-2,597.26	-2,047.94	680.82	573.28	107.54	6.331		
6,400.00	4,950.37	5,564.28	4,938.01	68.49	46.75	109.02	-2,621.99	-2,080.48	712.74	604.04	108.70	6.557		
6,500.00	5,017.63	5,641.01	5,000.80	69.87	47.63	110.04	-2,646.42	-2,117.18	748.14	638.17	109.97	6.803		
6,600.00	5,084.89	5,739.59	5,083.29	71.25	48.72	111.49	-2,676.11	-2,162.25	784.23	672.30	111.93	7.006		
6,700.00	5,152.15	5,832.41	5,163.65	72.63	49.67	113.12	-2,702.65	-2,200.34	819.65	706.23	113.42	7.227		
6,800.00	5,219.41	5,914.20	5,235.24	74.02	50.48	114.55	-2,724.56	-2,233.27	856.67	742.23	114.45	7.485		
6,900.00	5,286.67	6,004.78	5,313.41	75.40	51.41	115.86	-2,749.96	-2,271.33	894.00	778.13	115.86	7.716		
7,000.00	5,353.94	6,065.59	5,364.55	76.78	52.09	116.50	-2,766.92	-2,299.49	933.57	817.16	116.40	8.020		
7,100.00	5,421.20	6,167.74	5,449.86	78.16	53.22	117.43	-2,794.47	-2,348.44	974.78	856.23	118.55	8.222		
7,200.00	5,488.46	6,265.53	5,532.03	79.55	54.32	118.31	-2,821.82	-2,393.83	1,014.68	894.20	120.49	8.422		
7,300.00	5,555.72	6,352.29	5,602.53	80.93	55.36	118.78	-2,847.64	-2,437.30	1,054.63	932.36	122.26	8.626		
7,400.00	5,622.98	6,445.29	5,677.51	82.31	56.47	119.18	-2,875.45	-2,484.75	1,094.83	970.51	124.32	8.807		
7,500.00	5,690.24	6,596.52	5,801.91	83.69	58.22	120.04	-2,923.06	-2,556.30	1,132.34	1,004.24	128.10	8.839		
7,600.00	5,757.50	6,689.75	5,880.93	85.08	59.23	120.78	-2,953.21	-2,595.48	1,167.39	1,037.64	129.74	8.998		
7,700.00	5,824.76	6,770.10	5,950.01	86.46	60.06	121.47	-2,977.93	-2,628.26	1,203.50	1,072.56	130.94	9.191		
7,800.00	5,892.02	6,866.18	6,031.23	87.84	61.09	122.12	-3,008.35	-2,669.58	1,239.79	1,107.11	132.68	9.344		
7,900.00	5,959.28	6,946.18	6,097.85	89.23	61.99	122.53	-3,033.89	-2,705.76	1,276.68	1,142.58	134.10	9.520		
8,000.00	6,026.55	7,043.48	6,178.73	90.61	63.09	122.99	-3,064.81	-2,750.12	1,313.89	1,177.85	136.04	9.658		
8,100.00	6,093.81	7,144.75	6,263.84	91.99	64.20	123.53	-3,097.00	-2,794.59	1,350.64	1,212.64	138.00	9.787		
8,200.00	6,161.07	7,229.00	6,334.98	93.38	65.11	123.98	-3,123.76	-2,830.92	1,387.28	1,247.83	139.45	9.948		
8,300.00	6,228.33	7,306.71	6,400.24	94.76	65.97	124.34	-3,148.11	-2,865.36	1,424.75	1,283.98	140.77	10.121		
8,400.00	6,295.59	7,412.16	6,488.25	96.14	67.15	124.76	-3,180.94	-2,913.29	1,462.79	1,319.85	142.94	10.234		
8,500.00	6,362.85	7,482.02	6,546.78	97.53	67.92	125.04	-3,202.62	-2,944.66	1,500.80	1,356.73	144.07	10.417		
8,600.00	6,430.11	7,554.54	6,608.16	98.91	68.71	125.36	-3,223.82	-2,976.95	1,540.31	1,395.09	145.22	10.607		
8,700.00	6,497.37	7,638.64	6,679.92	100.29	69.61	125.75	-3,247.51	-3,013.86	1,580.67	1,434.00	146.66	10.777		
8,800.00	6,564.63	7,730.34	6,757.48	101.68	70.60	126.10	-3,273.73	-3,055.15	1,621.02	1,472.64	148.38	10.925		
8,900.00	6,631.89	7,801.00	6,818.05	103.06	71.35	126.42	-3,293.23	-3,085.87	1,661.95	1,512.53	149.42	11.123		
9,000.00	6,699.15	7,801.00	6,818.05	104.45	71.35	126.42	-3,293.23	-3,085.87	1,706.03	1,557.78	148.25	11.508		
9,100.00	6,766.42	7,858.56	6,866.93	105.83	71.99	126.62	-3,307.18	-3,112.80	1,751.63	1,602.73	148.90	11.764		
9,200.00	6,833.68	7,896.00	6,897.50	107.22	72.41	126.65	-3,314.64	-3,133.08	1,801.25	1,652.37	148.88	12.098		
9,300.00	6,900.94	7,896.00	6,897.50	108.60	72.41	126.65	-3,314.64	-3,133.08	1,853.71	1,706.48	147.23	12.591		
9,400.00	6,968.20	7,941.80	6,933.28	109.98	73.01	126.59	-3,322.24	-3,160.63	1,908.35	1,760.70	147.65	12.925		
9,500.00	7,035.46	7,992.00	6,970.15	111.37	73.67	126.39	-3,328.89	-3,194.01	1,965.99	1,817.60	148.39	13.249		
9,600.00	7,101.31	7,992.00	6,970.15	112.79	73.67	116.05	-3,328.89	-3,194.01	2,022.67	1,876.29	146.38	13.818		
9,700.00	7,161.49	8,045.04	7,006.22	114.30	74.47	105.09	-3,334.77	-3,232.42	2,072.67	1,925.61	147.07	14.094		
9,800.00	7,214.06	8,107.52	7,044.60	115.85	75.45	96.94	-3,341.26	-3,281.27	2,113.93	1,965.72	148.21	14.263		
9,900.00	7,257.41	8,227.60	7,102.93	117.39	77.59	91.30	-3,357.70	-3,384.70	2,142.80	1,989.54	153.25	13.982		
10,000.00	7,290.24	8,304.71	7,129.96	118.87	79.09	87.65	-3,369.67	-3,455.88	2,159.53	2,003.88	155.65	13.874		
10,100.00	7,311.53	8,374.00	7,148.10	120.23	80.48	85.86	-3,380.42	-3,521.86	2,164.40	2,006.80	157.60	13.734		
10,200.00	7,320.66	8,410.80	7,155.46	121.43	81.23	85.71	-3,385.60	-3,557.53	2,158.30	2,000.99	157.31	13.720		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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						
10,300.00	7,321.00	8,469.00	7,163.94	122.51	82.42	86.10	-3,391.79	-3,614.76	2,146.31	1,987.72	158.59	13.534						
10,400.00	7,321.00	8,518.11	7,169.23	123.62	83.43	86.23	-3,396.14	-3,663.40	2,135.95	1,976.78	159.18	13.419						
10,500.00	7,321.00	8,564.00	7,173.76	124.77	84.37	86.34	-3,400.55	-3,708.85	2,126.57	1,967.10	159.48	13.335						
10,600.00	7,321.00	8,630.53	7,179.03	125.95	85.74	86.48	-3,405.68	-3,774.96	2,118.91	1,957.59	161.32	13.135						
10,700.00	7,321.00	8,678.71	7,181.65	127.17	86.73	86.55	-3,407.61	-3,823.03	2,114.45	1,952.74	161.71	13.075						
10,800.00	7,321.00	8,755.00	7,185.13	128.43	88.29	86.64	-3,409.45	-3,899.22	2,111.76	1,947.46	164.30	12.853						
10,900.00	7,321.00	8,827.43	7,187.24	129.72	89.78	86.69	-3,410.39	-3,971.61	2,110.28	1,943.68	166.60	12.667						
11,000.00	7,321.00	8,945.38	7,187.14	131.05	92.24	86.69	-3,411.78	-4,089.54	2,109.18	1,936.65	172.53	12.225						
11,100.00	7,321.00	9,067.16	7,186.59	132.41	94.84	86.67	-3,414.91	-4,211.28	2,106.63	1,927.80	178.83	11.780						
11,200.00	7,321.00	9,154.71	7,185.98	133.81	96.73	86.65	-3,417.21	-4,298.80	2,104.09	1,921.65	182.43	11.533						
11,300.00	7,321.00	9,241.88	7,184.21	135.25	98.63	86.60	-3,419.02	-4,385.93	2,102.16	1,916.13	186.02	11.301						
11,400.00	7,321.00	9,337.96	7,182.38	136.72	100.74	86.54	-3,420.56	-4,481.98	2,100.71	1,910.34	190.37	11.035						
11,500.00	7,321.00	9,521.96	7,183.04	138.22	104.88	86.55	-3,426.63	-4,665.85	2,097.56	1,895.69	201.87	10.391						
11,600.00	7,321.00	9,573.01	7,182.89	139.76	106.04	86.54	-3,428.81	-4,716.85	2,093.31	1,890.58	202.72	10.326						
11,700.00	7,321.00	9,632.61	7,180.04	141.34	107.40	86.46	-3,430.16	-4,776.37	2,091.28	1,887.12	204.17	10.243						
11,800.00	7,321.00	9,793.37	7,171.29	142.94	111.08	86.22	-3,433.48	-4,936.84	2,090.18	1,876.37	213.81	9.776						
11,900.00	7,321.00	9,997.00	7,170.96	144.58	115.88	86.19	-3,447.14	-5,139.95	2,083.43	1,856.60	226.83	9.185						
12,000.00	7,321.00	10,044.99	7,171.54	146.25	117.03	86.19	-3,451.31	-5,187.75	2,075.18	1,847.50	227.68	9.115						
12,100.00	7,321.00	10,093.00	7,171.87	147.95	118.17	86.20	-3,453.42	-5,235.71	2,070.30	1,841.88	228.42	9.064						
12,200.00	7,321.00	10,217.86	7,172.94	149.67	121.16	86.22	-3,459.89	-5,360.38	2,064.97	1,829.58	235.39	8.773						
12,300.00	7,321.00	10,283.00	7,173.06	151.43	122.72	86.22	-3,461.81	-5,425.49	2,061.52	1,824.01	237.51	8.680						
12,400.00	7,321.00	10,379.00	7,173.37	153.22	125.02	86.22	-3,464.33	-5,521.45	2,058.88	1,816.71	242.17	8.502						
12,500.00	7,321.00	10,447.41	7,172.93	155.04	126.67	86.20	-3,466.62	-5,589.81	2,055.82	1,811.30	244.52	8.407						
12,600.00	7,321.00	10,524.98	7,170.30	156.88	128.54	86.13	-3,467.55	-5,667.33	2,054.79	1,807.20	247.59	8.299						
12,661.85	7,321.00	10,571.00	7,168.55	158.04	129.65	86.08	-3,468.05	-5,713.31	2,054.37	1,805.05	249.31	8.240						
12,700.00	7,321.00	10,597.66	7,167.48	158.75	130.29	86.05	-3,468.16	-5,739.95	2,054.37	1,804.15	250.22	8.210						
12,800.00	7,321.00	10,666.00	7,164.35	160.65	131.93	85.97	-3,466.82	-5,808.20	2,056.37	1,803.93	252.44	8.146						
12,900.00	7,321.00	10,749.52	7,160.18	162.57	133.94	85.85	-3,464.72	-5,891.59	2,059.21	1,803.24	255.97	8.045						
13,000.00	7,321.00	10,858.00	7,155.09	164.51	136.56	85.72	-3,462.47	-5,999.93	2,061.63	1,799.93	261.70	7.878						
13,100.00	7,321.00	10,966.04	7,153.05	166.48	139.19	85.67	-3,459.92	-6,107.90	2,064.18	1,796.71	267.47	7.717						
13,200.00	7,321.00	11,069.29	7,152.53	168.48	141.73	85.66	-3,457.97	-6,211.14	2,066.13	1,793.27	272.86	7.572						
13,300.00	7,321.00	11,164.39	7,150.85	170.49	144.07	85.61	-3,456.02	-6,306.21	2,068.34	1,790.81	277.53	7.453						
13,400.00	7,321.00	11,280.49	7,150.77	172.52	146.94	85.62	-3,454.17	-6,422.28	2,069.93	1,785.86	284.08	7.287						
13,500.00	7,321.00	11,335.00	7,151.03	174.58	148.29	85.62	-3,453.36	-6,476.79	2,071.87	1,786.68	285.19	7.265						
13,600.00	7,321.00	11,404.89	7,150.93	176.66	150.02	85.63	-3,451.09	-6,546.64	2,075.47	1,787.86	287.61	7.216						
13,700.00	7,321.00	11,559.71	7,150.35	178.75	153.86	85.62	-3,445.30	-6,701.33	2,079.29	1,781.57	297.72	6.984						
13,800.00	7,321.00	11,782.93	7,150.69	180.87	159.49	85.64	-3,443.88	-6,924.46	2,081.43	1,768.10	313.32	6.643						
13,900.00	7,321.00	11,886.48	7,151.63	183.00	162.13	85.65	-3,447.95	-7,027.92	2,077.45	1,758.65	318.80	6.516						
14,000.00	7,321.00	11,981.45	7,151.46	185.15	164.55	85.64	-3,451.33	-7,122.84	2,073.95	1,750.38	323.58	6.409						
14,100.00	7,321.00	12,063.43	7,151.24	187.32	166.65	85.63	-3,453.93	-7,204.77	2,070.86	1,743.56	327.30	6.327						
14,200.00	7,321.00	12,158.00	7,150.36	189.50	169.07	85.60	-3,456.15	-7,299.31	2,068.61	1,736.58	332.03	6.230						
14,300.00	7,321.00	12,279.46	7,147.97	191.70	172.19	85.53	-3,459.73	-7,420.70	2,065.87	1,726.93	338.95	6.095						
14,400.00	7,321.00	12,357.04	7,146.88	193.92	174.18	85.49	-3,462.11	-7,498.23	2,062.98	1,720.67	342.30	6.027						
14,500.00	7,321.00	12,469.02	7,147.79	196.15	177.06	85.51	-3,464.59	-7,610.17	2,060.77	1,712.25	348.53	5.913						
14,600.00	7,321.00	12,531.20	7,148.58	198.39	178.66	85.53	-3,465.90	-7,672.33	2,058.70	1,708.07	350.63	5.872						
14,640.50	7,321.00	12,553.75	7,149.38	199.30	179.24	85.55	-3,465.97	-7,694.87	2,058.47	1,707.24	351.23	5.861						
14,700.00	7,321.00	12,593.61	7,151.37	200.65	180.27	85.61	-3,465.63	-7,734.68	2,058.73	1,706.05	352.68	5.837						
14,800.00	7,321.00	12,681.63	7,156.13	202.92	182.53	85.74	-3,464.31	-7,822.55	2,059.86	1,702.89	356.97	5.770						
14,900.00	7,321.00	12,774.75	7,161.61	205.20	184.93	85.90	-3,462.47	-7,915.50	2,061.43	1,699.72	361.71	5.699						
15,000.00	7,321.00	12,868.55	7,164.17	207.50	187.34	85.97	-3,460.51	-8,009.23	2,063.35	1,696.88	366.47	5.630						
15,100.00	7,321.00	12,973.89	7,163.70	209.80	190.06	85.97	-3,458.55	-8,114.55	2,065.27	1,693.06	372.21	5.549						
15,200.00	7,321.00	13,069.72	7,162.34	212.12	192.53	85.93	-3,457.03	-8,210.36	2,066.99	1,689.90	377.09	5.481						

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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				
15,300.00	7,321.00	13,191.17	7,159.70	214.45	195.67	85.86	-3,454.66	-8,331.74	2,069.27	1,685.06	384.20	5.386				
15,400.00	7,321.00	13,327.38	7,160.21	216.79	199.21	85.88	-3,455.26	-8,467.92	2,068.65	1,676.06	392.59	5.269				
15,500.00	7,321.00	13,429.17	7,163.35	219.15	201.87	85.96	-3,455.86	-8,569.65	2,067.87	1,669.78	398.09	5.195				
15,600.00	7,321.00	13,580.66	7,166.80	221.51	205.83	86.05	-3,458.58	-8,721.07	2,066.06	1,658.42	407.64	5.068				
15,700.00	7,321.00	13,733.53	7,163.92	223.88	209.84	85.96	-3,466.17	-8,873.71	2,061.18	1,644.26	416.93	4.944				
15,800.00	7,321.00	13,818.69	7,161.84	226.26	212.07	85.89	-3,470.89	-8,958.71	2,055.82	1,634.78	421.04	4.883				
15,900.00	7,321.00	13,944.73	7,158.93	228.65	215.39	85.79	-3,479.48	-9,084.43	2,049.03	1,620.83	428.20	4.785				
16,000.00	7,321.00	14,005.00	7,158.11	231.04	216.97	85.76	-3,482.88	-9,144.59	2,043.52	1,613.05	430.47	4.747				
16,100.00	7,321.00	14,061.87	7,157.42	233.45	218.47	85.74	-3,484.93	-9,201.42	2,040.04	1,607.72	432.31	4.719				
16,200.00	7,321.00	14,121.53	7,156.38	235.86	220.03	85.71	-3,485.87	-9,261.07	2,038.61	1,604.40	434.22	4.695				
16,226.60	7,321.00	14,138.56	7,156.09	236.51	220.48	85.70	-3,485.93	-9,278.09	2,038.55	1,603.75	434.80	4.688				
16,300.00	7,321.00	14,196.00	7,155.20	238.28	221.99	85.67	-3,485.56	-9,335.52	2,039.07	1,601.79	437.28	4.663				
16,400.00	7,321.00	14,311.51	7,153.37	240.71	225.02	85.62	-3,485.12	-9,451.01	2,039.62	1,595.71	443.91	4.595				
16,500.00	7,321.00	14,395.50	7,150.90	243.15	227.22	85.56	-3,484.87	-9,534.97	2,040.15	1,592.38	447.77	4.556				
16,600.00	7,321.00	14,525.05	7,146.78	245.59	230.63	85.44	-3,485.58	-9,664.45	2,039.78	1,584.23	455.55	4.478				
16,700.00	7,321.00	14,658.80	7,141.40	248.05	234.15	85.28	-3,487.42	-9,798.08	2,038.92	1,575.37	463.54	4.399				
16,800.00	7,321.00	14,738.69	7,138.15	250.50	236.26	85.19	-3,489.35	-9,877.88	2,036.93	1,569.82	467.11	4.361				
16,900.00	7,321.00	14,877.30	7,131.23	252.97	239.91	84.99	-3,492.70	-10,016.26	2,035.08	1,559.69	475.39	4.281				
17,000.00	7,321.00	14,959.00	7,126.71	255.44	242.07	84.85	-3,495.25	-10,097.80	2,032.47	1,553.37	479.10	4.242				
17,100.00	7,321.00	15,047.53	7,119.56	257.91	244.40	84.65	-3,497.58	-10,186.00	2,030.60	1,547.35	483.25	4.202				
17,200.00	7,321.00	15,187.38	7,106.12	260.39	248.07	84.26	-3,502.38	-10,325.12	2,028.21	1,536.87	491.34	4.128				
17,300.00	7,321.00	15,277.29	7,098.32	262.88	250.44	84.02	-3,506.98	-10,414.58	2,024.10	1,528.52	495.59	4.084				
17,400.00	7,321.00	15,340.00	7,092.60	265.37	252.09	83.86	-3,508.45	-10,477.00	2,022.44	1,524.80	497.64	4.064				
17,500.00	7,321.00	15,451.52	7,083.21	267.87	255.03	83.59	-3,510.55	-10,588.10	2,021.58	1,518.00	503.59	4.014				
17,600.00	7,321.00	15,535.33	7,076.09	270.37	257.24	83.38	-3,512.55	-10,671.58	2,020.20	1,512.92	507.28	3.982				
17,700.00	7,321.00	15,635.69	7,066.80	272.88	259.88	83.11	-3,514.69	-10,771.49	2,019.20	1,506.93	512.27	3.942				
17,757.19	7,321.00	15,673.00	7,063.31	274.32	260.87	83.01	-3,515.49	-10,808.63	2,018.74	1,505.28	513.46	3.932 SF				
17,800.00	7,321.00	15,673.00	7,063.31	275.40	260.87	83.01	-3,515.49	-10,808.63	2,019.19	1,507.31	511.88	3.945				
17,900.00	7,321.00	15,673.00	7,063.31	277.91	260.87	83.01	-3,515.49	-10,808.63	2,023.79	1,516.42	507.37	3.989				
18,000.00	7,321.00	15,673.00	7,063.31	280.43	260.87	83.01	-3,515.49	-10,808.63	2,033.29	1,531.57	501.72	4.053				
18,100.00	7,321.00	15,673.00	7,063.31	282.97	260.87	82.98	-3,515.49	-10,808.63	2,048.75	1,553.71	495.04	4.139				
18,200.00	7,321.00	15,673.00	7,063.31	285.53	260.87	82.92	-3,515.49	-10,808.63	2,072.22	1,584.74	487.49	4.251				
18,300.00	7,321.00	15,673.00	7,063.31	288.11	260.87	82.84	-3,515.49	-10,808.63	2,103.49	1,624.24	479.25	4.389				
18,400.00	7,321.00	15,673.00	7,063.31	290.70	260.87	82.73	-3,515.49	-10,808.63	2,142.16	1,671.64	470.52	4.553				
18,500.00	7,321.00	15,673.00	7,063.31	293.30	260.87	82.60	-3,515.49	-10,808.63	2,187.80	1,726.29	461.51	4.741				
18,600.00	7,321.00	15,673.00	7,063.31	295.90	260.87	82.58	-3,515.49	-10,808.63	2,238.85	1,786.52	452.33	4.950				
18,700.00	7,321.00	15,673.00	7,063.31	298.50	260.87	82.58	-3,515.49	-10,808.63	2,293.15	1,850.15	443.00	5.176				
18,800.00	7,321.00	15,673.00	7,063.31	301.11	260.87	82.58	-3,515.49	-10,808.63	2,350.46	1,916.86	433.59	5.421				
18,900.00	7,321.00	15,673.00	7,063.31	303.72	260.87	82.58	-3,515.49	-10,808.63	2,410.55	1,986.35	424.19	5.683				
19,000.00	7,321.00	15,673.00	7,063.31	306.32	260.87	82.58	-3,515.49	-10,808.63	2,473.22	2,058.36	414.87	5.961				
19,100.00	7,321.00	15,673.00	7,063.31	308.93	260.87	82.58	-3,515.49	-10,808.63	2,538.29	2,132.63	405.67	6.257				
19,200.00	7,321.00	15,673.00	7,063.31	311.54	260.87	82.58	-3,515.49	-10,808.63	2,605.58	2,208.94	396.63	6.569				
19,300.00	7,321.00	15,673.00	7,063.31	314.16	260.87	82.58	-3,515.49	-10,808.63	2,674.91	2,287.11	387.80	6.898				
19,400.00	7,321.00	15,673.00	7,063.31	316.77	260.87	82.58	-3,515.49	-10,808.63	2,746.13	2,366.93	379.20	7.242				
19,500.00	7,321.00	15,673.00	7,063.31	319.38	260.87	82.58	-3,515.49	-10,808.63	2,819.10	2,448.26	370.84	7.602				
19,600.00	7,321.00	15,673.00	7,063.31	322.00	260.87	82.58	-3,515.49	-10,808.63	2,893.68	2,530.95	362.74	7.977				
19,700.00	7,321.00	15,673.00	7,063.31	324.61	260.87	82.58	-3,515.49	-10,808.63	2,969.77	2,614.86	354.90	8.368				
19,800.00	7,321.00	15,673.00	7,063.31	327.23	260.87	82.81	-3,515.49	-10,808.63	3,046.60	2,699.36	347.25	8.774				
19,900.00	7,321.00	15,673.00	7,063.31	329.85	260.87	83.10	-3,515.49	-10,808.63	3,122.63	2,783.08	339.55	9.196				
20,000.00	7,321.00	15,673.00	7,063.31	332.46	260.87	83.37	-3,515.49	-10,808.63	3,197.77	2,865.96	331.81	9.637				
20,100.00	7,321.00	15,673.00	7,063.31	335.06	260.87	83.62	-3,515.49	-10,808.63	3,271.99	2,947.96	324.03	10.098				
20,200.00	7,321.00	15,673.00	7,063.31	337.65	260.87	83.85	-3,515.49	-10,808.63	3,345.25	3,029.05	316.21	10.579				

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	15,673.00	7,063.31	340.22	260.87	83.95	-3,515.49	-10,808.63	3,417.95	3,109.55	308.40	11.083	
20,400.00	7,321.00	15,673.00	7,063.31	342.79	260.87	83.95	-3,515.49	-10,808.63	3,491.80	3,190.98	300.82	11.608	
20,500.00	7,321.00	15,673.00	7,063.31	345.37	260.87	83.95	-3,515.49	-10,808.63	3,566.93	3,273.42	293.50	12.153	
20,600.00	7,321.00	15,673.00	7,063.31	347.95	260.87	83.95	-3,515.49	-10,808.63	3,643.25	3,356.81	286.44	12.719	
20,700.00	7,321.00	15,673.00	7,063.31	350.53	260.87	83.95	-3,515.49	-10,808.63	3,720.69	3,441.06	279.63	13.306	
20,800.00	7,321.00	15,673.00	7,063.31	353.11	260.87	83.95	-3,515.49	-10,808.63	3,799.19	3,526.12	273.06	13.913	
20,900.00	7,321.00	15,673.00	7,063.31	355.70	260.87	83.95	-3,515.49	-10,808.63	3,878.67	3,611.93	266.74	14.541	
20,976.29	7,321.00	15,673.00	7,063.31	357.67	260.87	83.95	-3,515.49	-10,808.63	3,939.94	3,677.86	262.08	15.034	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	102.14	102.13	0.27	0.15	-170.76	-1,378.14	-224.17	1,396.32	1,395.91	0.41	3,383.545		
200.00	200.00	200.10	200.08	0.63	0.43	-170.81	-1,377.28	-222.73	1,395.23	1,394.16	1.06	1,314.854		
295.65	295.65	283.68	283.66	0.97	0.72	-170.82	-1,376.91	-222.43	1,394.77	1,393.07	1.69	823.002		
300.00	300.00	287.40	287.38	0.99	0.74	-170.81	-1,376.91	-222.45	1,394.77	1,393.04	1.72	809.442		
400.00	400.00	388.61	388.58	1.34	1.08	-170.78	-1,376.95	-223.55	1,394.98	1,392.55	2.43	574.362		
500.00	499.98	488.60	488.56	1.69	1.43	-18.27	-1,376.60	-224.86	1,393.19	1,390.07	3.12	446.388		
600.00	599.84	575.22	575.18	2.03	1.74	-18.32	-1,376.76	-225.78	1,388.58	1,384.81	3.76	368.892		
700.00	699.45	656.30	656.22	2.38	2.02	-18.38	-1,377.70	-227.79	1,381.85	1,377.45	4.40	314.294		
800.00	798.70	738.59	738.43	2.75	2.32	-18.44	-1,379.64	-231.03	1,373.21	1,368.17	5.04	272.367		
900.00	897.47	821.71	821.40	3.15	2.62	-18.53	-1,382.38	-235.10	1,362.38	1,356.68	5.70	239.062		
1,000.00	995.62	891.00	890.48	3.57	2.87	-18.63	-1,385.44	-239.52	1,349.71	1,343.40	6.31	213.815		
1,100.00	1,093.06	963.82	962.93	4.03	3.14	-18.73	-1,390.01	-245.31	1,335.81	1,328.86	6.95	192.176		
1,200.00	1,189.64	1,036.38	1,034.88	4.53	3.42	-18.83	-1,396.20	-252.26	1,320.99	1,313.39	7.60	173.799		
1,300.00	1,285.27	1,114.15	1,111.74	5.08	3.74	-18.92	-1,403.93	-261.25	1,304.61	1,296.32	8.29	157.455		
1,400.00	1,379.82	1,191.76	1,188.24	5.66	4.06	-19.04	-1,412.66	-270.98	1,286.45	1,277.46	8.99	143.145		
1,500.00	1,473.17	1,272.00	1,266.85	6.30	4.41	-19.13	-1,423.06	-283.21	1,267.05	1,257.34	9.72	130.369		
1,600.00	1,565.21	1,337.62	1,330.70	6.98	4.71	-19.19	-1,432.55	-295.01	1,246.28	1,235.87	10.41	119.714		
1,700.00	1,655.84	1,407.89	1,398.65	7.72	5.06	-19.23	-1,443.61	-309.07	1,224.12	1,212.98	11.15	109.825		
1,800.00	1,744.94	1,475.79	1,463.67	8.51	5.41	-19.23	-1,455.69	-324.44	1,201.18	1,189.29	11.89	101.021		
1,900.00	1,832.39	1,556.00	1,539.84	9.35	5.86	-19.19	-1,471.27	-344.17	1,177.03	1,164.30	12.72	92.501		
2,000.00	1,918.11	1,638.43	1,617.51	10.25	6.35	-19.12	-1,488.21	-365.96	1,151.15	1,137.55	13.60	84.635		
2,100.00	2,001.97	1,712.42	1,687.06	11.19	6.81	-19.12	-1,503.96	-385.68	1,123.01	1,108.55	14.46	77.688		
2,200.00	2,083.88	1,780.42	1,750.33	12.20	7.25	-19.14	-1,519.99	-404.78	1,094.15	1,078.86	15.30	71.522		
2,300.00	2,163.74	1,858.00	1,821.49	13.25	7.79	-19.07	-1,539.40	-428.79	1,064.22	1,048.00	16.22	65.604		
2,400.00	2,241.45	1,928.01	1,884.78	14.35	8.32	-18.96	-1,557.80	-452.40	1,033.07	1,015.94	17.13	60.301		
2,500.00	2,316.92	2,007.58	1,955.76	15.51	8.96	-18.75	-1,579.69	-480.91	1,000.61	982.49	18.12	55.212		
2,600.00	2,390.05	2,083.64	2,022.85	16.71	9.60	-18.50	-1,601.15	-509.63	966.37	947.25	19.11	50.565		
2,700.00	2,460.76	2,143.00	2,074.39	17.96	10.11	-18.32	-1,618.76	-533.21	931.32	911.33	19.99	46.584		
2,800.00	2,528.98	2,221.84	2,141.27	19.26	10.87	-17.82	-1,643.30	-566.96	895.56	874.53	21.03	42.583		
2,900.00	2,596.24	2,325.45	2,227.78	20.59	11.90	-16.69	-1,676.05	-613.63	860.00	837.78	22.22	38.697		
3,000.00	2,663.50	2,395.81	2,286.83	21.92	12.61	-15.92	-1,698.50	-644.61	824.63	801.47	23.17	35.594		
3,100.00	2,730.76	2,494.99	2,369.29	23.25	13.63	-14.78	-1,732.21	-688.18	791.51	767.22	24.29	32.587		
3,200.00	2,798.02	2,574.45	2,436.12	24.60	14.45	-13.88	-1,758.65	-722.07	757.49	732.24	25.25	29.998		
3,300.00	2,865.28	2,658.53	2,505.42	25.94	15.33	-12.81	-1,788.91	-758.82	726.65	700.45	26.20	27.732		
3,400.00	2,932.54	2,751.82	2,583.30	27.30	16.33	-11.67	-1,822.12	-797.98	695.06	667.85	27.20	25.549		
3,500.00	2,999.80	2,824.45	2,642.76	28.65	17.11	-10.67	-1,849.61	-829.37	666.48	638.48	28.00	23.805		
3,600.00	3,067.06	2,922.39	2,722.28	30.01	18.20	-9.19	-1,887.54	-872.12	639.45	610.50	28.95	22.087		
3,700.00	3,134.32	3,026.96	2,808.28	31.37	19.34	-7.65	-1,927.79	-915.94	611.66	581.72	29.94	20.428		
3,800.00	3,201.59	3,132.72	2,895.34	32.73	20.50	-5.66	-1,966.24	-962.04	583.13	552.27	30.86	18.896		
3,900.00	3,268.85	3,236.47	2,982.44	34.09	21.61	-3.55	-2,001.75	-1,005.81	552.25	520.51	31.75	17.394		
4,000.00	3,336.11	3,328.34	3,059.03	35.46	22.60	-1.26	-2,032.52	-1,046.16	522.46	489.93	32.53	16.061		
4,100.00	3,403.37	3,421.90	3,137.45	36.83	23.62	1.31	-2,063.41	-1,086.76	492.82	459.46	33.36	14.772		
4,200.00	3,470.63	3,516.40	3,215.89	38.20	24.65	4.38	-2,094.56	-1,129.26	465.29	431.01	34.28	13.572		
4,300.00	3,537.89	3,615.84	3,299.95	39.57	25.72	7.95	-2,125.62	-1,172.35	436.50	401.05	35.45	12.313		
4,400.00	3,605.15	3,706.01	3,375.46	40.94	26.69	11.71	-2,153.98	-1,212.67	410.64	373.80	36.83	11.149		
4,500.00	3,672.41	3,805.32	3,459.87	42.31	27.75	16.23	-2,184.55	-1,255.12	384.79	346.00	38.79	9.919		
4,600.00	3,739.67	3,891.35	3,532.76	43.68	28.66	20.44	-2,212.19	-1,291.50	361.93	320.83	41.10	8.806		
4,700.00	3,806.93	3,976.05	3,603.66	45.06	29.58	24.99	-2,240.32	-1,328.31	343.50	299.45	44.05	7.798		
4,800.00	3,874.19	4,056.78	3,669.79	46.43	30.50	29.72	-2,267.88	-1,365.52	331.25	283.61	47.64	6.953		
4,900.00	3,941.46	4,145.66	3,741.24	47.81	31.56	35.10	-2,299.40	-1,407.97	324.94	272.75	52.19	6.227		
4,989.74	4,001.81	4,227.89	3,806.73	49.04	32.56	40.05	-2,329.39	-1,447.62	323.23	266.44	56.79	5.692 CC		
5,000.00	4,008.72	4,237.31	3,814.21	49.18	32.67	40.62	-2,332.85	-1,452.18	323.25	265.92	57.34	5.638		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
5,100.00	4,075.98	4,331.08	3,888.43	50.56	33.82	46.13	-2,367.90	-1,497.52	325.52	262.70	62.82	5.182		
5,200.00	4,143.24	4,427.90	3,964.69	51.94	35.00	51.42	-2,405.60	-1,543.75	330.79	262.42	68.37	4.838		
5,300.00	4,210.50	4,537.17	4,051.90	53.31	36.31	57.15	-2,448.52	-1,593.64	336.71	262.39	74.32	4.531		
5,400.00	4,277.76	4,648.65	4,144.88	54.69	37.52	63.40	-2,489.56	-1,639.41	340.35	259.98	80.37	4.235 ES		
5,500.00	4,345.02	4,740.12	4,222.87	56.07	38.48	68.84	-2,520.88	-1,675.48	345.94	260.34	85.60	4.041		
5,600.00	4,412.28	4,829.12	4,297.99	57.45	39.43	73.75	-2,552.26	-1,711.44	355.81	265.67	90.14	3.947		
5,700.00	4,479.54	4,913.00	4,366.85	58.83	40.37	77.73	-2,583.25	-1,747.94	371.07	277.28	93.79	3.956		
5,800.00	4,546.80	5,008.00	4,444.14	60.21	41.47	81.74	-2,619.02	-1,790.02	389.06	291.63	97.43	3.993		
5,900.00	4,614.07	5,090.56	4,511.22	61.59	42.44	84.96	-2,649.58	-1,827.19	409.84	309.70	100.14	4.093		
6,000.00	4,681.33	5,191.43	4,593.17	62.97	43.62	88.60	-2,685.45	-1,873.80	433.80	330.40	103.40	4.195		
6,100.00	4,748.59	5,306.74	4,689.99	64.35	44.87	92.88	-2,725.94	-1,921.50	455.50	348.65	106.85	4.263		
6,200.00	4,815.85	5,390.00	4,761.09	65.73	45.73	95.93	-2,754.30	-1,954.25	477.93	369.19	108.74	4.395		
6,300.00	4,883.11	5,458.21	4,818.86	67.11	46.47	98.19	-2,776.22	-1,983.14	505.28	395.57	109.71	4.605		
6,400.00	4,950.37	5,542.34	4,888.88	68.49	47.40	100.56	-2,801.88	-2,022.06	537.46	426.24	111.22	4.832		
6,500.00	5,017.63	5,632.01	4,963.74	69.87	48.42	102.86	-2,829.03	-2,063.29	570.61	457.69	112.93	5.053		
6,600.00	5,084.89	5,728.20	5,041.79	71.25	49.53	104.67	-2,859.95	-2,110.24	604.94	489.93	115.01	5.260		
6,700.00	5,152.15	5,836.40	5,131.73	72.63	50.76	106.82	-2,894.50	-2,159.43	637.94	520.51	117.43	5.432		
6,800.00	5,219.41	5,938.36	5,218.00	74.02	51.84	108.87	-2,927.43	-2,202.66	669.54	550.21	119.33	5.611		
6,900.00	5,286.67	6,028.60	5,296.31	75.40	52.75	110.85	-2,955.18	-2,237.87	701.21	580.66	120.55	5.817		
7,000.00	5,353.94	6,122.92	5,379.19	76.78	53.67	112.90	-2,982.57	-2,273.59	734.44	612.69	121.75	6.032		
7,100.00	5,421.20	6,241.81	5,481.81	78.16	54.87	115.00	-3,021.29	-2,319.46	765.89	642.11	123.78	6.188		
7,200.00	5,488.46	6,333.40	5,559.14	79.55	55.85	116.25	-3,053.90	-2,356.09	796.01	670.85	125.16	6.360		
7,300.00	5,555.72	6,426.80	5,636.66	80.93	56.87	117.24	-3,087.48	-2,395.93	827.31	700.57	126.74	6.528		
7,400.00	5,622.98	6,513.28	5,709.93	82.31	57.79	118.30	-3,117.67	-2,430.56	858.68	730.73	127.95	6.711		
7,500.00	5,690.24	6,588.44	5,773.98	83.69	58.58	119.19	-3,142.60	-2,460.97	891.97	763.20	128.77	6.927		
7,600.00	5,757.50	6,661.37	5,836.54	85.08	59.33	120.03	-3,165.22	-2,490.85	927.55	798.09	129.46	7.165		
7,700.00	5,824.76	6,750.35	5,912.64	86.46	60.27	120.95	-3,192.15	-2,528.29	964.45	833.72	130.73	7.377		
7,800.00	5,892.02	6,835.37	5,983.93	87.84	61.21	121.60	-3,218.39	-2,566.45	1,001.99	869.91	132.08	7.586		
7,900.00	5,959.28	6,966.85	6,091.82	89.23	62.71	122.29	-3,261.99	-2,627.62	1,038.16	902.92	135.24	7.676		
8,000.00	6,026.55	7,075.29	6,184.07	90.61	63.85	123.20	-3,298.24	-2,671.51	1,072.23	935.14	137.09	7.822		
8,100.00	6,093.81	7,216.60	6,307.36	91.99	65.23	124.71	-3,346.67	-2,720.63	1,104.00	964.85	139.15	7.934		
8,200.00	6,161.07	7,302.95	6,379.77	93.38	66.15	125.29	-3,379.64	-2,754.19	1,133.66	993.21	140.45	8.072		
8,300.00	6,228.33	7,367.41	6,433.40	94.76	66.85	125.65	-3,403.60	-2,780.71	1,165.09	1,023.79	141.31	8.245		
8,400.00	6,295.59	7,420.00	6,477.26	96.14	67.43	125.91	-3,421.87	-2,803.26	1,199.42	1,057.66	141.76	8.461		
8,500.00	6,362.85	7,503.71	6,547.38	97.53	68.36	126.31	-3,449.34	-2,839.79	1,235.65	1,092.52	143.13	8.633		
8,600.00	6,430.11	7,617.26	6,641.01	98.91	69.65	126.68	-3,487.16	-2,891.68	1,272.02	1,126.42	145.60	8.737		
8,700.00	6,497.37	7,702.78	6,709.76	100.29	70.69	126.80	-3,516.80	-2,933.01	1,307.79	1,160.40	147.39	8.873		
8,800.00	6,564.63	7,785.23	6,777.73	101.68	71.62	127.05	-3,544.28	-2,970.69	1,344.14	1,195.28	148.87	9.029		
8,900.00	6,631.89	7,867.15	6,847.57	103.06	72.50	127.47	-3,570.03	-3,004.88	1,381.29	1,231.21	150.09	9.203		
9,000.00	6,699.15	7,936.94	6,906.43	104.45	73.27	127.75	-3,591.67	-3,035.49	1,419.44	1,268.40	151.04	9.398		
9,100.00	6,766.42	7,993.00	6,952.92	105.83	73.90	127.89	-3,608.45	-3,061.94	1,459.45	1,307.83	151.62	9.625		
9,200.00	6,833.68	8,047.78	6,997.18	107.22	74.57	127.91	-3,624.07	-3,090.17	1,501.69	1,349.39	152.30	9.860		
9,300.00	6,900.94	8,088.00	7,028.62	108.60	75.07	127.85	-3,634.91	-3,112.79	1,546.44	1,394.05	152.38	10.148		
9,400.00	6,968.20	8,146.12	7,071.46	109.98	75.89	127.58	-3,649.88	-3,149.05	1,593.37	1,439.84	153.53	10.378		
9,500.00	7,035.46	8,204.99	7,110.84	111.37	76.77	127.10	-3,664.44	-3,190.29	1,642.50	1,487.54	154.95	10.600		
9,600.00	7,101.31	8,279.00	7,156.44	112.79	77.96	117.02	-3,683.45	-3,245.38	1,689.49	1,532.16	157.33	10.738		
9,700.00	7,161.49	8,343.84	7,192.30	114.30	79.09	106.75	-3,700.09	-3,296.75	1,728.39	1,569.42	158.97	10.873		
9,800.00	7,214.06	8,400.83	7,219.85	115.85	80.11	99.13	-3,713.83	-3,344.68	1,758.86	1,598.98	159.89	11.001		
9,900.00	7,257.41	8,470.00	7,249.04	117.39	81.40	93.83	-3,729.71	-3,405.33	1,779.63	1,618.10	161.53	11.017		
10,000.00	7,290.24	8,506.66	7,262.53	118.87	82.10	90.52	-3,737.41	-3,438.54	1,790.65	1,629.95	160.70	11.143		
10,100.00	7,311.53	8,565.00	7,280.75	120.23	83.22	89.06	-3,747.68	-3,492.98	1,792.75	1,631.34	161.41	11.107		
10,200.00	7,320.66	8,603.23	7,290.27	121.43	83.97	89.19	-3,753.51	-3,529.54	1,784.98	1,624.43	160.54	11.118		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
10,300.00	7,321.00	8,661.00	7,300.42	122.51	85.11	89.72	-3,761.96	-3,585.76	1,770.58	1,609.30	161.29	10.978		
10,400.00	7,321.00	8,718.58	7,308.03	123.62	86.24	89.97	-3,769.16	-3,642.38	1,758.20	1,596.22	161.98	10.854		
10,500.00	7,321.00	8,771.19	7,314.98	124.77	87.28	90.20	-3,774.05	-3,694.29	1,748.78	1,586.60	162.18	10.783		
10,600.00	7,321.00	8,851.00	7,322.00	125.95	88.85	90.43	-3,779.80	-3,773.57	1,741.53	1,576.77	164.76	10.570		
10,700.00	7,321.00	8,893.81	7,324.19	127.17	89.69	90.50	-3,781.95	-3,816.27	1,736.34	1,572.37	163.97	10.589		
10,800.00	7,321.00	8,947.00	7,326.49	128.43	90.73	90.58	-3,783.17	-3,869.39	1,734.04	1,569.99	164.05	10.570		
10,887.31	7,321.00	9,016.35	7,328.66	129.55	92.08	90.65	-3,783.46	-3,938.71	1,733.70	1,567.46	166.24	10.429		
10,900.00	7,321.00	9,027.13	7,328.90	129.72	92.29	90.66	-3,783.46	-3,949.48	1,733.70	1,567.08	166.62	10.405		
11,000.00	7,321.00	9,159.32	7,328.98	131.05	94.91	90.66	-3,784.35	-4,081.65	1,733.12	1,559.01	174.12	9.954		
11,100.00	7,321.00	9,287.19	7,326.56	132.41	97.52	90.58	-3,787.84	-4,209.45	1,730.36	1,549.13	181.23	9.548		
11,200.00	7,321.00	9,368.22	7,324.43	133.81	99.20	90.51	-3,790.45	-4,290.41	1,727.22	1,543.21	184.00	9.387		
11,294.78	7,321.00	9,424.00	7,323.07	135.17	100.36	90.47	-3,791.18	-4,346.17	1,726.06	1,541.42	184.64	9.348		
11,300.00	7,321.00	9,424.00	7,323.07	135.25	100.36	90.47	-3,791.18	-4,346.17	1,726.06	1,541.69	184.37	9.362		
11,400.00	7,321.00	9,483.82	7,322.51	136.72	101.60	90.45	-3,790.50	-4,405.98	1,727.35	1,542.25	185.10	9.332		
11,500.00	7,321.00	9,557.50	7,323.74	138.22	103.13	90.49	-3,787.66	-4,479.59	1,731.12	1,543.93	187.19	9.248		
11,600.00	7,321.00	9,735.81	7,328.00	139.76	106.91	90.63	-3,783.74	-4,657.79	1,733.65	1,533.99	199.66	8.683		
11,700.00	7,321.00	9,891.88	7,331.97	141.34	110.36	90.76	-3,786.53	-4,813.77	1,732.07	1,522.23	209.84	8.254		
11,800.00	7,321.00	9,972.21	7,334.29	142.94	112.16	90.84	-3,789.19	-4,894.02	1,728.87	1,516.05	212.82	8.124		
11,900.00	7,321.00	10,040.46	7,335.91	144.58	113.69	90.89	-3,790.36	-4,962.25	1,727.26	1,512.64	214.62	8.048		
11,931.07	7,321.00	10,060.68	7,336.12	145.09	114.15	90.90	-3,790.43	-4,982.47	1,727.16	1,512.09	215.07	8.031		
12,000.00	7,321.00	10,119.19	7,336.02	146.25	115.46	90.90	-3,790.07	-5,040.97	1,727.57	1,510.16	217.40	7.946		
12,100.00	7,321.00	10,250.86	7,335.06	147.95	118.45	90.86	-3,790.58	-5,172.63	1,727.19	1,501.81	225.38	7.663		
12,200.00	7,321.00	10,452.12	7,338.78	149.67	123.14	90.99	-3,798.88	-5,373.65	1,723.22	1,483.36	239.86	7.184		
12,300.00	7,321.00	10,577.14	7,339.13	151.43	126.12	91.01	-3,808.93	-5,498.26	1,715.17	1,468.10	247.08	6.942		
12,400.00	7,321.00	10,628.64	7,339.23	153.22	127.35	91.02	-3,812.56	-5,549.63	1,708.10	1,460.47	247.63	6.898		
12,500.00	7,321.00	10,667.00	7,339.80	155.04	128.26	91.04	-3,814.42	-5,587.94	1,703.82	1,457.06	246.75	6.905		
12,600.00	7,321.00	10,763.00	7,340.85	156.88	130.54	91.07	-3,816.32	-5,683.91	1,701.89	1,450.51	251.38	6.770		
12,632.52	7,321.00	10,763.00	7,340.85	157.49	130.54	91.07	-3,816.32	-5,683.91	1,701.57	1,451.79	249.79	6.812		
12,700.00	7,321.00	10,796.30	7,341.09	158.75	131.32	91.08	-3,816.00	-5,717.20	1,702.26	1,452.54	249.72	6.817		
12,800.00	7,321.00	10,858.00	7,342.54	160.65	132.76	91.13	-3,813.67	-5,778.84	1,705.83	1,455.04	250.79	6.802		
12,900.00	7,321.00	10,968.37	7,346.73	162.57	135.35	91.26	-3,808.58	-5,889.01	1,710.64	1,453.68	256.97	6.657		
13,000.00	7,321.00	11,087.63	7,351.98	164.51	138.19	91.44	-3,805.89	-6,008.12	1,712.90	1,448.83	264.07	6.486		
13,100.00	7,321.00	11,161.95	7,354.91	166.48	139.96	91.53	-3,803.42	-6,082.34	1,716.31	1,449.80	266.51	6.440		
13,200.00	7,321.00	11,276.00	7,355.91	168.48	142.69	91.56	-3,799.09	-6,196.29	1,720.20	1,447.11	273.09	6.299		
13,300.00	7,321.00	11,379.95	7,354.37	170.49	145.19	91.51	-3,796.44	-6,300.20	1,722.72	1,444.13	278.59	6.184		
13,400.00	7,321.00	11,498.07	7,350.06	172.52	148.05	91.36	-3,793.27	-6,418.19	1,725.38	1,439.84	285.53	6.043		
13,500.00	7,321.00	11,628.02	7,348.09	174.58	151.24	91.30	-3,792.74	-6,548.09	1,725.59	1,431.93	293.66	5.876		
13,600.00	7,321.00	11,731.55	7,347.59	176.66	153.80	91.28	-3,792.60	-6,651.63	1,725.74	1,426.58	299.15	5.769		
13,700.00	7,321.00	11,852.02	7,348.81	178.75	156.79	91.32	-3,793.46	-6,772.07	1,725.07	1,418.74	306.33	5.631		
13,800.00	7,321.00	11,946.46	7,349.30	180.87	159.15	91.34	-3,794.77	-6,866.51	1,723.75	1,412.79	310.96	5.543		
13,860.13	7,321.00	11,991.48	7,349.56	182.15	160.27	91.35	-3,794.98	-6,911.52	1,723.48	1,410.90	312.58	5.514		
13,900.00	7,321.00	12,022.72	7,349.81	183.00	161.05	91.36	-3,794.91	-6,942.77	1,723.59	1,409.80	313.79	5.493		
14,000.00	7,321.00	12,163.27	7,350.27	185.15	164.57	91.37	-3,795.35	-7,083.28	1,723.48	1,400.52	322.96	5.337		
14,100.00	7,321.00	12,331.74	7,353.60	187.32	168.85	91.49	-3,803.93	-7,251.47	1,717.66	1,383.14	334.52	5.135		
14,200.00	7,321.00	12,452.97	7,354.42	189.50	171.94	91.52	-3,811.28	-7,372.48	1,711.75	1,370.15	341.60	5.011		
14,300.00	7,321.00	12,535.65	7,355.39	191.70	174.05	91.56	-3,817.18	-7,454.93	1,704.76	1,359.48	345.28	4.937		
14,400.00	7,321.00	12,598.06	7,357.86	193.92	175.65	91.65	-3,820.43	-7,517.20	1,699.73	1,352.66	347.07	4.897		
14,500.00	7,321.00	12,671.00	7,360.42	196.15	177.51	91.74	-3,822.19	-7,590.08	1,697.24	1,347.51	349.73	4.853		
14,584.80	7,321.00	12,717.12	7,361.38	198.05	178.68	91.77	-3,822.38	-7,636.18	1,696.64	1,346.28	350.36	4.843		
14,600.00	7,321.00	12,729.33	7,361.52	198.39	178.99	91.77	-3,822.38	-7,648.40	1,696.66	1,345.80	350.86	4.836		
14,700.00	7,321.00	12,857.20	7,361.00	200.65	182.24	91.76	-3,822.59	-7,776.26	1,696.65	1,337.79	358.86	4.728		
14,800.00	7,321.00	12,957.00	7,358.48	202.92	184.79	91.67	-3,824.10	-7,876.01	1,695.09	1,331.02	364.07	4.656		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
14,866.99	7,321.00	12,999.39	7,356.90	204.45	185.87	91.62	-3,824.40	-7,918.37	1,694.58	1,329.45	365.13	4.641		
14,900.00	7,321.00	13,019.71	7,356.21	205.20	186.39	91.60	-3,824.31	-7,938.68	1,694.71	1,329.14	365.57	4.636		
15,000.00	7,321.00	13,165.24	7,358.50	207.50	190.11	91.67	-3,824.60	-8,084.07	1,694.80	1,319.44	375.36	4.515		
15,100.00	7,321.00	13,242.00	7,361.59	209.80	192.09	91.78	-3,825.46	-8,160.75	1,693.77	1,315.43	378.34	4.477		
15,200.00	7,321.00	13,363.23	7,363.78	212.12	195.21	91.86	-3,827.70	-8,281.94	1,691.89	1,306.19	385.70	4.387		
15,264.00	7,321.00	13,396.89	7,364.03	213.61	196.08	91.86	-3,828.03	-8,315.60	1,691.30	1,305.23	386.07	4.381		
15,300.00	7,321.00	13,433.00	7,363.95	214.45	197.01	91.86	-3,827.69	-8,351.70	1,691.65	1,303.67	387.98	4.360		
15,304.45	7,321.00	13,433.00	7,363.95	214.56	197.01	91.86	-3,827.69	-8,351.70	1,691.65	1,303.89	387.76	4.363		
15,400.00	7,321.00	13,500.24	7,362.89	216.79	198.73	91.82	-3,826.39	-8,418.93	1,693.25	1,303.36	389.88	4.343		
15,500.00	7,321.00	13,590.54	7,360.80	219.15	201.05	91.75	-3,824.45	-8,509.18	1,695.37	1,301.23	394.14	4.301		
15,600.00	7,321.00	13,685.84	7,360.54	221.51	203.50	91.74	-3,821.86	-8,604.43	1,698.10	1,299.17	398.92	4.257		
15,700.00	7,321.00	13,778.05	7,359.92	223.88	205.87	91.72	-3,819.20	-8,696.60	1,701.01	1,297.62	403.39	4.217		
15,800.00	7,321.00	13,871.99	7,360.85	226.26	208.28	91.74	-3,815.99	-8,790.48	1,704.48	1,296.44	408.04	4.177		
15,900.00	7,321.00	13,958.24	7,360.18	228.65	210.50	91.72	-3,812.70	-8,876.66	1,708.31	1,296.47	411.85	4.148		
16,000.00	7,321.00	14,062.31	7,357.05	231.04	213.18	91.61	-3,807.76	-8,980.57	1,713.02	1,295.43	417.59	4.102		
16,100.00	7,321.00	14,188.86	7,356.48	233.45	216.45	91.59	-3,803.67	-9,107.05	1,716.24	1,290.50	425.74	4.031		
16,200.00	7,321.00	14,305.30	7,356.89	235.86	219.48	91.60	-3,801.33	-9,223.46	1,718.28	1,285.51	432.77	3.970		
16,300.00	7,321.00	14,417.37	7,355.75	238.28	222.39	91.56	-3,799.64	-9,335.52	1,719.83	1,280.51	439.32	3.915		
16,400.00	7,321.00	14,548.51	7,356.56	240.71	225.82	91.59	-3,800.03	-9,466.65	1,719.49	1,271.77	447.72	3.841		
16,498.77	7,321.00	14,632.05	7,358.55	243.12	228.01	91.65	-3,800.69	-9,550.16	1,718.85	1,267.37	451.49	3.807		
16,500.00	7,321.00	14,632.98	7,358.57	243.15	228.03	91.65	-3,800.69	-9,551.08	1,718.85	1,267.33	451.52	3.807		
16,600.00	7,321.00	14,724.20	7,358.63	245.59	230.42	91.65	-3,800.22	-9,642.30	1,719.38	1,263.41	455.97	3.771		
16,700.00	7,321.00	14,821.99	7,355.25	248.05	232.97	91.54	-3,799.71	-9,740.03	1,719.83	1,258.77	461.06	3.730		
16,800.00	7,321.00	14,935.43	7,348.45	250.50	235.94	91.31	-3,798.94	-9,853.25	1,720.43	1,252.76	467.68	3.679		
16,900.00	7,321.00	15,037.94	7,342.09	252.97	238.62	91.10	-3,799.19	-9,955.56	1,720.09	1,246.88	473.21	3.635		
17,000.00	7,321.00	15,218.37	7,337.86	255.44	243.37	90.96	-3,803.86	-10,135.86	1,717.47	1,231.54	485.92	3.534		
17,100.00	7,321.00	15,334.30	7,335.07	257.91	246.43	90.87	-3,810.29	-10,251.57	1,711.89	1,219.30	492.59	3.475		
17,200.00	7,321.00	15,421.06	7,330.89	260.39	248.72	90.74	-3,815.04	-10,338.10	1,706.38	1,209.61	496.77	3.435		
17,300.00	7,321.00	15,514.37	7,325.10	262.88	251.18	90.54	-3,819.51	-10,431.12	1,701.54	1,200.07	501.47	3.393		
17,400.00	7,321.00	15,590.44	7,320.81	265.37	253.18	90.40	-3,822.62	-10,507.00	1,697.46	1,192.81	504.64	3.364		
17,500.00	7,321.00	15,679.94	7,314.33	267.87	255.54	90.18	-3,825.00	-10,596.24	1,694.76	1,185.81	508.95	3.330		
17,600.00	7,321.00	15,781.49	7,308.10	270.37	258.21	89.97	-3,827.82	-10,697.56	1,692.00	1,177.63	514.36	3.289		
17,700.00	7,321.00	15,880.07	7,299.95	272.88	260.80	89.69	-3,830.49	-10,795.76	1,689.34	1,169.87	519.46	3.252 SF		
17,759.25	7,321.00	15,895.00	7,298.68	274.37	261.20	89.65	-3,830.89	-10,810.63	1,688.36	1,170.04	518.32	3.257		
17,800.00	7,321.00	15,895.00	7,298.68	275.40	261.20	89.65	-3,830.89	-10,810.63	1,688.86	1,172.60	516.25	3.271		
17,900.00	7,321.00	15,895.00	7,298.68	277.91	261.20	89.65	-3,830.89	-10,810.63	1,694.22	1,184.22	510.00	3.322		
18,000.00	7,321.00	15,895.00	7,298.68	280.43	261.20	89.65	-3,830.89	-10,810.63	1,705.44	1,203.29	502.15	3.396		
18,100.00	7,321.00	15,895.00	7,298.68	282.97	261.20	89.65	-3,830.89	-10,810.63	1,723.51	1,230.64	492.88	3.497		
18,200.00	7,321.00	15,895.00	7,298.68	285.53	261.20	89.64	-3,830.89	-10,810.63	1,750.41	1,267.95	482.47	3.628		
18,300.00	7,321.00	15,895.00	7,298.68	288.11	261.20	89.64	-3,830.89	-10,810.63	1,785.78	1,314.54	471.24	3.790		
18,400.00	7,321.00	15,895.00	7,298.68	290.70	261.20	89.63	-3,830.89	-10,810.63	1,829.08	1,369.55	459.53	3.980		
18,500.00	7,321.00	15,895.00	7,298.68	293.30	261.20	89.63	-3,830.89	-10,810.63	1,879.71	1,432.05	447.66	4.199		
18,600.00	7,321.00	15,895.00	7,298.68	295.90	261.20	89.62	-3,830.89	-10,810.63	1,935.99	1,500.19	435.79	4.442		
18,700.00	7,321.00	15,895.00	7,298.68	298.50	261.20	89.62	-3,830.89	-10,810.63	1,995.72	1,571.77	423.95	4.707		
18,800.00	7,321.00	15,895.00	7,298.68	301.11	261.20	89.62	-3,830.89	-10,810.63	2,058.58	1,646.33	412.25	4.994		
18,900.00	7,321.00	15,895.00	7,298.68	303.72	261.20	89.62	-3,830.89	-10,810.63	2,124.29	1,723.52	400.77	5.301		
19,000.00	7,321.00	15,895.00	7,298.68	306.32	261.20	89.62	-3,830.89	-10,810.63	2,192.59	1,803.00	389.59	5.628		
19,100.00	7,321.00	15,895.00	7,298.68	308.93	261.20	89.62	-3,830.89	-10,810.63	2,263.25	1,884.50	378.75	5.976		
19,200.00	7,321.00	15,895.00	7,298.68	311.54	261.20	89.62	-3,830.89	-10,810.63	2,336.06	1,967.75	368.30	6.343		
19,300.00	7,321.00	15,895.00	7,298.68	314.16	261.20	89.62	-3,830.89	-10,810.63	2,410.81	2,052.56	358.25	6.729		
19,400.00	7,321.00	15,895.00	7,298.68	316.77	261.20	89.62	-3,830.89	-10,810.63	2,487.34	2,138.72	348.61	7.135		
19,500.00	7,321.00	15,895.00	7,298.68	319.38	261.20	89.62	-3,830.89	-10,810.63	2,565.48	2,226.09	339.40	7.559		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
19,600.00	7,321.00	15,895.00	7,298.68	322.00	261.20	89.62	-3,830.89	-10,810.63	2,645.10	2,314.51	330.59	8.001	
19,700.00	7,321.00	15,895.00	7,298.68	324.61	261.20	89.62	-3,830.89	-10,810.63	2,726.06	2,403.87	322.20	8.461	
19,800.00	7,321.00	15,895.00	7,298.68	327.23	261.20	89.64	-3,830.89	-10,810.63	2,807.68	2,493.60	314.08	8.939	
19,900.00	7,321.00	15,895.00	7,298.68	329.85	261.20	89.66	-3,830.89	-10,810.63	2,888.53	2,582.55	305.98	9.440	
20,000.00	7,321.00	15,895.00	7,298.68	332.46	261.20	89.67	-3,830.89	-10,810.63	2,968.54	2,670.65	297.89	9.965	
20,100.00	7,321.00	15,895.00	7,298.68	335.06	261.20	89.69	-3,830.89	-10,810.63	3,047.66	2,757.86	289.80	10.516	
20,200.00	7,321.00	15,895.00	7,298.68	337.65	261.20	89.70	-3,830.89	-10,810.63	3,125.88	2,844.16	281.72	11.096	
20,300.00	7,321.00	15,895.00	7,298.68	340.22	261.20	89.70	-3,830.89	-10,810.63	3,203.54	2,929.83	273.71	11.704	
20,400.00	7,321.00	15,895.00	7,298.68	342.79	261.20	89.70	-3,830.89	-10,810.63	3,282.23	3,016.21	266.03	12.338	
20,500.00	7,321.00	15,895.00	7,298.68	345.37	261.20	89.70	-3,830.89	-10,810.63	3,362.06	3,103.38	258.68	12.997	
20,600.00	7,321.00	15,895.00	7,298.68	347.95	261.20	89.70	-3,830.89	-10,810.63	3,442.94	3,191.27	251.66	13.681	
20,700.00	7,321.00	15,895.00	7,298.68	350.53	261.20	89.70	-3,830.89	-10,810.63	3,524.79	3,279.82	244.97	14.389	
20,800.00	7,321.00	15,895.00	7,298.68	353.11	261.20	89.70	-3,830.89	-10,810.63	3,607.57	3,368.98	238.58	15.121	
20,900.00	7,321.00	15,895.00	7,298.68	355.70	261.20	89.70	-3,830.89	-10,810.63	3,691.20	3,458.70	232.50	15.876	
20,976.29	7,321.00	15,895.00	7,298.68	357.67	261.20	89.70	-3,830.89	-10,810.63	3,755.53	3,527.48	228.04	16.469	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	98.48	98.48	0.27	0.14	-171.62	-1,399.34	-206.05	1,414.47	1,414.06	0.41	3,475.506		
200.00	200.00	205.60	205.58	0.63	0.45	-171.67	-1,398.33	-204.68	1,413.35	1,412.27	1.08	1,307.554		
300.00	300.00	301.51	301.47	0.99	0.80	-171.72	-1,397.33	-203.32	1,412.12	1,410.34	1.78	791.917		
374.66	374.66	361.70	361.66	1.25	1.01	-171.75	-1,397.06	-202.54	1,411.67	1,409.41	2.26	624.599		
400.00	400.00	380.92	380.89	1.34	1.07	-171.75	-1,397.11	-202.48	1,411.72	1,409.31	2.42	584.107		
500.00	499.98	464.99	464.95	1.69	1.36	-19.27	-1,398.02	-203.00	1,411.20	1,408.16	3.05	463.383		
600.00	599.84	552.12	552.05	2.03	1.66	-19.33	-1,399.62	-203.74	1,408.21	1,404.54	3.68	382.695		
700.00	699.45	630.44	630.33	2.38	1.93	-19.40	-1,401.82	-205.43	1,403.10	1,398.81	4.30	326.609		
800.00	798.70	700.00	699.76	2.75	2.17	-19.47	-1,405.00	-208.17	1,396.67	1,391.78	4.89	285.687		
900.00	897.47	778.38	777.83	3.15	2.46	-19.51	-1,409.78	-213.12	1,388.80	1,383.27	5.52	251.376		
1,000.00	995.62	851.74	850.70	3.57	2.73	-19.54	-1,415.19	-219.64	1,379.30	1,373.15	6.15	224.146		
1,100.00	1,093.06	932.15	930.32	4.03	3.04	-19.55	-1,422.45	-228.16	1,368.37	1,361.55	6.82	200.550		
1,200.00	1,189.64	1,013.18	1,010.41	4.53	3.37	-19.59	-1,430.37	-237.59	1,355.15	1,347.64	7.51	180.399		
1,300.00	1,285.27	1,082.00	1,078.02	5.08	3.66	-19.60	-1,438.24	-247.71	1,340.70	1,332.53	8.17	164.181		
1,400.00	1,379.82	1,147.50	1,141.96	5.66	3.95	-19.59	-1,447.02	-258.91	1,325.34	1,316.51	8.83	150.114		
1,500.00	1,473.17	1,219.47	1,211.82	6.30	4.30	-19.58	-1,458.15	-272.14	1,308.99	1,299.45	9.54	137.245		
1,600.00	1,565.21	1,293.72	1,283.54	6.98	4.67	-19.58	-1,470.83	-286.53	1,291.20	1,280.92	10.28	125.627		
1,700.00	1,655.84	1,367.00	1,353.84	7.72	5.05	-19.58	-1,484.61	-301.97	1,272.17	1,261.13	11.04	115.269		
1,800.00	1,744.94	1,436.15	1,419.54	8.51	5.45	-19.56	-1,498.73	-318.26	1,251.98	1,240.17	11.80	106.058		
1,900.00	1,832.39	1,526.05	1,504.14	9.35	6.00	-19.44	-1,518.10	-341.72	1,230.20	1,217.48	12.71	96.784		
2,000.00	1,918.11	1,604.16	1,577.50	10.25	6.49	-19.40	-1,535.21	-362.38	1,205.75	1,192.17	13.58	88.791		
2,100.00	2,001.97	1,667.00	1,636.07	11.19	6.90	-19.42	-1,550.20	-379.49	1,180.28	1,165.90	14.38	82.086		
2,200.00	2,083.88	1,749.79	1,712.35	12.20	7.49	-19.35	-1,571.17	-403.88	1,153.51	1,138.18	15.33	75.247		
2,300.00	2,163.74	1,817.59	1,773.84	13.25	8.00	-19.26	-1,589.21	-426.00	1,125.58	1,109.36	16.22	69.405		
2,400.00	2,241.45	1,882.12	1,831.42	14.35	8.52	-19.15	-1,607.66	-448.56	1,097.05	1,079.95	17.10	64.151		
2,500.00	2,316.92	1,953.00	1,893.61	15.51	9.12	-19.00	-1,629.84	-474.32	1,068.34	1,050.29	18.05	59.197		
2,600.00	2,390.05	2,010.82	1,943.59	16.71	9.64	-18.92	-1,649.39	-495.84	1,039.21	1,020.29	18.92	54.927		
2,700.00	2,460.76	2,080.06	2,002.65	17.96	10.29	-18.80	-1,674.26	-522.06	1,009.56	989.67	19.89	50.761		
2,800.00	2,528.98	2,143.00	2,055.51	19.26	10.90	-18.67	-1,697.95	-546.66	979.18	958.36	20.82	47.037		
2,900.00	2,596.24	2,225.22	2,123.10	20.59	11.75	-18.16	-1,730.03	-580.73	949.77	927.86	21.91	43.357		
3,000.00	2,663.50	2,301.12	2,183.99	21.92	12.57	-17.54	-1,760.54	-614.25	922.60	899.68	22.92	40.247		
3,100.00	2,730.76	2,397.00	2,259.99	23.25	13.64	-16.67	-1,800.11	-657.28	897.04	872.95	24.09	37.242		
3,200.00	2,798.02	2,483.56	2,329.12	24.60	14.63	-15.91	-1,835.88	-695.12	871.32	846.15	25.16	34.625		
3,300.00	2,865.28	2,576.54	2,401.96	25.94	15.70	-14.92	-1,874.97	-737.69	847.36	821.12	26.25	32.286		
3,400.00	2,932.54	2,687.07	2,489.94	27.30	16.97	-13.83	-1,921.03	-786.20	822.47	795.01	27.46	29.953		
3,500.00	2,999.80	2,803.11	2,584.33	28.65	18.26	-12.80	-1,968.46	-834.21	795.84	767.16	28.69	27.742		
3,600.00	3,067.06	2,901.11	2,664.55	30.01	19.35	-11.78	-2,006.74	-875.43	767.82	738.09	29.73	25.826		
3,700.00	3,134.32	2,999.47	2,744.24	31.37	20.48	-10.39	-2,043.49	-919.86	739.80	709.10	30.70	24.100		
3,800.00	3,201.59	3,108.49	2,833.68	32.73	21.70	-8.82	-2,083.44	-967.70	710.80	679.11	31.69	22.428		
3,900.00	3,268.85	3,193.00	2,903.26	34.09	22.64	-7.52	-2,114.30	-1,004.42	681.89	649.38	32.51	20.974		
4,000.00	3,336.11	3,275.70	2,970.39	35.46	23.60	-6.06	-2,145.02	-1,041.69	654.95	621.68	33.27	19.685		
4,100.00	3,403.37	3,376.93	3,051.98	36.83	24.78	-4.09	-2,182.98	-1,088.04	629.35	595.23	34.12	18.446		
4,200.00	3,470.63	3,488.28	3,143.57	38.20	26.03	-1.96	-2,224.24	-1,136.05	602.38	567.33	35.05	17.186		
4,300.00	3,537.89	3,568.55	3,209.59	39.57	26.93	-0.27	-2,253.88	-1,170.80	575.96	540.17	35.79	16.092		
4,400.00	3,605.15	3,686.22	3,307.24	40.94	28.23	2.44	-2,296.08	-1,221.05	548.89	512.06	36.83	14.903		
4,500.00	3,672.41	3,767.00	3,374.71	42.31	29.11	4.32	-2,325.73	-1,254.11	522.27	484.57	37.70	13.852		
4,600.00	3,739.67	3,855.12	3,447.35	43.68	30.09	6.61	-2,358.89	-1,291.37	498.26	459.52	38.74	12.863		
4,700.00	3,806.93	3,969.28	3,542.40	45.06	31.35	9.94	-2,400.28	-1,339.15	473.74	433.51	40.23	11.775		
4,800.00	3,874.19	4,057.51	3,616.39	46.43	32.30	13.00	-2,430.47	-1,376.53	449.24	407.44	41.79	10.749		
4,900.00	3,941.46	4,149.00	3,693.20	47.81	33.30	16.71	-2,460.24	-1,416.31	426.06	382.17	43.89	9.708		
5,000.00	4,008.72	4,227.85	3,758.57	49.18	34.19	20.22	-2,486.58	-1,451.66	406.96	360.66	46.30	8.790		
5,100.00	4,075.98	4,313.28	3,827.26	50.56	35.20	24.21	-2,517.30	-1,492.11	394.18	344.75	49.43	7.974		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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											
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	Warning					
5,200.00	4,143.24	4,406.24	3,901.44	51.94	36.32	28.61	-2,551.92	-1,536.15	384.91	331.53	53.37	7.212						
5,300.00	4,210.50	4,502.38	3,978.13	53.31	37.48	33.23	-2,588.36	-1,581.25	378.19	320.20	57.99	6.522						
5,400.00	4,277.76	4,617.17	4,071.22	54.69	38.82	38.88	-2,631.36	-1,632.80	371.98	308.21	63.77	5.833						
5,500.00	4,345.02	4,723.03	4,159.41	56.07	39.98	44.06	-2,671.41	-1,675.50	363.79	294.30	69.49	5.235						
5,600.00	4,412.28	4,805.32	4,227.07	57.45	40.90	47.83	-2,704.97	-1,708.17	358.51	283.96	74.55	4.809						
5,638.10	4,437.91	4,835.94	4,251.74	57.97	41.26	49.18	-2,717.86	-1,720.91	358.03	281.60	76.43	4.685 CC						
5,700.00	4,479.54	4,884.65	4,290.39	58.83	41.84	51.33	-2,738.49	-1,742.18	359.33	279.94	79.39	4.526						
5,800.00	4,546.80	4,991.77	4,374.80	60.21	43.13	55.98	-2,783.76	-1,790.13	364.45	279.27	85.19	4.278						
5,900.00	4,614.07	5,106.90	4,468.74	61.59	44.44	61.06	-2,831.85	-1,836.12	366.24	275.11	91.13	4.019 ES						
6,000.00	4,681.33	5,168.75	4,518.39	62.97	45.19	63.66	-2,857.91	-1,862.17	372.38	277.33	95.05	3.918						
6,100.00	4,748.59	5,253.30	4,583.10	64.35	46.25	66.87	-2,893.39	-1,903.41	387.39	288.22	99.17	3.906						
6,200.00	4,815.85	5,353.45	4,660.14	65.73	47.54	70.41	-2,935.67	-1,951.43	403.17	299.39	103.79	3.885						
6,300.00	4,883.11	5,455.54	4,737.66	67.11	48.85	73.42	-2,981.04	-1,999.97	419.50	311.47	108.03	3.883						
6,400.00	4,950.37	5,559.25	4,817.53	68.49	50.16	76.38	-3,027.06	-2,047.50	435.06	322.91	112.15	3.879						
6,500.00	5,017.63	5,653.55	4,890.91	69.87	51.34	79.00	-3,068.50	-2,089.81	450.77	335.06	115.71	3.896						
6,600.00	5,084.89	5,748.25	4,963.77	71.25	52.53	81.34	-3,110.31	-2,133.52	468.57	349.52	119.05	3.936						
6,700.00	5,152.15	5,857.15	5,048.55	72.63	53.88	83.97	-3,158.14	-2,182.33	486.01	363.23	122.78	3.958						
6,800.00	5,219.41	5,954.95	5,127.14	74.02	55.03	86.57	-3,199.56	-2,223.22	502.15	376.19	125.97	3.986						
6,900.00	5,286.67	6,039.90	5,196.07	75.40	56.02	88.85	-3,233.94	-2,259.03	520.48	391.98	128.50	4.051						
7,000.00	5,353.94	6,126.38	5,266.08	76.78	57.04	91.05	-3,267.60	-2,297.04	542.00	411.13	130.87	4.142						
7,100.00	5,421.20	6,233.28	5,350.47	78.16	58.33	93.19	-3,311.64	-2,345.68	564.50	430.59	133.91	4.215						
7,200.00	5,488.46	6,325.66	5,425.22	79.55	59.42	95.17	-3,349.22	-2,384.84	585.44	449.19	136.24	4.297						
7,300.00	5,555.72	6,405.41	5,489.87	80.93	60.35	96.82	-3,379.91	-2,420.02	609.60	471.68	137.92	4.420						
7,400.00	5,622.98	6,487.93	5,557.11	82.31	61.31	98.50	-3,410.10	-2,457.12	636.27	496.72	139.55	4.559						
7,500.00	5,690.24	6,566.05	5,621.60	83.69	62.21	100.12	-3,436.37	-2,492.51	665.72	524.92	140.80	4.728						
7,600.00	5,757.50	6,661.67	5,698.43	85.08	63.35	101.66	-3,469.80	-2,538.53	696.77	553.82	142.95	4.874						
7,700.00	5,824.76	6,787.79	5,799.63	86.46	64.87	103.46	-3,517.06	-2,597.04	725.25	578.85	146.40	4.954						
7,800.00	5,892.02	6,882.49	5,877.32	87.84	65.96	104.91	-3,552.48	-2,637.98	752.30	604.02	148.29	5.073						
7,900.00	5,959.28	6,975.68	5,953.53	89.23	67.03	106.21	-3,586.98	-2,679.07	780.57	630.47	150.09	5.201						
8,000.00	6,026.55	7,078.63	6,036.24	90.61	68.27	107.37	-3,627.46	-2,725.06	807.79	655.44	152.35	5.302						
8,100.00	6,093.81	7,172.03	6,109.47	91.99	69.42	108.13	-3,665.30	-2,769.00	835.74	681.38	154.36	5.414						
8,200.00	6,161.07	7,291.14	6,205.21	93.38	70.82	109.32	-3,712.94	-2,821.36	862.54	705.47	157.07	5.491						
8,300.00	6,228.33	7,415.30	6,309.63	94.76	72.15	111.03	-3,761.61	-2,867.65	886.49	727.19	159.29	5.565						
8,400.00	6,295.59	7,495.72	6,376.82	96.14	73.02	112.04	-3,794.02	-2,897.68	910.04	749.57	160.48	5.671						
8,500.00	6,362.85	7,570.13	6,438.61	97.53	73.82	112.87	-3,823.29	-2,927.03	935.83	774.35	161.48	5.795						
8,600.00	6,430.11	7,662.39	6,516.42	98.91	74.81	113.96	-3,857.29	-2,963.12	963.75	800.90	162.84	5.918						
8,700.00	6,497.37	7,748.94	6,589.20	100.29	75.75	114.92	-3,889.86	-2,996.77	991.31	827.26	164.05	6.043						
8,800.00	6,564.63	7,820.38	6,648.32	101.68	76.54	115.55	-3,916.13	-3,027.05	1,021.37	856.48	164.89	6.194						
8,900.00	6,631.89	7,897.00	6,710.77	103.06	77.43	116.10	-3,944.39	-3,061.28	1,052.71	886.72	165.99	6.342						
9,000.00	6,699.15	7,966.59	6,765.50	104.45	78.32	116.37	-3,970.19	-3,095.62	1,086.05	919.01	167.04	6.502						
9,100.00	6,766.42	7,993.00	6,785.40	105.83	78.66	116.39	-3,979.90	-3,110.01	1,123.18	957.21	165.97	6.767						
9,200.00	6,833.68	8,059.49	6,832.58	107.22	79.64	116.19	-4,003.42	-3,150.46	1,163.11	995.91	167.20	6.956						
9,300.00	6,900.94	8,088.00	6,851.31	108.60	80.06	115.99	-4,012.93	-3,169.73	1,207.58	1,041.58	165.99	7.275						
9,400.00	6,968.20	8,153.69	6,891.78	109.98	81.13	115.38	-4,033.83	-3,217.04	1,254.74	1,087.25	167.49	7.492						
9,500.00	7,035.46	8,184.00	6,909.36	111.37	81.63	115.04	-4,043.07	-3,239.94	1,305.01	1,138.71	166.29	7.848						
9,600.00	7,101.31	8,241.11	6,940.60	112.79	82.61	105.37	-4,059.47	-3,284.84	1,354.59	1,187.48	167.11	8.106						
9,700.00	7,161.49	8,279.00	6,959.93	114.30	83.27	95.66	-4,069.48	-3,315.85	1,396.05	1,230.14	165.91	8.415						
9,800.00	7,214.06	8,340.77	6,988.96	115.85	84.38	88.45	-4,084.80	-3,368.17	1,427.47	1,260.99	166.49	8.574						
9,900.00	7,257.41	8,375.00	7,003.68	117.39	85.00	83.49	-4,092.90	-3,397.98	1,448.29	1,283.94	164.36	8.812						
10,000.00	7,290.24	8,436.57	7,028.24	118.87	86.13	80.53	-4,105.94	-3,452.91	1,458.02	1,293.39	164.63	8.856						
10,100.00	7,311.53	8,470.00	7,040.69	120.23	86.75	79.20	-4,111.93	-3,483.34	1,457.46	1,295.34	162.12	8.990						
10,200.00	7,320.66	8,470.00	7,040.69	121.43	86.75	79.07	-4,111.93	-3,483.34	1,448.49	1,292.47	156.02	9.284						

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor						
10,300.00	7,321.00	8,525.75	7,058.23	122.51	87.75	79.87	-4,118.84	-3,535.76	1,432.15	1,276.42	155.73	9.196						
10,400.00	7,321.00	8,565.00	7,067.23	123.62	88.46	80.22	-4,120.73	-3,573.90	1,422.10	1,268.65	153.46	9.267						
10,500.00	7,321.00	8,565.00	7,067.23	124.77	88.46	80.22	-4,120.73	-3,573.90	1,416.99	1,270.61	146.38	9.680						
10,570.89	7,321.00	8,613.93	7,075.14	125.60	89.30	80.53	-4,120.62	-3,622.18	1,415.61	1,268.62	146.99	9.631						
10,600.00	7,321.00	8,626.03	7,076.63	125.95	89.51	80.59	-4,120.30	-3,634.18	1,415.79	1,269.52	146.27	9.679						
10,700.00	7,321.00	8,676.96	7,080.86	127.17	90.39	80.78	-4,117.84	-3,684.87	1,419.01	1,274.16	144.84	9.797						
10,800.00	7,321.00	8,779.93	7,081.61	128.43	92.17	80.84	-4,112.84	-3,787.68	1,423.71	1,274.20	149.51	9.523						
10,900.00	7,321.00	8,905.61	7,078.32	129.72	94.43	80.74	-4,108.80	-3,913.24	1,427.36	1,270.54	156.81	9.102						
11,000.00	7,321.00	9,004.23	7,075.04	131.05	96.26	80.62	-4,107.02	-4,011.80	1,429.71	1,268.75	160.96	8.882						
11,100.00	7,321.00	9,216.46	7,070.45	132.41	100.42	80.42	-4,110.09	-4,223.85	1,428.81	1,250.43	178.37	8.010						
11,200.00	7,321.00	9,350.06	7,071.04	133.81	103.19	80.38	-4,119.29	-4,357.12	1,421.78	1,235.05	186.73	7.614						
11,300.00	7,321.00	9,425.00	7,071.06	135.25	104.77	80.35	-4,123.78	-4,431.93	1,415.72	1,227.24	188.48	7.511						
11,400.00	7,321.00	9,478.32	7,070.31	136.72	105.88	80.31	-4,125.74	-4,485.21	1,412.04	1,224.39	187.66	7.525						
11,500.00	7,321.00	9,550.42	7,068.46	138.22	107.39	80.22	-4,126.98	-4,557.27	1,410.76	1,221.83	188.93	7.467						
11,533.95	7,321.00	9,578.39	7,067.62	138.74	107.97	80.19	-4,127.20	-4,585.22	1,410.69	1,220.92	189.77	7.434						
11,600.00	7,321.00	9,640.59	7,065.60	139.76	109.28	80.11	-4,127.35	-4,647.39	1,410.91	1,218.57	192.33	7.336						
11,685.23	7,321.00	9,729.79	7,062.21	141.10	111.17	79.97	-4,128.14	-4,736.52	1,410.74	1,214.03	196.72	7.171						
11,700.00	7,321.00	9,740.12	7,061.81	141.34	111.39	79.95	-4,128.19	-4,746.84	1,410.77	1,213.90	196.86	7.166						
11,800.00	7,321.00	9,813.13	7,059.18	142.94	112.94	79.85	-4,127.64	-4,819.80	1,412.14	1,213.92	198.22	7.124						
11,900.00	7,321.00	9,942.16	7,055.37	144.58	115.73	79.70	-4,127.03	-4,948.77	1,413.11	1,206.68	206.43	6.845						
12,000.00	7,321.00	10,058.30	7,052.09	146.25	118.28	79.56	-4,128.02	-5,064.86	1,412.82	1,199.75	213.07	6.631						
12,100.00	7,321.00	10,157.64	7,049.18	147.95	120.50	79.43	-4,129.77	-5,164.15	1,411.65	1,193.94	217.71	6.484						
12,200.00	7,321.00	10,272.13	7,047.69	149.67	123.08	79.36	-4,131.44	-5,278.61	1,410.53	1,186.28	224.26	6.290						
12,300.00	7,321.00	10,380.00	7,046.91	151.43	125.54	79.31	-4,134.55	-5,386.43	1,407.82	1,177.79	230.03	6.120						
12,400.00	7,321.00	10,459.53	7,046.71	153.22	127.37	79.29	-4,136.41	-5,465.93	1,405.70	1,173.24	232.47	6.047						
12,500.00	7,321.00	10,586.84	7,047.82	155.04	130.32	79.32	-4,138.52	-5,593.22	1,404.01	1,163.31	240.70	5.833						
12,600.00	7,321.00	10,692.46	7,048.21	156.88	132.79	79.31	-4,141.93	-5,698.78	1,400.79	1,154.48	246.31	5.687						
12,700.00	7,321.00	10,792.61	7,048.07	158.75	135.16	79.27	-4,145.51	-5,798.87	1,397.35	1,146.08	251.27	5.561						
12,800.00	7,321.00	10,880.97	7,047.13	160.65	137.25	79.21	-4,148.58	-5,887.17	1,394.18	1,139.37	254.80	5.472						
12,900.00	7,321.00	10,954.00	7,047.30	162.57	138.98	79.21	-4,149.73	-5,960.19	1,392.61	1,136.08	256.53	5.429						
12,944.00	7,321.00	10,989.15	7,047.80	163.42	139.81	79.23	-4,149.74	-5,995.34	1,392.48	1,134.82	257.66	5.404						
13,000.00	7,321.00	11,035.41	7,048.61	164.51	140.91	79.27	-4,149.44	-6,041.58	1,392.68	1,133.38	259.30	5.371						
13,100.00	7,321.00	11,118.01	7,049.91	166.48	142.86	79.33	-4,148.11	-6,124.16	1,394.00	1,131.79	262.21	5.316						
13,200.00	7,321.00	11,204.65	7,050.31	168.48	144.91	79.36	-4,145.88	-6,210.77	1,396.47	1,130.88	265.59	5.258						
13,300.00	7,321.00	11,332.68	7,052.43	170.49	147.96	79.47	-4,142.46	-6,338.72	1,398.95	1,124.63	274.31	5.100						
13,400.00	7,321.00	11,426.97	7,056.01	172.52	150.22	79.63	-4,140.82	-6,432.93	1,400.00	1,121.17	278.84	5.021						
13,500.00	7,321.00	11,539.89	7,061.57	174.58	152.95	79.87	-4,139.03	-6,545.69	1,400.71	1,114.93	285.78	4.901						
13,600.00	7,321.00	11,623.00	7,067.14	176.66	154.96	80.11	-4,137.09	-6,628.59	1,401.85	1,112.83	289.02	4.850						
13,700.00	7,321.00	11,742.28	7,075.67	178.75	157.86	80.47	-4,134.17	-6,747.53	1,403.15	1,106.26	296.89	4.726						
13,800.00	7,321.00	11,862.11	7,081.56	180.87	160.81	80.71	-4,134.36	-6,867.21	1,402.11	1,097.45	304.66	4.602						
13,900.00	7,321.00	11,958.09	7,085.89	183.00	163.18	80.88	-4,134.51	-6,963.09	1,401.26	1,091.77	309.49	4.528						
14,000.00	7,321.00	12,059.44	7,090.23	185.15	165.69	81.05	-4,134.81	-7,064.35	1,400.33	1,085.36	314.97	4.446						
14,081.81	7,321.00	12,128.20	7,091.52	186.92	167.40	81.10	-4,135.13	-7,133.09	1,399.77	1,082.11	317.66	4.406						
14,100.00	7,321.00	12,140.73	7,091.66	187.32	167.71	81.11	-4,135.09	-7,145.63	1,399.80	1,081.89	317.91	4.403						
14,200.00	7,321.00	12,213.40	7,092.15	189.50	169.51	81.14	-4,133.91	-7,218.28	1,401.29	1,081.60	319.69	4.383						
14,300.00	7,321.00	12,302.77	7,092.68	191.70	171.73	81.17	-4,131.30	-7,307.61	1,404.11	1,080.55	323.55	4.340						
14,400.00	7,321.00	12,427.46	7,093.95	193.92	174.83	81.25	-4,127.91	-7,432.24	1,406.75	1,074.81	331.94	4.238						
14,500.00	7,321.00	12,578.86	7,097.44	196.15	178.63	81.38	-4,128.39	-7,583.59	1,406.04	1,062.58	343.46	4.094						
14,597.03	7,321.00	12,643.60	7,098.22	198.32	180.27	81.41	-4,128.99	-7,648.32	1,404.98	1,060.29	344.69	4.076						
14,600.00	7,321.00	12,645.62	7,098.21	198.39	180.32	81.41	-4,129.00	-7,650.35	1,404.98	1,060.25	344.73	4.076						
14,700.00	7,321.00	12,768.81	7,096.21	200.65	183.43	81.33	-4,129.52	-7,773.52	1,404.98	1,052.37	352.61	3.985						
14,800.00	7,321.00	12,865.87	7,093.81	202.92	185.90	81.22	-4,131.33	-7,870.53	1,403.54	1,046.20	357.34	3.928						

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
14,900.00	7,321.00	12,967.00	7,092.62	205.20	188.47	81.16	-4,132.91	-7,971.63	1,402.20	1,039.60	362.61	3.867		
15,000.00	7,321.00	13,085.20	7,092.39	207.50	191.49	81.14	-4,135.72	-8,089.80	1,399.88	1,029.97	369.91	3.784		
15,100.00	7,321.00	13,182.38	7,091.53	209.80	193.98	81.08	-4,138.55	-8,186.94	1,397.17	1,022.43	374.74	3.728		
15,200.00	7,321.00	13,317.42	7,094.38	212.12	197.45	81.18	-4,142.36	-8,321.88	1,394.35	1,010.34	384.01	3.631		
15,300.00	7,321.00	13,389.59	7,096.86	214.45	199.31	81.26	-4,145.46	-8,393.93	1,389.79	1,003.58	386.22	3.598		
15,400.00	7,321.00	13,455.42	7,097.80	216.79	201.00	81.29	-4,146.32	-8,459.75	1,388.20	1,000.73	387.46	3.583		
15,500.00	7,321.00	13,555.16	7,097.08	219.15	203.57	81.26	-4,146.95	-8,559.48	1,387.71	995.08	392.63	3.534		
15,600.00	7,321.00	13,663.51	7,095.15	221.51	206.35	81.17	-4,148.37	-8,667.81	1,386.71	987.95	398.76	3.478		
15,700.00	7,321.00	13,777.52	7,092.21	223.88	209.30	81.04	-4,150.56	-8,781.76	1,385.28	979.79	405.49	3.416		
15,800.00	7,321.00	13,897.46	7,088.92	226.26	212.40	80.87	-4,154.77	-8,901.58	1,382.25	969.45	412.80	3.348		
15,900.00	7,321.00	14,008.45	7,085.73	228.65	215.29	80.71	-4,159.86	-9,012.40	1,378.21	959.15	419.05	3.289		
16,000.00	7,321.00	14,101.00	7,083.28	231.04	217.69	80.57	-4,165.23	-9,104.76	1,373.02	949.75	423.28	3.244		
16,100.00	7,321.00	14,176.94	7,081.25	233.45	219.67	80.47	-4,168.77	-9,180.59	1,369.17	943.57	425.60	3.217		
16,200.00	7,321.00	14,257.63	7,078.76	235.86	221.76	80.35	-4,170.10	-9,261.22	1,368.01	939.64	428.37	3.194		
16,300.00	7,321.00	14,352.35	7,075.35	238.28	224.22	80.20	-4,171.20	-9,355.89	1,367.51	934.75	432.76	3.160		
16,339.23	7,321.00	14,387.00	7,074.03	239.24	225.12	80.15	-4,171.54	-9,390.50	1,367.40	933.24	434.17	3.149		
16,400.00	7,321.00	14,430.38	7,072.59	240.71	226.24	80.09	-4,171.57	-9,433.86	1,367.74	932.66	435.08	3.144		
16,500.00	7,321.00	14,529.86	7,070.91	243.15	228.82	80.03	-4,169.70	-9,533.30	1,369.91	929.72	440.19	3.112		
16,600.00	7,321.00	14,641.78	7,069.42	245.59	231.73	79.97	-4,169.79	-9,645.21	1,370.02	923.14	446.87	3.066		
16,700.00	7,321.00	14,723.01	7,066.92	248.05	233.84	79.87	-4,169.36	-9,726.40	1,371.11	921.52	449.59	3.050		
16,800.00	7,321.00	14,812.63	7,064.13	250.50	236.17	79.77	-4,167.68	-9,815.97	1,373.51	920.17	453.35	3.030		
16,900.00	7,321.00	14,953.04	7,057.98	252.97	239.82	79.53	-4,166.60	-9,956.21	1,375.28	911.95	463.33	2.968		
16,945.02	7,321.00	14,993.26	7,054.85	254.08	240.87	79.39	-4,167.32	-9,996.30	1,375.14	910.27	464.88	2.958		
17,000.00	7,321.00	15,037.73	7,051.04	255.44	242.03	79.23	-4,167.88	-10,040.60	1,375.36	909.18	466.17	2.950		
17,100.00	7,321.00	15,149.38	7,040.19	257.91	244.93	78.78	-4,169.37	-10,151.71	1,375.97	903.93	472.04	2.915		
17,109.50	7,321.00	15,160.77	7,038.99	258.15	245.22	78.73	-4,169.62	-10,163.03	1,375.96	903.28	472.67	2.911		
17,200.00	7,321.00	15,246.00	7,030.99	260.39	247.44	78.39	-4,171.08	-10,247.88	1,376.14	900.01	476.13	2.890		
17,300.00	7,321.00	15,329.66	7,024.84	262.88	249.63	78.13	-4,171.60	-10,331.31	1,377.05	898.22	478.82	2.876		
17,400.00	7,321.00	15,398.63	7,020.71	265.37	251.42	77.97	-4,170.76	-10,400.14	1,379.55	899.87	479.68	2.876		
17,500.00	7,321.00	15,493.25	7,014.69	267.87	253.89	77.75	-4,167.71	-10,494.53	1,384.04	900.27	483.78	2.861		
17,600.00	7,321.00	15,607.33	7,007.08	270.37	256.86	77.47	-4,165.43	-10,608.33	1,387.44	897.10	490.33	2.830		
17,700.00	7,321.00	15,742.93	6,997.16	272.88	260.41	77.07	-4,165.23	-10,743.55	1,389.22	889.92	499.30	2.782 SF		
17,800.00	7,321.00	15,805.00	6,992.74	275.40	262.04	76.89	-4,165.91	-10,805.47	1,390.31	891.05	499.26	2.785		
17,900.00	7,321.00	15,805.00	6,992.74	277.91	262.04	76.89	-4,165.91	-10,805.47	1,397.18	907.18	490.00	2.851		
18,000.00	7,321.00	15,805.00	6,992.74	280.43	262.04	76.89	-4,165.91	-10,805.47	1,411.12	932.55	478.58	2.949		
18,100.00	7,321.00	15,805.00	6,992.74	282.97	262.04	76.80	-4,165.91	-10,805.47	1,433.00	967.66	465.34	3.079		
18,200.00	7,321.00	15,805.00	6,992.74	285.53	262.04	76.65	-4,165.91	-10,805.47	1,464.55	1,013.68	450.86	3.248		
18,300.00	7,321.00	15,805.00	6,992.74	288.11	262.04	76.44	-4,165.91	-10,805.47	1,505.19	1,069.48	435.71	3.455		
18,400.00	7,321.00	15,805.00	6,992.74	290.70	262.04	76.17	-4,165.91	-10,805.47	1,554.15	1,133.76	420.39	3.697		
18,500.00	7,321.00	15,805.00	6,992.74	293.30	262.04	75.84	-4,165.91	-10,805.47	1,610.63	1,205.26	405.37	3.973		
18,600.00	7,321.00	15,805.00	6,992.74	295.90	262.04	75.79	-4,165.91	-10,805.47	1,672.84	1,282.02	390.82	4.280		
18,700.00	7,321.00	15,805.00	6,992.74	298.50	262.04	75.79	-4,165.91	-10,805.47	1,738.61	1,361.93	376.67	4.616		
18,800.00	7,321.00	15,805.00	6,992.74	301.11	262.04	75.79	-4,165.91	-10,805.47	1,807.51	1,444.48	363.03	4.979		
18,900.00	7,321.00	15,805.00	6,992.74	303.72	262.04	75.79	-4,165.91	-10,805.47	1,879.21	1,529.23	349.98	5.369		
19,000.00	7,321.00	15,805.00	6,992.74	306.32	262.04	75.79	-4,165.91	-10,805.47	1,953.41	1,615.84	337.57	5.787		
19,100.00	7,321.00	15,805.00	6,992.74	308.93	262.04	75.79	-4,165.91	-10,805.47	2,029.81	1,704.01	325.80	6.230		
19,200.00	7,321.00	15,805.00	6,992.74	311.54	262.04	75.79	-4,165.91	-10,805.47	2,108.20	1,793.51	314.68	6.699		
19,300.00	7,321.00	15,805.00	6,992.74	314.16	262.04	75.79	-4,165.91	-10,805.47	2,188.34	1,884.13	304.21	7.194		
19,400.00	7,321.00	15,805.00	6,992.74	316.77	262.04	75.79	-4,165.91	-10,805.47	2,270.06	1,975.71	294.36	7.712		
19,500.00	7,321.00	15,805.00	6,992.74	319.38	262.04	75.79	-4,165.91	-10,805.47	2,353.20	2,068.10	285.10	8.254		
19,600.00	7,321.00	15,805.00	6,992.74	322.00	262.04	75.79	-4,165.91	-10,805.47	2,437.60	2,161.19	276.41	8.819		
19,700.00	7,321.00	15,805.00	6,992.74	324.61	262.04	75.79	-4,165.91	-10,805.47	2,523.14	2,254.89	268.25	9.406		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
19,800.00	7,321.00	15,805.00	6,992.74	327.23	262.04	76.41	-4,165.91	-10,805.47	2,609.22	2,348.76	260.46	10.018	
19,900.00	7,321.00	15,805.00	6,992.74	329.85	262.04	77.16	-4,165.91	-10,805.47	2,694.63	2,441.93	252.70	10.664	
20,000.00	7,321.00	15,805.00	6,992.74	332.46	262.04	77.84	-4,165.91	-10,805.47	2,779.27	2,534.32	244.95	11.346	
20,100.00	7,321.00	15,805.00	6,992.74	335.06	262.04	78.48	-4,165.91	-10,805.47	2,863.11	2,625.88	237.23	12.069	
20,200.00	7,321.00	15,805.00	6,992.74	337.65	262.04	79.06	-4,165.91	-10,805.47	2,946.13	2,716.59	229.55	12.835	
20,300.00	7,321.00	15,805.00	6,992.74	340.22	262.04	79.28	-4,165.91	-10,805.47	3,028.63	2,806.66	221.97	13.644	
20,400.00	7,321.00	15,805.00	6,992.74	342.79	262.04	79.28	-4,165.91	-10,805.47	3,112.00	2,897.20	214.80	14.488	
20,500.00	7,321.00	15,805.00	6,992.74	345.37	262.04	79.28	-4,165.91	-10,805.47	3,196.32	2,988.28	208.05	15.364	
20,600.00	7,321.00	15,805.00	6,992.74	347.95	262.04	79.28	-4,165.91	-10,805.47	3,281.52	3,079.84	201.68	16.271	
20,700.00	7,321.00	15,805.00	6,992.74	350.53	262.04	79.28	-4,165.91	-10,805.47	3,367.54	3,171.84	195.70	17.208	
20,800.00	7,321.00	15,805.00	6,992.74	353.11	262.04	79.28	-4,165.91	-10,805.47	3,454.31	3,264.24	190.07	18.174	
20,900.00	7,321.00	15,805.00	6,992.74	355.70	262.04	79.28	-4,165.91	-10,805.47	3,541.78	3,357.00	184.78	19.168	
20,976.29	7,321.00	15,805.00	6,992.74	357.67	262.04	79.28	-4,165.91	-10,805.47	3,608.94	3,427.98	180.96	19.944	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	100.20	100.20	0.27	0.14	-172.46	-1,420.39	-188.02	1,432.83	1,432.42	0.41	3,501.428		
200.00	200.00	207.70	207.69	0.63	0.46	-172.48	-1,419.20	-187.45	1,431.66	1,430.57	1.09	1,315.900		
300.00	300.00	289.59	289.58	0.99	0.74	-172.49	-1,418.50	-187.07	1,430.78	1,429.05	1.73	827.143		
306.90	306.90	294.93	294.91	1.01	0.76	-172.49	-1,418.49	-187.07	1,430.78	1,429.00	1.77	807.049		
400.00	400.00	371.79	371.78	1.34	1.03	-172.48	-1,418.95	-187.37	1,431.36	1,428.99	2.37	603.983		
500.00	499.98	461.98	461.94	1.69	1.34	-19.97	-1,420.23	-188.52	1,431.28	1,428.26	3.02	473.365		
600.00	599.84	542.97	542.90	2.03	1.62	-19.99	-1,421.79	-190.15	1,428.59	1,424.95	3.64	391.970		
700.00	699.45	605.00	604.85	2.38	1.84	-20.01	-1,424.14	-192.39	1,424.72	1,420.51	4.21	338.651		
800.00	798.70	685.27	684.89	2.75	2.14	-20.04	-1,428.65	-196.48	1,419.53	1,414.69	4.85	292.931		
900.00	897.47	761.55	760.80	3.15	2.42	-20.08	-1,434.15	-201.48	1,412.80	1,407.32	5.48	257.800		
1,000.00	995.62	833.07	831.80	3.57	2.70	-20.12	-1,440.36	-207.49	1,404.53	1,398.42	6.11	229.969		
1,100.00	1,093.06	902.80	900.73	4.03	2.98	-20.14	-1,447.77	-214.94	1,395.19	1,388.45	6.74	207.016		
1,200.00	1,189.64	986.00	982.59	4.53	3.33	-20.13	-1,457.65	-225.96	1,384.22	1,376.77	7.44	185.926		
1,300.00	1,285.27	1,070.71	1,065.59	5.08	3.71	-20.09	-1,468.38	-239.03	1,371.09	1,362.91	8.18	167.600		
1,400.00	1,379.82	1,149.08	1,142.11	5.66	4.08	-20.08	-1,479.06	-252.21	1,355.90	1,346.99	8.91	152.202		
1,500.00	1,473.17	1,213.14	1,204.37	6.30	4.39	-20.10	-1,488.83	-263.69	1,339.36	1,329.76	9.59	139.652		
1,600.00	1,565.21	1,272.00	1,261.12	6.98	4.69	-20.14	-1,499.51	-275.09	1,322.54	1,312.28	10.26	128.871		
1,700.00	1,655.84	1,330.05	1,316.51	7.72	5.02	-20.16	-1,511.57	-287.53	1,305.49	1,294.53	10.96	119.159		
1,800.00	1,744.94	1,396.03	1,378.70	8.51	5.41	-20.13	-1,526.85	-303.43	1,288.05	1,276.34	11.71	110.007		
1,900.00	1,832.39	1,462.00	1,440.41	9.35	5.82	-20.12	-1,543.14	-320.10	1,269.39	1,256.90	12.48	101.680		
2,000.00	1,918.11	1,538.83	1,511.51	10.25	6.34	-20.06	-1,563.39	-340.99	1,249.53	1,236.17	13.36	93.559		
2,100.00	2,001.97	1,621.32	1,586.84	11.19	6.93	-19.96	-1,586.60	-365.32	1,228.59	1,214.31	14.29	85.978		
2,200.00	2,083.88	1,700.86	1,659.33	12.20	7.53	-19.92	-1,609.38	-388.82	1,205.14	1,189.90	15.23	79.105		
2,300.00	2,163.74	1,762.00	1,714.25	13.25	8.00	-19.90	-1,628.07	-408.13	1,180.91	1,164.83	16.08	73.447		
2,400.00	2,241.45	1,824.06	1,768.97	14.35	8.53	-19.86	-1,648.47	-429.09	1,156.41	1,139.45	16.96	68.190		
2,500.00	2,316.92	1,893.20	1,828.69	15.51	9.15	-19.76	-1,672.89	-453.96	1,131.69	1,113.78	17.91	63.196		
2,600.00	2,390.05	1,972.76	1,896.32	16.71	9.90	-19.56	-1,701.65	-484.42	1,105.45	1,086.50	18.96	58.310		
2,700.00	2,460.76	2,048.00	1,959.07	17.96	10.64	-19.31	-1,729.48	-515.23	1,077.77	1,057.78	19.99	53.906		
2,800.00	2,528.98	2,116.84	2,015.23	19.26	11.38	-19.01	-1,755.78	-545.10	1,049.13	1,028.13	21.00	49.956		
2,900.00	2,596.24	2,212.16	2,091.90	20.59	12.41	-18.30	-1,793.37	-587.46	1,021.08	998.87	22.21	45.976		
3,000.00	2,663.50	2,295.00	2,159.03	21.92	13.33	-17.71	-1,826.19	-623.22	992.95	969.63	23.32	42.584		
3,100.00	2,730.76	2,390.69	2,235.29	23.25	14.40	-16.90	-1,864.90	-666.13	966.45	941.95	24.50	39.454		
3,200.00	2,798.02	2,508.03	2,331.16	24.60	15.69	-16.11	-1,911.93	-714.74	938.39	912.55	25.84	36.317		
3,300.00	2,865.28	2,579.49	2,390.01	25.94	16.47	-15.68	-1,940.82	-743.18	910.29	883.47	26.82	33.937		
3,400.00	2,932.54	2,660.07	2,454.54	27.30	17.38	-15.06	-1,975.04	-777.19	885.22	857.39	27.83	31.808		
3,500.00	2,999.80	2,774.12	2,546.92	28.65	18.65	-14.30	-2,023.74	-823.03	859.84	830.74	29.10	29.548		
3,600.00	3,067.06	2,863.24	2,620.11	30.01	19.64	-13.76	-2,061.17	-857.41	833.16	802.98	30.18	27.609		
3,700.00	3,134.32	2,944.10	2,684.42	31.37	20.57	-12.93	-2,095.06	-892.83	808.68	777.58	31.10	26.005		
3,800.00	3,201.59	3,040.18	2,760.20	32.73	21.71	-11.86	-2,135.94	-935.43	785.41	753.32	32.10	24.470		
3,900.00	3,268.85	3,157.88	2,854.71	34.09	23.07	-10.67	-2,185.77	-984.81	761.08	727.84	33.24	22.896		
4,000.00	3,336.11	3,252.51	2,932.34	35.46	24.13	-9.83	-2,225.06	-1,022.02	734.80	700.57	34.22	21.470		
4,100.00	3,403.37	3,350.57	3,012.10	36.83	25.23	-8.84	-2,266.32	-1,061.41	709.67	674.49	35.18	20.172		
4,200.00	3,470.63	3,435.72	3,081.68	38.20	26.19	-7.97	-2,302.08	-1,094.99	684.37	648.32	36.05	18.986		
4,300.00	3,537.89	3,532.38	3,158.79	39.57	27.31	-6.65	-2,343.17	-1,136.32	661.52	624.62	36.90	17.928		
4,400.00	3,605.15	3,668.66	3,271.32	40.94	28.82	-5.02	-2,398.74	-1,189.36	635.18	597.19	38.00	16.716		
4,500.00	3,672.41	3,753.03	3,342.13	42.31	29.72	-3.90	-2,431.42	-1,221.54	606.62	567.82	38.80	15.634		
4,600.00	3,739.67	3,833.80	3,408.46	43.68	30.63	-2.43	-2,462.53	-1,255.54	580.43	540.91	39.52	14.687		
4,700.00	3,806.93	3,948.15	3,501.79	45.06	31.93	0.02	-2,506.01	-1,305.27	555.38	514.97	40.41	13.744		
4,800.00	3,874.19	4,033.19	3,572.41	46.43	32.87	1.86	-2,537.83	-1,340.35	528.91	487.68	41.23	12.828		
4,900.00	3,941.46	4,119.76	3,643.47	47.81	33.84	3.72	-2,572.41	-1,375.68	505.12	462.98	42.14	11.987		
5,000.00	4,008.72	4,207.70	3,714.92	49.18	34.85	5.77	-2,608.51	-1,412.09	483.47	440.30	43.17	11.200		
5,100.00	4,075.98	4,298.46	3,787.75	50.56	35.92	8.22	-2,645.79	-1,451.37	464.08	419.68	44.41	10.450		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,143.24	4,392.23	3,862.65	51.94	37.03	10.90	-2,684.92	-1,492.01	446.35	400.39	45.95	9.713		
5,300.00	4,210.50	4,486.10	3,937.42	53.31	38.15	13.64	-2,725.06	-1,532.13	430.11	382.30	47.81	8.996		
5,400.00	4,277.76	4,592.15	4,022.01	54.69	39.39	16.77	-2,771.31	-1,576.31	414.82	364.60	50.22	8.260		
5,500.00	4,345.02	4,695.32	4,106.10	56.07	40.56	19.89	-2,815.50	-1,616.54	397.56	344.61	52.95	7.509		
5,600.00	4,412.28	4,788.69	4,182.32	57.45	41.61	22.96	-2,855.39	-1,652.82	381.28	325.28	56.00	6.808		
5,700.00	4,479.54	4,878.85	4,255.45	58.83	42.65	26.39	-2,893.21	-1,689.57	367.57	307.89	59.69	6.158		
5,800.00	4,546.80	4,961.28	4,321.57	60.21	43.64	30.14	-2,926.16	-1,726.12	357.99	293.94	64.05	5.589		
5,900.00	4,614.07	5,051.85	4,392.32	61.59	44.75	34.60	-2,962.34	-1,769.57	354.46	285.04	69.42	5.106		
6,000.00	4,681.33	5,148.10	4,468.12	62.97	45.95	39.28	-3,001.13	-1,814.43	352.30	276.88	75.41	4.672		
6,004.91	4,684.63	5,152.31	4,471.39	63.04	46.00	39.47	-3,002.94	-1,816.38	352.29	276.62	75.67	4.655		
6,100.00	4,748.59	5,252.80	4,548.46	64.35	47.25	43.51	-3,048.58	-1,861.90	353.35	272.09	81.26	4.349		
6,200.00	4,815.85	5,379.04	4,649.79	65.73	48.72	48.61	-3,104.91	-1,911.75	349.32	261.53	87.79	3.979		
6,300.00	4,883.11	5,469.48	4,724.61	67.11	49.72	52.69	-3,143.27	-1,945.05	343.76	249.98	93.78	3.666		
6,368.53	4,929.20	5,529.12	4,773.58	68.06	50.38	55.50	-3,168.18	-1,968.27	342.62	244.75	97.88	3.501 CC		
6,400.00	4,950.37	5,556.47	4,795.91	68.49	50.69	56.80	-3,179.52	-1,979.25	342.86	243.13	99.74	3.438		
6,500.00	5,017.63	5,645.45	4,867.90	69.87	51.73	60.96	-3,216.46	-2,016.26	346.70	241.18	105.52	3.286 ES		
6,600.00	5,084.89	5,743.64	4,945.65	71.25	52.90	64.99	-3,259.59	-2,057.91	353.60	242.59	111.01	3.185		
6,700.00	5,152.15	5,843.44	5,025.07	72.63	54.08	68.87	-3,304.11	-2,098.81	360.66	244.45	116.21	3.104		
6,800.00	5,219.41	5,934.88	5,097.88	74.02	55.17	72.34	-3,344.35	-2,136.75	369.92	249.16	120.76	3.063		
6,900.00	5,286.67	6,024.94	5,169.97	75.40	56.23	75.83	-3,382.13	-2,175.30	382.46	257.50	124.95	3.061		
7,000.00	5,353.94	6,118.09	5,245.12	76.78	57.33	79.44	-3,419.43	-2,215.77	397.78	268.83	128.95	3.085		
7,100.00	5,421.20	6,210.67	5,319.24	78.16	58.44	82.64	-3,457.20	-2,256.38	414.82	282.39	132.44	3.132		
7,200.00	5,488.46	6,303.17	5,392.18	79.55	59.56	85.41	-3,495.17	-2,298.76	434.76	299.23	135.53	3.208		
7,300.00	5,555.72	6,409.25	5,478.67	80.93	60.79	88.86	-3,536.63	-2,344.03	453.94	314.85	139.09	3.264		
7,400.00	5,622.98	6,501.69	5,554.27	82.31	61.84	91.65	-3,572.96	-2,382.90	473.78	332.15	141.63	3.345		
7,500.00	5,690.24	6,600.29	5,635.50	83.69	62.96	94.53	-3,610.30	-2,424.47	495.65	351.46	144.20	3.437		
7,600.00	5,757.50	6,706.08	5,722.38	85.08	64.16	97.26	-3,653.00	-2,467.11	515.62	368.81	146.82	3.512		
7,700.00	5,824.76	6,797.17	5,796.54	86.46	65.20	99.32	-3,690.31	-2,504.61	536.78	388.08	148.70	3.610		
7,800.00	5,892.02	6,892.79	5,873.86	87.84	66.31	101.23	-3,729.65	-2,544.81	559.12	408.44	150.68	3.711		
7,900.00	5,959.28	6,985.91	5,948.69	89.23	67.41	102.87	-3,768.55	-2,584.29	581.85	429.33	152.52	3.815		
8,000.00	6,026.55	7,075.97	6,020.47	90.61	68.49	104.24	-3,805.93	-2,623.80	606.14	451.94	154.20	3.931		
8,100.00	6,093.81	7,166.85	6,093.74	91.99	69.55	105.66	-3,842.61	-2,663.12	631.27	475.46	155.80	4.052		
8,200.00	6,161.07	7,276.71	6,185.64	93.38	70.76	107.76	-3,883.23	-2,707.51	657.81	500.00	157.81	4.168		
8,300.00	6,228.33	7,406.36	6,293.41	94.76	72.16	109.98	-3,937.24	-2,755.19	678.78	518.62	160.16	4.238		
8,400.00	6,295.59	7,501.08	6,370.62	96.14	73.22	111.30	-3,979.07	-2,790.68	698.94	537.32	161.62	4.325		
8,500.00	6,362.85	7,583.69	6,436.89	97.53	74.19	112.23	-4,015.77	-2,823.62	720.53	557.65	162.88	4.424		
8,600.00	6,430.11	7,683.19	6,515.63	98.91	75.38	113.11	-4,059.84	-2,865.54	743.63	578.87	164.76	4.513		
8,700.00	6,497.37	7,782.59	6,593.87	100.29	76.59	113.90	-4,104.81	-2,907.24	765.97	599.29	166.68	4.596		
8,800.00	6,564.63	7,861.00	6,655.74	101.68	77.53	114.50	-4,139.69	-2,940.44	789.33	621.43	167.90	4.701		
8,900.00	6,631.89	7,938.98	6,717.78	103.06	78.48	115.09	-4,172.48	-2,974.45	815.41	646.39	169.02	4.824		
9,000.00	6,699.15	8,023.64	6,784.80	104.45	79.50	115.64	-4,207.22	-3,012.77	843.25	672.83	170.42	4.948		
9,100.00	6,766.42	8,112.24	6,855.29	105.83	80.58	116.21	-4,242.70	-3,053.03	872.11	700.14	171.97	5.071		
9,200.00	6,833.68	8,184.00	6,912.71	107.22	81.44	116.68	-4,270.87	-3,085.59	901.94	729.20	172.74	5.221		
9,300.00	6,900.94	8,256.24	6,970.34	108.60	82.32	117.09	-4,297.92	-3,119.72	934.19	760.67	173.53	5.384		
9,400.00	6,968.20	8,306.20	7,009.37	109.98	82.97	117.25	-4,315.40	-3,145.50	970.30	797.08	173.21	5.602		
9,500.00	7,035.46	8,348.68	7,039.97	111.37	83.56	117.13	-4,329.69	-3,171.24	1,010.95	838.46	172.48	5.861		
9,600.00	7,101.31	8,375.00	7,057.44	112.79	83.93	108.33	-4,338.22	-3,188.98	1,052.99	882.84	170.15	6.189		
9,700.00	7,161.49	8,444.95	7,099.53	114.30	85.05	99.06	-4,359.73	-3,240.49	1,086.93	915.80	171.13	6.352		
9,800.00	7,214.06	8,504.48	7,130.87	115.85	86.06	92.27	-4,376.87	-3,288.09	1,112.26	941.39	170.87	6.509		
9,900.00	7,257.41	8,565.00	7,158.50	117.39	87.11	87.65	-4,393.85	-3,339.17	1,127.34	956.88	170.47	6.613		
10,000.00	7,290.24	8,612.16	7,177.04	118.87	87.96	84.88	-4,405.95	-3,380.79	1,132.95	964.52	168.43	6.727		
10,100.00	7,311.53	8,661.00	7,193.46	120.23	88.85	83.84	-4,416.41	-3,425.57	1,129.97	963.61	166.36	6.792		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-15-7N - 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					
10,200.00	7,320.66	8,743.28	7,216.01	121.43	90.36	84.81	-4,432.55	-3,503.02	1,116.74	948.28	168.47	6.629					
10,300.00	7,321.00	8,788.13	7,225.97	122.51	91.18	85.59	-4,440.91	-3,545.94	1,096.65	930.66	165.99	6.607					
10,400.00	7,321.00	8,852.00	7,236.90	123.62	92.35	86.14	-4,448.42	-3,608.38	1,082.43	916.72	165.71	6.532					
10,500.00	7,321.00	8,852.00	7,236.90	124.77	92.35	86.14	-4,448.42	-3,608.38	1,072.48	916.30	156.18	6.867					
10,600.00	7,321.00	8,917.45	7,242.17	125.95	93.48	86.41	-4,451.55	-3,673.49	1,067.74	912.21	155.53	6.865					
10,651.86	7,321.00	8,947.00	7,241.96	126.58	94.00	86.40	-4,451.77	-3,703.04	1,067.31	912.87	154.44	6.911					
10,700.00	7,321.00	8,999.01	7,241.07	127.17	94.89	86.35	-4,451.73	-3,755.04	1,067.43	910.39	157.03	6.797					
10,800.00	7,321.00	9,134.85	7,243.50	128.43	97.29	86.47	-4,454.31	-3,890.82	1,065.48	898.78	166.69	6.392					
10,900.00	7,321.00	9,264.50	7,245.10	129.72	99.72	86.54	-4,461.09	-4,020.28	1,060.17	884.70	175.47	6.042					
11,000.00	7,321.00	9,354.88	7,247.51	131.05	101.45	86.65	-4,467.13	-4,110.43	1,053.44	874.83	178.61	5.898					
11,100.00	7,321.00	9,425.00	7,246.97	132.41	102.80	86.61	-4,469.51	-4,180.49	1,049.86	871.19	178.67	5.876					
11,200.00	7,321.00	9,529.14	7,243.51	133.81	104.80	86.41	-4,471.95	-4,284.55	1,047.79	864.06	183.73	5.703					
11,300.00	7,321.00	9,598.81	7,242.38	135.25	106.15	86.35	-4,473.05	-4,354.19	1,046.26	862.60	183.66	5.697					
11,320.20	7,321.00	9,616.00	7,242.39	135.54	106.48	86.35	-4,473.06	-4,371.38	1,046.25	862.13	184.12	5.682					
11,400.00	7,321.00	9,693.95	7,243.05	136.72	108.01	86.39	-4,472.85	-4,449.32	1,046.44	858.88	187.56	5.579					
11,500.00	7,321.00	9,797.73	7,245.02	138.22	110.06	86.49	-4,472.75	-4,553.09	1,046.45	853.57	192.89	5.425					
11,600.00	7,321.00	9,895.98	7,246.62	139.76	112.04	86.58	-4,472.80	-4,651.32	1,046.33	848.95	197.38	5.301					
11,606.00	7,321.00	9,901.84	7,246.64	139.86	112.16	86.58	-4,472.81	-4,657.18	1,046.33	848.69	197.65	5.294					
11,700.00	7,321.00	9,988.42	7,247.27	141.34	113.93	86.62	-4,472.49	-4,743.76	1,046.66	845.69	200.97	5.208					
11,800.00	7,321.00	10,077.56	7,247.63	142.94	115.76	86.64	-4,471.42	-4,832.89	1,047.87	843.82	204.05	5.135					
11,900.00	7,321.00	10,203.85	7,248.15	144.58	118.40	86.67	-4,471.01	-4,959.17	1,048.16	835.14	213.02	4.920					
11,928.12	7,321.00	10,223.98	7,248.36	145.04	118.82	86.68	-4,471.08	-4,979.30	1,048.06	834.91	213.15	4.917					
12,000.00	7,321.00	10,284.00	7,247.94	146.25	120.09	86.66	-4,470.44	-5,039.31	1,048.81	834.06	214.75	4.884					
12,100.00	7,321.00	10,370.78	7,246.43	147.95	121.92	86.59	-4,468.53	-5,126.06	1,051.06	833.59	217.47	4.833					
12,200.00	7,321.00	10,484.67	7,244.65	149.67	124.37	86.50	-4,466.59	-5,239.91	1,052.90	828.37	224.53	4.689					
12,300.00	7,321.00	10,601.94	7,242.89	151.43	126.93	86.40	-4,466.87	-5,357.17	1,052.72	820.61	232.11	4.535					
12,400.00	7,321.00	10,701.45	7,241.15	153.22	129.14	86.30	-4,467.22	-5,456.66	1,052.51	815.58	236.92	4.442					
12,500.00	7,321.00	10,826.20	7,238.37	155.04	131.95	86.14	-4,469.57	-5,581.36	1,050.81	805.21	245.60	4.278					
12,600.00	7,321.00	10,925.36	7,235.62	156.88	134.21	85.98	-4,472.92	-5,680.41	1,047.66	797.30	250.36	4.185					
12,700.00	7,321.00	11,004.70	7,233.28	158.75	136.03	85.85	-4,474.71	-5,759.70	1,045.70	793.61	252.09	4.148					
12,733.32	7,321.00	11,029.50	7,233.05	159.38	136.59	85.83	-4,474.84	-5,784.50	1,045.56	793.15	252.41	4.142					
12,800.00	7,321.00	11,091.58	7,233.27	160.65	138.01	85.85	-4,474.54	-5,846.58	1,045.87	790.83	255.04	4.101					
12,900.00	7,321.00	11,211.18	7,233.98	162.57	140.77	85.89	-4,474.80	-5,966.17	1,045.70	782.50	263.19	3.973					
13,000.00	7,321.00	11,319.62	7,234.78	164.51	143.30	85.92	-4,477.04	-6,074.59	1,043.59	774.02	269.58	3.871					
13,100.00	7,321.00	11,419.78	7,233.71	166.48	145.66	85.85	-4,479.42	-6,174.71	1,041.33	766.70	274.63	3.792					
13,200.00	7,321.00	11,523.59	7,230.24	168.48	148.12	85.65	-4,482.23	-6,278.42	1,038.91	758.75	280.16	3.708					
13,277.10	7,321.00	11,573.50	7,228.25	170.03	149.29	85.54	-4,483.10	-6,328.28	1,037.85	758.10	279.75	3.710					
13,300.00	7,321.00	11,587.93	7,227.79	170.49	149.64	85.51	-4,483.08	-6,342.70	1,037.95	758.40	279.54	3.713					
13,400.00	7,321.00	11,657.24	7,226.41	172.52	151.26	85.44	-4,481.45	-6,411.97	1,040.41	760.86	279.55	3.722					
13,500.00	7,321.00	11,737.56	7,227.47	174.58	153.13	85.52	-4,477.48	-6,492.18	1,045.24	763.84	281.40	3.714					
13,600.00	7,321.00	11,829.16	7,229.36	176.66	155.27	85.65	-4,471.85	-6,583.59	1,051.24	766.05	285.20	3.686					
13,700.00	7,321.00	11,918.62	7,230.58	178.75	157.35	85.74	-4,465.51	-6,672.82	1,058.23	769.61	288.61	3.667					
13,800.00	7,321.00	12,064.34	7,230.36	180.87	160.79	85.76	-4,457.49	-6,818.26	1,063.89	762.38	301.51	3.529					
13,900.00	7,321.00	12,196.32	7,230.70	183.00	163.99	85.78	-4,456.75	-6,950.22	1,064.14	752.35	311.79	3.413					
14,000.00	7,321.00	12,301.29	7,229.51	185.15	166.55	85.72	-4,457.05	-7,055.18	1,063.97	746.28	317.69	3.349					
14,100.00	7,321.00	12,402.02	7,226.94	187.32	169.02	85.57	-4,457.62	-7,155.88	1,063.63	740.75	322.88	3.294					
14,200.00	7,321.00	12,514.18	7,223.25	189.50	171.79	85.37	-4,459.03	-7,267.96	1,062.67	732.90	329.77	3.222					
14,300.00	7,321.00	12,623.83	7,223.59	191.70	174.51	85.38	-4,461.44	-7,377.59	1,060.47	724.05	336.42	3.152					
14,400.00	7,321.00	12,709.89	7,223.73	193.92	176.65	85.38	-4,463.39	-7,463.62	1,058.29	718.77	339.52	3.117					
14,500.00	7,321.00	12,828.53	7,225.15	196.15	179.61	85.45	-4,464.06	-7,582.24	1,057.93	710.35	347.58	3.044					
14,600.00	7,321.00	12,926.69	7,227.24	198.39	182.07	85.55	-4,467.76	-7,680.31	1,054.06	701.46	352.60	2.989					
14,700.00	7,321.00	13,052.00	7,229.08	200.65	185.23	85.63	-4,473.34	-7,805.44	1,049.39	687.85	361.54	2.903					

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
14,800.00	7,321.00	13,118.06	7,230.80	202.92	186.90	85.71	-4,476.78	-7,871.38	1,044.64	682.79	361.85	2.887		
14,849.14	7,321.00	13,147.00	7,231.07	204.04	187.63	85.72	-4,476.89	-7,900.31	1,044.32	683.01	361.31	2.890		
14,900.00	7,321.00	13,201.37	7,231.16	205.20	189.00	85.73	-4,476.71	-7,954.68	1,044.52	679.99	364.53	2.865		
14,985.08	7,321.00	13,283.01	7,230.60	207.15	191.05	85.69	-4,477.42	-8,036.31	1,043.87	675.45	368.43	2.833		
15,000.00	7,321.00	13,293.93	7,230.41	207.50	191.32	85.68	-4,477.42	-8,047.24	1,043.90	675.33	368.57	2.832		
15,100.00	7,321.00	13,395.36	7,228.32	209.80	193.87	85.57	-4,476.48	-8,148.64	1,045.02	671.06	373.96	2.794		
15,200.00	7,321.00	13,498.92	7,228.26	212.12	196.49	85.57	-4,476.95	-8,252.19	1,044.59	664.81	379.78	2.751		
15,209.41	7,321.00	13,507.31	7,228.21	212.34	196.70	85.56	-4,476.96	-8,260.59	1,044.58	664.48	380.11	2.748		
15,300.00	7,321.00	13,594.63	7,227.54	214.45	198.91	85.53	-4,476.83	-8,347.90	1,044.80	660.47	384.33	2.719		
15,400.00	7,321.00	13,695.83	7,227.13	216.79	201.48	85.51	-4,476.60	-8,449.10	1,045.09	655.32	389.77	2.681		
15,500.00	7,321.00	13,801.76	7,225.90	219.15	204.17	85.44	-4,476.78	-8,555.02	1,045.05	649.13	395.92	2.640		
15,515.50	7,321.00	13,818.35	7,225.61	219.51	204.59	85.42	-4,476.88	-8,571.61	1,044.98	648.09	396.89	2.633		
15,600.00	7,321.00	13,869.15	7,225.25	221.51	205.88	85.41	-4,476.28	-8,622.40	1,046.00	650.10	395.90	2.642		
15,700.00	7,321.00	13,945.62	7,226.23	223.88	207.81	85.47	-4,472.78	-8,698.78	1,050.35	653.11	397.24	2.644		
15,800.00	7,321.00	14,049.10	7,226.85	226.26	210.42	85.53	-4,467.88	-8,802.15	1,055.06	651.86	403.20	2.617		
15,900.00	7,321.00	14,187.49	7,226.97	228.65	213.93	85.56	-4,462.97	-8,940.43	1,058.90	644.03	414.87	2.552		
16,000.00	7,321.00	14,356.28	7,231.09	231.04	218.29	85.75	-4,469.12	-9,109.01	1,054.04	623.65	430.40	2.449		
16,100.00	7,321.00	14,464.05	7,234.45	233.45	221.09	85.91	-4,474.92	-9,216.57	1,048.50	611.65	436.85	2.400		
16,200.00	7,321.00	14,556.43	7,236.70	235.86	223.49	86.02	-4,480.42	-9,308.76	1,042.43	601.22	441.21	2.363		
16,300.00	7,321.00	14,655.21	7,237.25	238.28	226.06	86.03	-4,485.71	-9,407.40	1,037.09	590.73	446.36	2.323		
16,400.00	7,321.00	14,764.97	7,237.97	240.71	228.91	86.04	-4,492.12	-9,516.97	1,031.25	578.26	452.99	2.277		
16,500.00	7,321.00	14,856.89	7,238.74	243.15	231.31	86.06	-4,497.65	-9,608.71	1,025.22	567.99	457.23	2.242		
16,600.00	7,321.00	14,926.68	7,238.42	245.59	233.13	86.03	-4,500.68	-9,678.44	1,021.00	562.78	458.22	2.228		
16,700.00	7,321.00	15,006.84	7,235.84	248.05	235.21	85.89	-4,501.96	-9,758.54	1,019.59	559.22	460.37	2.215		
16,775.62	7,321.00	15,075.17	7,232.59	249.90	236.97	85.70	-4,502.49	-9,826.79	1,019.29	556.22	463.07	2.201		
16,800.00	7,321.00	15,096.47	7,231.76	250.50	237.53	85.65	-4,502.53	-9,848.07	1,019.33	555.50	463.83	2.198		
16,900.00	7,321.00	15,191.87	7,230.14	252.97	240.00	85.57	-4,501.93	-9,943.46	1,020.10	551.77	468.33	2.178		
17,000.00	7,321.00	15,305.41	7,227.75	255.44	242.95	85.43	-4,501.93	-10,056.97	1,020.31	544.61	475.70	2.145		
17,077.52	7,321.00	15,377.15	7,225.88	257.35	244.81	85.32	-4,502.60	-10,128.69	1,019.80	540.99	478.81	2.130		
17,100.00	7,321.00	15,394.29	7,225.69	257.91	245.26	85.31	-4,502.58	-10,145.82	1,019.86	540.72	479.14	2.129		
17,200.00	7,321.00	15,497.03	7,226.61	260.39	247.93	85.37	-4,501.40	-10,248.54	1,020.98	536.02	484.96	2.105		
17,300.00	7,321.00	15,608.48	7,227.97	262.88	250.83	85.45	-4,501.98	-10,359.99	1,020.36	528.19	492.17	2.073		
17,365.84	7,321.00	15,665.51	7,227.92	264.52	252.32	85.44	-4,502.35	-10,417.01	1,019.97	525.69	494.28	2.064		
17,400.00	7,321.00	15,692.85	7,227.65	265.37	253.03	85.43	-4,502.29	-10,444.35	1,020.09	525.10	494.99	2.061		
17,500.00	7,321.00	15,821.96	7,225.14	267.87	256.41	85.28	-4,502.61	-10,573.43	1,020.24	515.50	504.74	2.021		
17,600.00	7,321.00	15,914.00	7,223.24	270.37	258.82	85.17	-4,504.19	-10,665.44	1,018.71	509.95	508.76	2.002		
17,700.00	7,321.00	16,006.12	7,220.68	272.88	261.23	85.02	-4,505.16	-10,757.51	1,017.90	505.18	512.72	1.985		
17,745.20	7,321.00	16,045.00	7,219.41	274.02	262.25	84.95	-4,505.53	-10,796.37	1,017.64	503.59	514.06	1.980 SF		
17,800.00	7,321.00	16,045.00	7,219.41	275.40	262.25	84.95	-4,505.53	-10,796.37	1,019.12	511.61	507.51	2.008		
17,900.00	7,321.00	16,045.00	7,219.41	277.91	262.25	84.95	-4,505.53	-10,796.37	1,029.35	537.16	492.19	2.091		
18,000.00	7,321.00	16,045.00	7,219.41	280.43	262.25	84.95	-4,505.53	-10,796.37	1,049.06	575.91	473.15	2.217		
18,100.00	7,321.00	16,045.00	7,219.41	282.97	262.25	84.90	-4,505.53	-10,796.37	1,078.78	627.37	451.41	2.390		
18,200.00	7,321.00	16,045.00	7,219.41	285.53	262.25	84.82	-4,505.53	-10,796.37	1,119.77	691.39	428.38	2.614		
18,300.00	7,321.00	16,045.00	7,219.41	288.11	262.25	84.71	-4,505.53	-10,796.37	1,170.85	765.56	405.29	2.889		
18,400.00	7,321.00	16,045.00	7,219.41	290.70	262.25	84.57	-4,505.53	-10,796.37	1,230.72	847.60	383.12	3.212		
18,500.00	7,321.00	16,045.00	7,219.41	293.30	262.25	84.40	-4,505.53	-10,796.37	1,298.09	935.54	362.54	3.580		
18,600.00	7,321.00	16,045.00	7,219.41	295.90	262.25	84.37	-4,505.53	-10,796.37	1,370.92	1,027.25	343.67	3.989		
18,700.00	7,321.00	16,045.00	7,219.41	298.50	262.25	84.37	-4,505.53	-10,796.37	1,447.03	1,120.85	326.17	4.436		
18,800.00	7,321.00	16,045.00	7,219.41	301.11	262.25	84.37	-4,505.53	-10,796.37	1,525.89	1,215.82	310.07	4.921		
18,900.00	7,321.00	16,045.00	7,219.41	303.72	262.25	84.37	-4,505.53	-10,796.37	1,607.11	1,311.82	295.29	5.442		
19,000.00	7,321.00	16,045.00	7,219.41	306.32	262.25	84.37	-4,505.53	-10,796.37	1,690.34	1,408.56	281.78	5.999		
19,100.00	7,321.00	16,045.00	7,219.41	308.93	262.25	84.37	-4,505.53	-10,796.37	1,775.31	1,505.87	269.44	6.589		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
19,200.00	7,321.00	16,045.00	7,219.41	311.54	262.25	84.37	-4,505.53	-10,796.37	1,861.77	1,603.60	258.17	7.211	
19,300.00	7,321.00	16,045.00	7,219.41	314.16	262.25	84.37	-4,505.53	-10,796.37	1,949.52	1,701.64	247.88	7.865	
19,400.00	7,321.00	16,045.00	7,219.41	316.77	262.25	84.37	-4,505.53	-10,796.37	2,038.40	1,799.92	238.49	8.547	
19,500.00	7,321.00	16,045.00	7,219.41	319.38	262.25	84.37	-4,505.53	-10,796.37	2,128.27	1,898.37	229.90	9.257	
19,600.00	7,321.00	16,045.00	7,219.41	322.00	262.25	84.37	-4,505.53	-10,796.37	2,219.01	1,996.96	222.04	9.994	
19,700.00	7,321.00	16,045.00	7,219.41	324.61	262.25	84.37	-4,505.53	-10,796.37	2,310.51	2,095.66	214.85	10.754	
19,800.00	7,321.00	16,045.00	7,219.41	327.23	262.25	84.70	-4,505.53	-10,796.37	2,402.30	2,194.21	208.10	11.544	
19,900.00	7,321.00	16,045.00	7,219.41	329.85	262.25	85.10	-4,505.53	-10,796.37	2,493.41	2,292.01	201.40	12.381	
20,000.00	7,321.00	16,045.00	7,219.41	332.46	262.25	85.44	-4,505.53	-10,796.37	2,583.77	2,389.01	194.75	13.267	
20,100.00	7,321.00	16,045.00	7,219.41	335.06	262.25	85.75	-4,505.53	-10,796.37	2,673.34	2,485.16	188.18	14.206	
20,200.00	7,321.00	16,045.00	7,219.41	337.65	262.25	86.03	-4,505.53	-10,796.37	2,762.10	2,580.40	181.70	15.201	
20,300.00	7,321.00	16,045.00	7,219.41	340.22	262.25	86.14	-4,505.53	-10,796.37	2,850.31	2,674.91	175.40	16.250	
20,400.00	7,321.00	16,045.00	7,219.41	342.79	262.25	86.14	-4,505.53	-10,796.37	2,939.14	2,769.56	169.58	17.332	
20,500.00	7,321.00	16,045.00	7,219.41	345.37	262.25	86.14	-4,505.53	-10,796.37	3,028.66	2,864.42	164.24	18.441	
20,600.00	7,321.00	16,045.00	7,219.41	347.95	262.25	86.14	-4,505.53	-10,796.37	3,118.83	2,959.48	159.34	19.573	
20,700.00	7,321.00	16,045.00	7,219.41	350.53	262.25	86.14	-4,505.53	-10,796.37	3,209.57	3,054.72	154.85	20.726	
20,800.00	7,321.00	16,045.00	7,219.41	353.11	262.25	86.14	-4,505.53	-10,796.37	3,300.85	3,150.10	150.75	21.896	
20,900.00	7,321.00	16,045.00	7,219.41	355.70	262.25	86.14	-4,505.53	-10,796.37	3,392.62	3,245.62	147.00	23.079	
20,976.29	7,321.00	16,045.00	7,219.41	357.67	262.25	86.14	-4,505.53	-10,796.37	3,462.93	3,318.57	144.36	23.987	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	0.00	0.00	0.00	0.00	74.05	6.20	21.68	22.55					
100.00	100.00	100.00	100.00	0.27	0.27	74.05	6.20	21.68	22.55	22.01	0.54	41.938		
200.00	200.00	200.00	200.00	0.63	0.63	74.05	6.20	21.68	22.55	21.30	1.25	17.973		
300.00	300.00	300.00	300.00	0.99	0.99	74.05	6.20	21.68	22.55	20.58	1.97	11.438		
400.00	400.00	400.48	400.46	1.34	1.33	77.59	4.61	20.93	21.43	18.76	2.68	8.011		
500.00	499.98	500.82	500.65	1.69	1.68	-121.63	-0.16	18.67	19.54	16.18	3.36	5.818		
600.00	599.84	601.03	600.48	2.03	2.03	-111.64	-8.08	14.92	18.25	14.20	4.05	4.503		
700.00	699.45	701.12	699.81	2.38	2.41	-100.44	-19.14	9.68	17.72	12.93	4.79	3.701		
714.37	713.74	715.49	714.04	2.43	2.47	-98.78	-20.98	8.80	17.71	12.81	4.90	3.615 CC		
800.00	798.70	801.08	798.53	2.75	2.82	-89.02	-33.30	2.96	18.02	12.45	5.57	3.236		
900.00	897.47	900.92	896.52	3.15	3.25	-78.46	-50.55	-5.21	19.12	12.73	6.38	2.994		
1,000.00	995.62	1,000.64	993.67	3.57	3.72	-69.48	-70.84	-14.82	20.91	13.68	7.23	2.892		
1,100.00	1,093.06	1,100.23	1,089.87	4.03	4.23	-62.23	-94.15	-25.87	23.23	15.14	8.09	2.871		
1,200.00	1,189.64	1,199.70	1,184.99	4.53	4.78	-56.55	-120.43	-38.32	25.94	16.97	8.97	2.893		
1,300.00	1,285.27	1,299.05	1,278.93	5.08	5.38	-52.17	-149.64	-52.16	28.95	19.08	9.87	2.933		
1,400.00	1,379.82	1,398.28	1,371.58	5.66	6.02	-48.80	-181.73	-67.37	32.17	21.37	10.80	2.978		
1,500.00	1,473.17	1,497.39	1,462.83	6.30	6.71	-46.22	-216.66	-83.92	35.54	23.77	11.76	3.021		
1,600.00	1,565.21	1,596.38	1,552.59	6.98	7.44	-44.25	-254.38	-101.79	39.03	26.26	12.76	3.057		
1,700.00	1,655.84	1,695.26	1,640.75	7.72	8.23	-42.74	-294.83	-120.96	42.60	28.79	13.81	3.085		
1,800.00	1,744.94	1,794.02	1,727.21	8.51	9.07	-41.61	-337.95	-141.39	46.25	31.34	14.91	3.102		
1,900.00	1,832.39	1,892.67	1,811.88	9.35	9.95	-40.77	-383.68	-163.06	49.95	33.89	16.06	3.110		
2,000.00	1,918.11	1,991.20	1,894.67	10.25	10.89	-40.17	-431.96	-185.94	53.69	36.41	17.27	3.108		
2,100.00	2,001.97	2,089.63	1,975.48	11.19	11.88	-39.75	-482.74	-210.00	57.46	38.91	18.55	3.098		
2,200.00	2,083.88	2,187.95	2,054.23	12.20	12.91	-39.49	-535.93	-235.21	61.26	41.36	19.89	3.079		
2,300.00	2,163.74	2,286.16	2,130.83	13.25	13.99	-39.37	-591.47	-261.52	65.07	43.76	21.31	3.054		
2,400.00	2,241.45	2,384.28	2,205.20	14.35	15.12	-39.35	-649.28	-288.92	68.90	46.10	22.80	3.022		
2,500.00	2,316.92	2,482.29	2,277.27	15.51	16.29	-39.41	-709.31	-317.36	72.73	48.36	24.37	2.985		
2,600.00	2,390.05	2,580.20	2,346.95	16.71	17.50	-39.56	-771.46	-346.81	76.58	50.56	26.02	2.943		
2,700.00	2,460.76	2,678.02	2,414.18	17.96	18.76	-39.77	-835.66	-377.24	80.42	52.66	27.75	2.898		
2,800.00	2,528.98	2,775.74	2,478.88	19.26	20.06	-40.03	-901.84	-408.60	84.28	54.71	29.57	2.851		
2,900.00	2,596.24	2,873.27	2,540.93	20.59	21.40	-39.50	-969.83	-440.81	89.81	58.67	31.14	2.884		
3,000.00	2,663.50	2,972.50	2,602.28	21.92	22.79	-38.20	-1,040.31	-474.21	97.18	64.64	32.53	2.987		
3,100.00	2,730.76	3,072.20	2,663.87	23.25	24.20	-37.05	-1,111.16	-507.78	104.64	70.67	33.97	3.080		
3,200.00	2,798.02	3,171.90	2,725.46	24.60	25.61	-36.06	-1,182.01	-541.36	112.14	76.71	35.43	3.165		
3,300.00	2,865.28	3,271.60	2,787.05	25.94	27.03	-35.19	-1,252.86	-574.93	119.67	82.77	36.89	3.244		
3,400.00	2,932.54	3,371.30	2,848.64	27.30	28.45	-34.43	-1,323.71	-608.50	127.22	88.85	38.37	3.315		
3,500.00	2,999.80	3,471.00	2,910.23	28.65	29.88	-33.75	-1,394.56	-642.07	134.79	94.93	39.86	3.382		
3,600.00	3,067.06	3,570.70	2,971.82	30.01	31.30	-33.14	-1,465.41	-675.64	142.38	101.02	41.35	3.443		
3,700.00	3,134.32	3,670.40	3,033.41	31.37	32.73	-32.60	-1,536.26	-709.22	149.98	107.12	42.86	3.500		
3,800.00	3,201.59	3,770.10	3,095.01	32.73	34.17	-32.10	-1,607.11	-742.79	157.60	113.23	44.37	3.552		
3,900.00	3,268.85	3,869.81	3,156.60	34.09	35.60	-31.66	-1,677.96	-776.36	165.22	119.34	45.88	3.601		
4,000.00	3,336.11	3,969.51	3,218.19	35.46	37.04	-31.25	-1,748.81	-809.93	172.86	125.45	47.40	3.646		
4,100.00	3,403.37	4,069.21	3,279.78	36.83	38.47	-30.88	-1,819.66	-843.51	180.50	131.57	48.93	3.689		
4,200.00	3,470.63	4,168.91	3,341.37	38.20	39.91	-30.53	-1,890.51	-877.08	188.15	137.69	50.46	3.729		
4,300.00	3,537.89	4,268.61	3,402.96	39.57	41.35	-30.22	-1,961.36	-910.65	195.81	143.81	51.99	3.766		
4,400.00	3,605.15	4,368.31	3,464.55	40.94	42.80	-29.93	-2,032.21	-944.22	203.47	149.94	53.53	3.801		
4,500.00	3,672.41	4,468.01	3,526.14	42.31	44.24	-29.65	-2,103.06	-977.80	211.14	156.07	55.07	3.834		
4,600.00	3,739.67	4,567.71	3,587.73	43.68	45.68	-29.40	-2,173.91	-1,011.37	218.81	162.19	56.62	3.865		
4,700.00	3,806.93	4,667.41	3,649.32	45.06	47.13	-29.17	-2,244.76	-1,044.94	226.48	168.32	58.16	3.894		
4,800.00	3,874.19	4,767.11	3,710.92	46.43	48.57	-28.95	-2,315.61	-1,078.51	234.16	174.45	59.71	3.922		
4,900.00	3,941.46	4,866.81	3,772.51	47.81	50.02	-28.74	-2,386.46	-1,112.09	241.84	180.58	61.26	3.948		
5,000.00	4,008.72	4,966.52	3,834.10	49.18	51.46	-28.55	-2,457.31	-1,145.66	249.53	186.71	62.81	3.972		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,075.98	5,066.22	3,895.69	50.56	52.91	-28.37	-2,528.16	-1,179.23	257.22	192.85	64.37	3.996		
5,200.00	4,143.24	5,165.92	3,957.28	51.94	54.36	-28.20	-2,599.01	-1,212.80	264.91	198.98	65.93	4.018		
5,300.00	4,210.50	5,265.62	4,018.87	53.31	55.81	-28.04	-2,669.86	-1,246.38	272.60	205.11	67.48	4.039		
5,400.00	4,277.76	5,365.32	4,080.46	54.69	57.26	-27.88	-2,740.71	-1,279.95	280.29	211.25	69.04	4.060		
5,500.00	4,345.02	5,465.02	4,142.05	56.07	58.70	-27.74	-2,811.56	-1,313.52	287.99	217.38	70.60	4.079		
5,600.00	4,412.28	5,564.72	4,203.64	57.45	60.15	-27.60	-2,882.41	-1,347.09	295.68	223.52	72.17	4.097		
5,700.00	4,479.54	5,664.42	4,265.24	58.83	61.60	-27.47	-2,953.26	-1,380.67	303.38	229.66	73.73	4.115		
5,800.00	4,546.80	5,764.12	4,326.83	60.21	63.05	-27.35	-3,024.11	-1,414.24	311.08	235.79	75.29	4.132		
5,900.00	4,614.07	5,863.82	4,388.42	61.59	64.50	-27.23	-3,094.96	-1,447.81	318.79	241.93	76.86	4.148		
6,000.00	4,681.33	5,963.52	4,450.01	62.97	65.96	-27.12	-3,165.81	-1,481.38	326.49	248.06	78.43	4.163		
6,100.00	4,748.59	6,063.22	4,511.60	64.35	67.41	-27.01	-3,236.66	-1,514.96	334.19	254.20	79.99	4.178		
6,200.00	4,815.85	6,162.93	4,573.19	65.73	68.86	-26.91	-3,307.51	-1,548.53	341.90	260.34	81.56	4.192		
6,300.00	4,883.11	6,262.63	4,634.78	67.11	70.31	-26.81	-3,378.36	-1,582.10	349.61	266.48	83.13	4.206		
6,400.00	4,950.37	6,362.33	4,696.37	68.49	71.76	-26.72	-3,449.21	-1,615.67	357.31	272.61	84.70	4.219		
6,500.00	5,017.63	6,462.03	4,757.96	69.87	73.21	-26.63	-3,520.06	-1,649.25	365.02	278.75	86.27	4.231		
6,600.00	5,084.89	6,561.73	4,819.55	71.25	74.66	-26.55	-3,590.91	-1,682.82	372.73	284.89	87.84	4.243		
6,700.00	5,152.15	6,661.43	4,881.15	72.63	76.12	-26.46	-3,661.76	-1,716.39	380.44	291.03	89.41	4.255		
6,800.00	5,219.41	6,761.13	4,942.74	74.02	77.57	-26.38	-3,732.61	-1,749.96	388.15	297.17	90.99	4.266		
6,900.00	5,286.67	6,860.83	5,004.33	75.40	79.02	-26.31	-3,803.45	-1,783.54	395.86	303.31	92.56	4.277		
7,000.00	5,353.94	6,960.53	5,065.92	76.78	80.47	-26.24	-3,874.30	-1,817.11	403.58	309.44	94.13	4.287		
7,100.00	5,421.20	7,060.23	5,127.51	78.16	81.93	-26.17	-3,945.15	-1,850.68	411.29	315.58	95.71	4.297		
7,200.00	5,488.46	7,159.93	5,189.10	79.55	83.38	-26.10	-4,016.00	-1,884.25	419.00	321.72	97.28	4.307		
7,300.00	5,555.72	7,259.64	5,250.69	80.93	84.83	-26.03	-4,086.85	-1,917.83	426.72	327.86	98.86	4.317		
7,400.00	5,622.98	7,359.34	5,312.28	82.31	86.29	-25.97	-4,157.70	-1,951.40	434.43	334.00	100.43	4.326		
7,500.00	5,690.24	7,459.04	5,373.87	83.69	87.74	-25.91	-4,228.55	-1,984.97	442.15	340.14	102.01	4.334		
7,600.00	5,757.50	7,558.74	5,435.46	85.08	89.19	-25.85	-4,299.40	-2,018.54	449.86	346.28	103.58	4.343		
7,700.00	5,824.76	7,658.44	5,497.06	86.46	90.65	-25.79	-4,370.25	-2,052.12	457.58	352.42	105.16	4.351		
7,800.00	5,892.02	7,758.14	5,558.65	87.84	92.10	-25.74	-4,441.10	-2,085.69	465.29	358.56	106.74	4.359		
7,900.00	5,959.28	7,857.84	5,620.24	89.23	93.56	-25.69	-4,511.95	-2,119.26	473.01	364.70	108.31	4.367		
8,000.00	6,026.55	7,957.54	5,681.83	90.61	95.01	-25.64	-4,582.80	-2,152.83	480.73	370.84	109.89	4.375		
8,100.00	6,093.81	8,057.24	5,743.42	91.99	96.46	-25.59	-4,653.65	-2,186.41	488.44	376.97	111.47	4.382		
8,200.00	6,161.07	8,156.94	5,805.01	93.38	97.92	-25.54	-4,724.50	-2,219.98	496.16	383.11	113.05	4.389		
8,300.00	6,228.33	8,256.64	5,866.60	94.76	99.37	-25.49	-4,795.35	-2,253.55	503.88	389.25	114.63	4.396		
8,400.00	6,295.59	8,356.35	5,928.19	96.14	100.83	-25.45	-4,866.20	-2,287.12	511.60	395.39	116.21	4.403		
8,500.00	6,362.85	8,456.05	5,989.78	97.53	102.28	-25.40	-4,937.05	-2,320.70	519.32	401.53	117.78	4.409		
8,600.00	6,430.11	8,555.75	6,051.38	98.91	103.74	-25.36	-5,007.90	-2,354.27	527.04	407.67	119.36	4.415		
8,700.00	6,497.37	8,655.45	6,112.97	100.29	105.19	-25.32	-5,078.75	-2,387.84	534.76	413.81	120.94	4.422		
8,800.00	6,564.63	8,755.15	6,174.56	101.68	106.65	-25.28	-5,149.60	-2,421.41	542.48	419.95	122.52	4.428		
8,900.00	6,631.89	8,854.85	6,236.15	103.06	108.10	-25.24	-5,220.45	-2,454.99	550.20	426.09	124.10	4.433		
9,000.00	6,699.15	8,954.55	6,297.74	104.45	109.55	-25.20	-5,291.30	-2,488.56	557.92	432.23	125.68	4.439		
9,100.00	6,766.42	9,054.25	6,359.33	105.83	111.01	-25.16	-5,362.15	-2,522.13	565.64	438.37	127.26	4.445		
9,200.00	6,833.68	9,153.95	6,420.92	107.22	112.46	-25.13	-5,433.00	-2,555.70	573.36	444.51	128.84	4.450		
9,300.00	6,900.94	9,253.65	6,482.51	108.60	113.92	-25.09	-5,503.85	-2,589.28	581.08	450.65	130.43	4.455		
9,400.00	6,968.20	9,353.35	6,544.10	109.98	115.37	-25.06	-5,574.70	-2,622.85	588.80	456.79	132.01	4.460		
9,500.00	7,035.46	9,453.06	6,605.69	111.37	116.83	-25.03	-5,645.55	-2,656.42	596.52	462.93	133.59	4.465		
9,600.00	7,101.31	9,552.51	6,667.13	112.79	118.28	-30.97	-5,716.22	-2,689.91	604.75	468.56	136.19	4.441		
9,700.00	7,161.49	9,649.56	6,727.09	114.30	119.70	-38.50	-5,785.19	-2,722.59	614.99	472.82	142.17	4.326		
9,800.00	7,214.06	9,758.49	6,793.34	115.85	121.31	-45.78	-5,861.40	-2,763.18	627.93	476.76	151.16	4.154		
9,900.00	7,257.41	9,888.35	6,864.56	117.39	123.35	-51.97	-5,943.28	-2,834.00	641.04	482.44	158.60	4.042		
10,000.00	7,290.24	10,031.62	6,928.81	118.87	125.60	-56.67	-6,017.09	-2,938.14	652.60	490.90	161.70	4.036		
10,100.00	7,311.53	10,187.52	6,977.15	120.23	127.88	-59.79	-6,072.56	-3,075.04	661.00	501.88	159.12	4.154		
10,200.00	7,320.66	10,352.16	7,000.06	121.43	129.91	-61.18	-6,098.70	-3,235.39	664.82	513.15	151.67	4.383		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	10,468.45	7,001.00	122.51	131.07	-61.23	-6,099.63	-3,351.64	664.84	512.91	151.93	4.376		
10,400.00	7,321.00	10,568.45	7,001.00	123.62	132.09	-61.22	-6,099.49	-3,451.64	664.69	509.44	155.25	4.281		
10,500.00	7,321.00	10,668.45	7,001.00	124.77	133.14	-61.21	-6,099.35	-3,551.64	664.55	505.89	158.66	4.189		
10,600.00	7,321.00	10,768.44	7,001.00	125.95	134.23	-61.21	-6,099.22	-3,651.64	664.40	502.26	162.14	4.098		
10,700.00	7,321.00	10,868.44	7,001.00	127.17	135.35	-61.20	-6,099.08	-3,751.64	664.25	498.57	165.68	4.009		
10,800.00	7,321.00	10,968.44	7,001.00	128.43	136.51	-61.19	-6,098.94	-3,851.64	664.10	494.81	169.29	3.923		
10,900.00	7,321.00	11,068.44	7,001.00	129.72	137.70	-61.19	-6,098.81	-3,951.64	663.96	491.00	172.96	3.839		
11,000.00	7,321.00	11,168.44	7,001.00	131.05	138.92	-61.18	-6,098.67	-4,051.64	663.81	487.13	176.68	3.757		
11,100.00	7,321.00	11,268.44	7,001.00	132.41	140.18	-61.17	-6,098.53	-4,151.64	663.66	483.20	180.46	3.678		
11,200.00	7,321.00	11,368.44	7,001.00	133.81	141.47	-61.17	-6,098.40	-4,251.64	663.51	479.23	184.28	3.601		
11,300.00	7,321.00	11,468.44	7,001.00	135.25	142.79	-61.16	-6,098.26	-4,351.64	663.37	475.21	188.15	3.526		
11,400.00	7,321.00	11,568.44	7,001.00	136.72	144.15	-61.15	-6,098.12	-4,451.64	663.22	471.15	192.07	3.453		
11,500.00	7,321.00	11,668.44	7,001.00	138.22	145.54	-61.14	-6,097.99	-4,551.64	663.07	467.05	196.02	3.383		
11,600.00	7,321.00	11,768.44	7,001.00	139.76	146.97	-61.14	-6,097.85	-4,651.64	662.92	462.91	200.01	3.314		
11,700.00	7,321.00	11,868.44	7,001.00	141.34	148.43	-61.13	-6,097.71	-4,751.64	662.78	458.74	204.04	3.248		
11,800.00	7,321.00	11,968.44	7,001.00	142.94	149.92	-61.12	-6,097.58	-4,851.64	662.63	454.53	208.10	3.184		
11,900.00	7,321.00	12,068.44	7,001.00	144.58	151.44	-61.12	-6,097.44	-4,951.64	662.48	450.29	212.20	3.122		
12,000.00	7,321.00	12,168.44	7,001.00	146.25	152.99	-61.11	-6,097.30	-5,051.64	662.34	446.02	216.32	3.062		
12,100.00	7,321.00	12,268.44	7,001.00	147.95	154.58	-61.10	-6,097.17	-5,151.64	662.19	441.72	220.47	3.004		
12,200.00	7,321.00	12,368.44	7,001.00	149.67	156.19	-61.10	-6,097.03	-5,251.64	662.04	437.39	224.65	2.947		
12,300.00	7,321.00	12,468.44	7,001.00	151.43	157.83	-61.09	-6,096.89	-5,351.64	661.89	433.04	228.85	2.892		
12,400.00	7,321.00	12,568.44	7,001.00	153.22	159.51	-61.08	-6,096.76	-5,451.64	661.75	428.67	233.08	2.839		
12,500.00	7,321.00	12,668.44	7,001.00	155.04	161.21	-61.07	-6,096.62	-5,551.64	661.60	424.27	237.33	2.788		
12,600.00	7,321.00	12,768.44	7,001.00	156.88	162.94	-61.07	-6,096.48	-5,651.64	661.45	419.85	241.60	2.738		
12,700.00	7,321.00	12,868.44	7,001.00	158.75	164.70	-61.06	-6,096.35	-5,751.64	661.30	415.42	245.89	2.689		
12,800.00	7,321.00	12,968.44	7,001.00	160.65	166.49	-61.05	-6,096.21	-5,851.64	661.16	410.96	250.20	2.643		
12,900.00	7,321.00	13,068.44	7,001.00	162.57	168.30	-61.05	-6,096.07	-5,951.64	661.01	406.49	254.52	2.597		
13,000.00	7,321.00	13,168.44	7,001.00	164.51	170.13	-61.04	-6,095.94	-6,051.64	660.86	402.00	258.87	2.553		
13,100.00	7,321.00	13,268.44	7,001.00	166.48	172.00	-61.03	-6,095.80	-6,151.64	660.72	397.49	263.23	2.510		
13,200.00	7,321.00	13,368.44	7,001.00	168.48	173.88	-61.02	-6,095.67	-6,251.64	660.57	392.97	267.60	2.468		
13,300.00	7,321.00	13,468.44	7,001.00	170.49	175.80	-61.02	-6,095.53	-6,351.64	660.42	388.43	271.99	2.428		
13,400.00	7,321.00	13,568.44	7,001.00	172.52	177.73	-61.01	-6,095.39	-6,451.64	660.27	383.88	276.39	2.389		
13,500.00	7,321.00	13,668.44	7,001.00	174.58	179.69	-61.00	-6,095.26	-6,551.64	660.13	379.32	280.81	2.351		
13,600.00	7,321.00	13,768.44	7,001.00	176.66	181.66	-61.00	-6,095.12	-6,651.64	659.98	374.74	285.24	2.314		
13,700.00	7,321.00	13,868.44	7,001.00	178.75	183.66	-60.99	-6,094.98	-6,751.64	659.83	370.15	289.68	2.278		
13,800.00	7,321.00	13,968.44	7,001.00	180.87	185.68	-60.98	-6,094.85	-6,851.64	659.69	365.55	294.13	2.243		
13,900.00	7,321.00	14,068.44	7,001.00	183.00	187.72	-60.98	-6,094.71	-6,951.64	659.54	360.94	298.60	2.209		
14,000.00	7,321.00	14,168.44	7,001.00	185.15	189.78	-60.97	-6,094.57	-7,051.64	659.39	356.32	303.07	2.176		
14,100.00	7,321.00	14,268.44	7,001.00	187.32	191.86	-60.96	-6,094.44	-7,151.64	659.24	351.69	307.55	2.144		
14,200.00	7,321.00	14,368.44	7,001.00	189.50	193.96	-60.95	-6,094.30	-7,251.64	659.10	347.05	312.05	2.112		
14,300.00	7,321.00	14,468.44	7,001.00	191.70	196.07	-60.95	-6,094.16	-7,351.63	658.95	342.40	316.55	2.082		
14,400.00	7,321.00	14,568.44	7,001.00	193.92	198.21	-60.94	-6,094.03	-7,451.63	658.80	337.75	321.06	2.052		
14,500.00	7,321.00	14,668.44	7,001.00	196.15	200.35	-60.93	-6,093.89	-7,551.63	658.66	333.08	325.58	2.023		
14,600.00	7,321.00	14,768.44	7,001.00	198.39	202.52	-60.93	-6,093.75	-7,651.63	658.51	328.41	330.10	1.995		
14,700.00	7,321.00	14,868.44	7,001.00	200.65	204.70	-60.92	-6,093.62	-7,751.63	658.36	323.73	334.63	1.967		
14,800.00	7,321.00	14,968.44	7,001.00	202.92	206.89	-60.91	-6,093.48	-7,851.63	658.21	319.04	339.17	1.941		
14,900.00	7,321.00	15,068.44	7,001.00	205.20	209.10	-60.90	-6,093.34	-7,951.63	658.07	314.35	343.72	1.915		
15,000.00	7,321.00	15,168.44	7,001.00	207.50	211.32	-60.90	-6,093.21	-8,051.63	657.92	309.65	348.28	1.889		
15,100.00	7,321.00	15,268.44	7,001.00	209.80	213.56	-60.89	-6,093.07	-8,151.63	657.77	304.94	352.84	1.864		
15,200.00	7,321.00	15,368.44	7,001.00	212.12	215.81	-60.88	-6,092.93	-8,251.63	657.63	300.23	357.40	1.840		
15,300.00	7,321.00	15,468.44	7,001.00	214.45	218.07	-60.88	-6,092.80	-8,351.63	657.48	295.51	361.97	1.816		
15,400.00	7,321.00	15,568.44	7,001.00	216.79	220.34	-60.87	-6,092.66	-8,451.63	657.33	290.78	366.55	1.793		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	15,668.44	7,001.00	219.15	222.63	-60.86	-6,092.52	-8,551.63	657.19	286.05	371.13	1.771	
15,600.00	7,321.00	15,768.44	7,001.00	221.51	224.93	-60.85	-6,092.39	-8,651.63	657.04	281.32	375.72	1.749	
15,700.00	7,321.00	15,868.44	7,001.00	223.88	227.24	-60.85	-6,092.25	-8,751.63	656.89	276.58	380.31	1.727	
15,800.00	7,321.00	15,968.44	7,001.00	226.26	229.56	-60.84	-6,092.11	-8,851.63	656.74	271.84	384.91	1.706	
15,900.00	7,321.00	16,068.44	7,001.00	228.65	231.89	-60.83	-6,091.98	-8,951.63	656.60	267.09	389.51	1.686	
16,000.00	7,321.00	16,168.44	7,001.00	231.04	234.23	-60.83	-6,091.84	-9,051.63	656.45	262.34	394.11	1.666	
16,100.00	7,321.00	16,268.44	7,001.00	233.45	236.58	-60.82	-6,091.70	-9,151.63	656.30	257.58	398.72	1.646	
16,200.00	7,321.00	16,368.44	7,001.00	235.86	238.94	-60.81	-6,091.57	-9,251.63	656.16	252.82	403.34	1.627	
16,300.00	7,321.00	16,468.44	7,001.00	238.28	241.30	-60.80	-6,091.43	-9,351.63	656.01	248.06	407.96	1.608	
16,400.00	7,321.00	16,568.44	7,001.00	240.71	243.68	-60.80	-6,091.29	-9,451.63	655.86	243.29	412.58	1.590	
16,500.00	7,321.00	16,668.44	7,001.00	243.15	246.07	-60.79	-6,091.16	-9,551.63	655.72	238.52	417.20	1.572	
16,600.00	7,321.00	16,768.44	7,001.00	245.59	248.46	-60.78	-6,091.02	-9,651.63	655.57	233.74	421.83	1.554	
16,700.00	7,321.00	16,868.44	7,001.00	248.05	250.86	-60.78	-6,090.88	-9,751.63	655.42	228.96	426.46	1.537	
16,800.00	7,321.00	16,968.44	7,001.00	250.50	253.27	-60.77	-6,090.75	-9,851.63	655.28	224.18	431.09	1.520	
16,900.00	7,321.00	17,068.44	7,001.00	252.97	255.69	-60.76	-6,090.61	-9,951.63	655.13	219.40	435.73	1.504	
17,000.00	7,321.00	17,168.44	7,001.00	255.44	258.11	-60.75	-6,090.47	-10,051.63	654.98	214.61	440.37	1.487	Level 3
17,100.00	7,321.00	17,268.44	7,001.00	257.91	260.54	-60.75	-6,090.34	-10,151.63	654.84	209.82	445.01	1.472	Level 3
17,200.00	7,321.00	17,368.44	7,001.00	260.39	262.98	-60.74	-6,090.20	-10,251.63	654.69	205.03	449.66	1.456	Level 3
17,300.00	7,321.00	17,468.44	7,001.00	262.88	265.43	-60.73	-6,090.07	-10,351.63	654.54	200.24	454.31	1.441	Level 3
17,400.00	7,321.00	17,568.44	7,001.00	265.37	267.88	-60.73	-6,089.93	-10,451.63	654.40	195.44	458.96	1.426	Level 3
17,500.00	7,321.00	17,668.44	7,001.00	267.87	270.33	-60.72	-6,089.79	-10,551.63	654.25	190.64	463.61	1.411	Level 3
17,600.00	7,321.00	17,768.44	7,001.00	270.37	272.80	-60.71	-6,089.66	-10,651.63	654.10	185.84	468.26	1.397	Level 3
17,700.00	7,321.00	17,868.44	7,001.00	272.88	275.27	-60.70	-6,089.52	-10,751.63	653.96	181.04	472.92	1.383	Level 3
17,800.00	7,321.00	17,968.43	7,001.00	275.40	277.74	-60.70	-6,089.38	-10,851.63	653.81	176.23	477.58	1.369	Level 3
17,900.00	7,321.00	18,068.43	7,001.00	277.91	280.22	-60.69	-6,089.25	-10,951.63	653.66	171.42	482.24	1.355	Level 3
18,000.00	7,321.00	18,168.43	7,001.00	280.43	282.71	-60.68	-6,089.11	-11,051.63	653.52	166.61	486.90	1.342	Level 3
18,100.00	7,321.00	18,255.10	7,001.00	282.97	284.88	-60.67	-6,089.78	-11,138.28	653.20	158.84	494.36	1.321	Level 3
18,200.00	7,321.00	18,338.52	7,001.00	285.53	286.98	-60.62	-6,092.83	-11,221.65	652.40	150.32	502.08	1.299	Level 3
18,300.00	7,321.00	18,421.97	7,001.00	288.11	289.10	-60.56	-6,098.31	-11,304.91	651.09	141.77	509.32	1.278	Level 3
18,400.00	7,321.00	18,518.94	7,001.00	290.70	291.58	-60.40	-6,106.56	-11,401.53	648.43	134.49	513.94	1.262	Level 3
18,500.00	7,321.00	18,618.72	7,001.00	293.30	294.13	-60.06	-6,115.08	-11,500.95	642.79	125.33	517.46	1.242	Level 2
18,600.00	7,321.00	18,718.34	7,001.00	295.90	296.69	-59.66	-6,123.60	-11,600.21	635.27	114.75	520.52	1.220	Level 2
18,700.00	7,321.00	18,817.96	7,001.00	298.50	299.24	-59.26	-6,132.11	-11,699.46	627.76	104.27	523.48	1.199	Level 2
18,800.00	7,321.00	18,917.58	7,001.00	301.11	301.80	-58.85	-6,140.62	-11,798.72	620.27	93.92	526.35	1.178	Level 2
18,900.00	7,321.00	19,017.20	7,001.00	303.72	304.36	-58.42	-6,149.14	-11,897.97	612.82	83.70	529.12	1.158	Level 2
19,000.00	7,321.00	19,116.82	7,001.00	306.32	306.93	-57.99	-6,157.65	-11,997.23	605.41	73.61	531.79	1.138	Level 2
19,100.00	7,321.00	19,216.44	7,001.00	308.93	309.49	-57.55	-6,166.16	-12,096.48	598.02	63.67	534.35	1.119	Level 2
19,200.00	7,321.00	19,316.06	7,001.00	311.54	312.06	-57.10	-6,174.67	-12,195.74	590.68	53.88	536.80	1.100	Level 2
19,300.00	7,321.00	19,415.68	7,001.00	314.16	314.64	-56.63	-6,183.19	-12,294.99	583.37	44.25	539.13	1.082	Level 2
19,400.00	7,321.00	19,515.30	7,001.00	316.77	317.21	-56.16	-6,191.70	-12,394.25	576.10	34.78	541.33	1.064	Level 2
19,500.00	7,321.00	19,614.92	7,001.00	319.38	319.79	-55.67	-6,200.21	-12,493.50	568.88	25.48	543.40	1.047	Level 2
19,600.00	7,321.00	19,714.54	7,001.00	322.00	322.37	-55.17	-6,208.72	-12,592.76	561.69	16.36	545.33	1.030	Level 2
19,700.00	7,321.00	19,814.16	7,001.00	324.61	324.95	-54.65	-6,217.24	-12,692.01	554.55	7.43	547.12	1.014	Level 2
19,800.00	7,321.00	19,913.78	7,001.00	327.23	327.73	-54.19	-6,225.99	-12,799.06	547.97	0.52	547.45	1.001	Level 2
19,900.00	7,321.00	20,039.36	7,001.00	329.85	330.77	-53.67	-6,231.60	-12,916.71	541.40	-3.63	545.03	0.993	Level 1
20,000.00	7,321.00	20,152.35	7,001.00	332.46	333.66	-53.13	-6,232.54	-13,029.69	534.48	-8.41	542.90	0.985	Level 1
20,100.00	7,321.00	20,252.15	7,001.00	335.06	336.21	-52.79	-6,232.17	-13,129.49	529.46	-15.60	545.07	0.971	Level 1
20,200.00	7,321.00	20,352.10	7,001.00	337.65	338.77	-52.63	-6,231.80	-13,229.45	527.24	-21.17	548.41	0.961	Level 1
20,272.27	7,321.00	20,424.37	7,001.00	339.51	340.62	-52.61	-6,231.53	-13,301.71	526.94	-24.47	551.42	0.956	Level 1
20,300.00	7,321.00	20,452.10	7,001.00	340.22	341.33	-52.64	-6,231.43	-13,329.44	527.32	-25.47	552.80	0.954	Level 1
20,400.00	7,321.00	20,552.10	7,001.00	342.79	343.89	-52.66	-6,231.06	-13,429.44	527.64	-29.65	557.29	0.947	Level 1
20,500.00	7,321.00	20,652.10	7,001.00	345.37	346.46	-52.69	-6,230.69	-13,529.44	527.96	-33.83	561.79	0.940	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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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						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	
20,600.00	7,321.00	20,752.10	7,001.00	347.95	349.03	-52.72	-6,230.32	-13,629.44	528.28	-38.02	566.30	0.933 Level 1	
20,700.00	7,321.00	20,852.10	7,001.00	350.53	351.60	-52.74	-6,229.95	-13,729.44	528.60	-42.21	570.81	0.926 Level 1	
20,800.00	7,321.00	20,952.10	7,001.00	353.11	354.17	-52.77	-6,229.57	-13,829.44	528.92	-46.40	575.32	0.919 Level 1	
20,900.00	7,321.00	21,052.10	7,001.00	355.70	356.75	-52.80	-6,229.20	-13,929.44	529.24	-50.59	579.84	0.913 Level 1	
20,976.29	7,321.00	21,121.77	7,001.00	357.67	358.55	-52.82	-6,228.94	-13,999.11	529.53	-55.64	585.17	0.905 Level 1, ES, SF	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	0.00	0.00	0.00	0.00	73.51	12.75	43.09	44.93					
100.00	100.00	100.00	100.00	0.27	0.27	73.51	12.75	43.09	44.93	44.40	0.54	83.565		
200.00	200.00	200.00	200.00	0.63	0.63	73.51	12.75	43.09	44.93	43.68	1.25	35.814		
300.00	300.00	300.97	300.95	0.99	0.98	75.30	11.12	42.38	43.83	41.87	1.96	22.342		
400.00	400.00	401.69	401.52	1.34	1.33	81.21	6.23	40.29	40.79	38.12	2.67	15.290		
500.00	499.98	502.08	501.52	1.69	1.69	-117.08	-1.87	36.81	37.65	34.27	3.37	11.158		
600.00	599.84	602.22	600.90	2.03	2.08	-106.39	-13.15	31.96	35.88	31.78	4.10	8.752		
659.29	658.94	661.47	659.48	2.23	2.32	-99.67	-21.33	28.45	35.59	31.03	4.56	7.811 CC		
700.00	699.45	702.10	699.54	2.38	2.49	-95.02	-27.58	25.77	35.73	30.86	4.87	7.335 ES		
800.00	798.70	801.74	797.33	2.75	2.94	-84.05	-45.10	18.24	37.22	31.54	5.68	6.551		
900.00	897.47	901.14	894.16	3.15	3.42	-74.37	-65.69	9.39	40.19	33.67	6.52	6.164		
1,000.00	995.62	1,000.00	989.64	3.57	3.93	-66.40	-89.22	-0.71	44.35	36.98	7.37	6.018		
1,100.00	1,093.06	1,099.18	1,084.49	4.03	4.49	-60.03	-115.85	-12.15	49.41	41.16	8.24	5.994		
1,200.00	1,189.64	1,197.84	1,177.79	4.53	5.10	-55.08	-145.32	-24.81	55.12	46.00	9.13	6.039		
1,300.00	1,285.27	1,296.27	1,269.71	5.08	5.74	-51.26	-177.64	-38.69	61.32	51.28	10.04	6.109		
1,400.00	1,379.82	1,394.45	1,360.14	5.66	6.44	-48.32	-212.75	-53.77	67.87	56.89	10.98	6.182		
1,500.00	1,473.17	1,492.40	1,449.01	6.30	7.17	-46.05	-250.60	-70.03	74.68	62.73	11.95	6.248		
1,600.00	1,565.21	1,590.13	1,536.21	6.98	7.96	-44.31	-291.12	-87.43	81.69	68.72	12.97	6.298		
1,700.00	1,655.84	1,687.62	1,621.66	7.72	8.79	-42.98	-334.24	-105.95	88.84	74.81	14.03	6.331		
1,800.00	1,744.94	1,784.90	1,705.28	8.51	9.67	-41.98	-379.90	-125.57	96.11	80.96	15.14	6.346		
1,900.00	1,832.39	1,881.95	1,786.98	9.35	10.59	-41.23	-428.04	-146.24	103.46	87.15	16.31	6.342		
2,000.00	1,918.11	1,978.79	1,866.68	10.25	11.56	-40.69	-478.57	-167.95	110.88	93.34	17.54	6.322		
2,100.00	2,001.97	2,075.42	1,944.31	11.19	12.58	-40.33	-531.43	-190.65	118.35	99.52	18.83	6.285		
2,200.00	2,083.88	2,171.85	2,019.80	12.20	13.63	-40.10	-586.55	-214.33	125.85	105.67	20.19	6.234		
2,300.00	2,163.74	2,268.07	2,093.07	13.25	14.73	-39.99	-643.85	-238.94	133.39	111.77	21.61	6.171		
2,400.00	2,241.45	2,364.10	2,164.07	14.35	15.88	-39.97	-703.26	-264.45	140.93	117.82	23.11	6.097		
2,500.00	2,316.92	2,459.95	2,232.73	15.51	17.06	-40.04	-764.69	-290.84	148.49	123.80	24.69	6.014		
2,600.00	2,390.05	2,555.60	2,298.99	16.71	18.28	-40.18	-828.08	-318.07	156.04	129.70	26.35	5.923		
2,700.00	2,460.76	2,651.08	2,362.79	17.96	19.54	-40.37	-893.34	-346.10	163.59	135.51	28.08	5.826		
2,800.00	2,528.98	2,746.38	2,424.08	19.26	20.83	-40.63	-960.39	-374.90	171.15	141.25	29.89	5.725		
2,900.00	2,596.24	2,843.04	2,483.90	20.59	22.18	-40.61	-1,030.15	-404.86	180.17	148.48	31.69	5.685		
3,000.00	2,663.50	2,942.58	2,544.97	21.92	23.58	-40.47	-1,102.37	-435.88	189.74	156.15	33.58	5.650		
3,100.00	2,730.76	3,042.12	2,606.04	23.25	24.99	-40.34	-1,174.59	-466.90	199.30	163.82	35.48	5.617		
3,200.00	2,798.02	3,141.66	2,667.11	24.60	26.40	-40.23	-1,246.81	-497.92	208.87	171.48	37.39	5.587		
3,300.00	2,865.28	3,241.20	2,728.19	25.94	27.82	-40.12	-1,319.04	-528.94	218.44	179.14	39.30	5.558		
3,400.00	2,932.54	3,340.74	2,789.26	27.30	29.24	-40.03	-1,391.26	-559.96	228.01	186.79	41.22	5.532		
3,500.00	2,999.80	3,440.28	2,850.33	28.65	30.66	-39.94	-1,463.48	-590.98	237.58	194.43	43.14	5.507		
3,600.00	3,067.06	3,539.82	2,911.41	30.01	32.08	-39.86	-1,535.70	-622.01	247.14	202.08	45.07	5.484		
3,700.00	3,134.32	3,639.36	2,972.48	31.37	33.51	-39.78	-1,607.93	-653.03	256.72	209.72	47.00	5.462		
3,800.00	3,201.59	3,738.90	3,033.55	32.73	34.94	-39.71	-1,680.15	-684.05	266.29	217.35	48.93	5.442		
3,900.00	3,268.85	3,838.44	3,094.62	34.09	36.37	-39.65	-1,752.37	-715.07	275.86	224.99	50.87	5.423		
4,000.00	3,336.11	3,937.98	3,155.70	35.46	37.80	-39.58	-1,824.59	-746.09	285.43	232.62	52.81	5.405		
4,100.00	3,403.37	4,037.52	3,216.77	36.83	39.23	-39.53	-1,896.82	-777.11	295.00	240.25	54.75	5.388		
4,200.00	3,470.63	4,137.06	3,277.84	38.20	40.67	-39.47	-1,969.04	-808.13	304.57	247.88	56.69	5.372		
4,300.00	3,537.89	4,236.60	3,338.92	39.57	42.10	-39.42	-2,041.26	-839.15	314.14	255.51	58.64	5.357		
4,400.00	3,605.15	4,336.14	3,399.99	40.94	43.54	-39.38	-2,113.49	-870.17	323.72	263.13	60.58	5.343		
4,500.00	3,672.41	4,435.68	3,461.06	42.31	44.98	-39.33	-2,185.71	-901.19	333.29	270.76	62.53	5.330		
4,600.00	3,739.67	4,535.22	3,522.13	43.68	46.41	-39.29	-2,257.93	-932.22	342.86	278.38	64.48	5.317		
4,700.00	3,806.93	4,634.76	3,583.21	45.06	47.85	-39.25	-2,330.15	-963.24	352.43	286.00	66.43	5.305		
4,800.00	3,874.19	4,734.30	3,644.28	46.43	49.29	-39.21	-2,402.38	-994.26	362.01	293.63	68.38	5.294		
4,900.00	3,941.46	4,833.84	3,705.35	47.81	50.73	-39.18	-2,474.60	-1,025.28	371.58	301.25	70.33	5.283		
5,000.00	4,008.72	4,933.39	3,766.43	49.18	52.17	-39.14	-2,546.82	-1,056.30	381.15	308.87	72.29	5.273		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,075.98	5,032.93	3,827.50	50.56	53.61	-39.11	-2,619.04	-1,087.32	390.73	316.49	74.24	5.263		
5,200.00	4,143.24	5,132.47	3,888.57	51.94	55.05	-39.08	-2,691.27	-1,118.34	400.30	324.11	76.20	5.254		
5,300.00	4,210.50	5,232.01	3,949.64	53.31	56.50	-39.05	-2,763.49	-1,149.36	409.87	331.72	78.15	5.245		
5,400.00	4,277.76	5,331.55	4,010.72	54.69	57.94	-39.02	-2,835.71	-1,180.38	419.45	339.34	80.11	5.236		
5,500.00	4,345.02	5,431.09	4,071.79	56.07	59.38	-39.00	-2,907.93	-1,211.40	429.02	346.96	82.06	5.228		
5,600.00	4,412.28	5,530.63	4,132.86	57.45	60.82	-38.97	-2,980.16	-1,242.43	438.60	354.58	84.02	5.220		
5,700.00	4,479.54	5,630.17	4,193.94	58.83	62.27	-38.95	-3,052.38	-1,273.45	448.17	362.19	85.98	5.213		
5,800.00	4,546.80	5,729.71	4,255.01	60.21	63.71	-38.92	-3,124.60	-1,304.47	457.74	369.81	87.94	5.205		
5,900.00	4,614.07	5,829.25	4,316.08	61.59	65.15	-38.90	-3,196.82	-1,335.49	467.32	377.42	89.90	5.198		
6,000.00	4,681.33	5,928.79	4,377.15	62.97	66.60	-38.88	-3,269.05	-1,366.51	476.89	385.04	91.85	5.192		
6,100.00	4,748.59	6,028.33	4,438.23	64.35	68.04	-38.86	-3,341.27	-1,397.53	486.47	392.65	93.81	5.185		
6,200.00	4,815.85	6,127.87	4,499.30	65.73	69.49	-38.84	-3,413.49	-1,428.55	496.04	400.27	95.77	5.179		
6,300.00	4,883.11	6,227.41	4,560.37	67.11	70.93	-38.82	-3,485.71	-1,459.57	505.62	407.88	97.73	5.173		
6,400.00	4,950.37	6,326.95	4,621.45	68.49	72.37	-38.80	-3,557.94	-1,490.59	515.19	415.50	99.69	5.168		
6,500.00	5,017.63	6,426.49	4,682.52	69.87	73.82	-38.78	-3,630.16	-1,521.62	524.77	423.11	101.65	5.162		
6,600.00	5,084.89	6,526.03	4,743.59	71.25	75.26	-38.77	-3,702.38	-1,552.64	534.34	430.72	103.62	5.157		
6,700.00	5,152.15	6,625.57	4,804.66	72.63	76.71	-38.75	-3,774.60	-1,583.66	543.91	438.34	105.58	5.152		
6,800.00	5,219.41	6,725.11	4,865.74	74.02	78.16	-38.73	-3,846.83	-1,614.68	553.49	445.95	107.54	5.147		
6,900.00	5,286.67	6,824.65	4,926.81	75.40	79.60	-38.72	-3,919.05	-1,645.70	563.06	453.56	109.50	5.142		
7,000.00	5,353.94	6,924.19	4,987.88	76.78	81.05	-38.70	-3,991.27	-1,676.72	572.64	461.18	111.46	5.138		
7,100.00	5,421.20	7,023.73	5,048.96	78.16	82.49	-38.69	-4,063.50	-1,707.74	582.21	468.79	113.42	5.133		
7,200.00	5,488.46	7,123.28	5,110.03	79.55	83.94	-38.67	-4,135.72	-1,738.76	591.79	476.40	115.39	5.129		
7,300.00	5,555.72	7,222.82	5,171.10	80.93	85.38	-38.66	-4,207.94	-1,769.78	601.36	484.01	117.35	5.125		
7,400.00	5,622.98	7,322.36	5,232.17	82.31	86.83	-38.65	-4,280.16	-1,800.80	610.94	491.63	119.31	5.121		
7,500.00	5,690.24	7,421.90	5,293.25	83.69	88.28	-38.64	-4,352.39	-1,831.83	620.51	499.24	121.27	5.117		
7,600.00	5,757.50	7,521.44	5,354.32	85.08	89.72	-38.62	-4,424.61	-1,862.85	630.09	506.85	123.24	5.113		
7,700.00	5,824.76	7,620.98	5,415.39	86.46	91.17	-38.61	-4,496.83	-1,893.87	639.66	514.46	125.20	5.109		
7,800.00	5,892.02	7,720.52	5,476.47	87.84	92.62	-38.60	-4,569.05	-1,924.89	649.24	522.07	127.16	5.106		
7,900.00	5,959.28	7,820.06	5,537.54	89.23	94.06	-38.59	-4,641.28	-1,955.91	658.81	529.69	129.13	5.102		
8,000.00	6,026.55	7,919.60	5,598.61	90.61	95.51	-38.58	-4,713.50	-1,986.93	668.39	537.30	131.09	5.099		
8,100.00	6,093.81	8,019.14	5,659.68	91.99	96.96	-38.57	-4,785.72	-2,017.95	677.96	544.91	133.05	5.095		
8,200.00	6,161.07	8,118.68	5,720.76	93.38	98.40	-38.56	-4,857.94	-2,048.97	687.54	552.52	135.02	5.092		
8,300.00	6,228.33	8,218.22	5,781.83	94.76	99.85	-38.55	-4,930.17	-2,079.99	697.11	560.13	136.98	5.089		
8,400.00	6,295.59	8,317.76	5,842.90	96.14	101.30	-38.54	-5,002.39	-2,111.01	706.69	567.74	138.95	5.086		
8,500.00	6,362.85	8,417.30	5,903.98	97.53	102.74	-38.53	-5,074.61	-2,142.04	716.26	575.35	140.91	5.083		
8,600.00	6,430.11	8,516.84	5,965.05	98.91	104.19	-38.52	-5,146.83	-2,173.06	725.84	582.96	142.88	5.080		
8,700.00	6,497.37	8,616.38	6,026.12	100.29	105.64	-38.51	-5,219.06	-2,204.08	735.41	590.58	144.84	5.077		
8,800.00	6,564.63	8,715.92	6,087.19	101.68	107.09	-38.50	-5,291.28	-2,235.10	744.99	598.19	146.80	5.075		
8,900.00	6,631.89	8,815.46	6,148.27	103.06	108.53	-38.49	-5,363.50	-2,266.12	754.57	605.80	148.77	5.072		
9,000.00	6,699.15	8,915.00	6,209.34	104.45	109.98	-38.48	-5,435.72	-2,297.14	764.14	613.41	150.73	5.069		
9,100.00	6,766.42	9,014.54	6,270.41	105.83	111.43	-38.48	-5,507.95	-2,328.16	773.72	621.02	152.70	5.067		
9,200.00	6,833.68	9,114.08	6,331.49	107.22	112.88	-38.47	-5,580.17	-2,359.18	783.29	628.63	154.66	5.064		
9,300.00	6,900.94	9,213.62	6,392.56	108.60	114.32	-38.46	-5,652.39	-2,390.20	792.87	636.24	156.63	5.062		
9,400.00	6,968.20	9,313.17	6,453.63	109.98	115.77	-38.45	-5,724.62	-2,421.22	802.44	643.85	158.59	5.060		
9,500.00	7,035.46	9,412.71	6,514.70	111.37	117.22	-38.45	-5,796.84	-2,452.25	812.02	651.46	160.56	5.057		
9,600.00	7,101.31	9,511.86	6,575.54	112.79	118.66	-44.05	-5,868.78	-2,483.15	823.25	659.96	163.30	5.041		
9,700.00	7,161.49	9,608.19	6,634.64	114.30	120.06	-50.42	-5,938.67	-2,513.17	840.10	671.59	168.51	4.985		
9,800.00	7,214.06	9,698.76	6,690.21	115.85	121.38	-55.51	-6,004.39	-2,541.39	863.29	687.34	175.95	4.906		
9,900.00	7,257.41	9,780.81	6,740.55	117.39	122.57	-59.04	-6,063.92	-2,566.96	893.83	708.75	185.07	4.830		
10,000.00	7,290.24	9,851.85	6,784.14	118.87	123.61	-60.67	-6,115.46	-2,589.10	932.65	737.54	195.11	4.780		
10,100.00	7,311.53	9,909.73	6,819.65	120.23	124.45	-59.98	-6,157.46	-2,607.14	980.29	775.05	205.24	4.776		
10,200.00	7,320.66	9,952.68	6,846.00	121.43	125.07	-56.50	-6,188.62	-2,620.52	1,036.51	821.85	214.66	4.829		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	9,984.31	6,865.41	122.51	125.53	-56.75	-6,211.57	-2,630.38	1,099.66	876.83	222.83	4.935		
10,400.00	7,321.00	10,015.50	6,884.55	123.62	125.99	-58.69	-6,234.20	-2,640.10	1,167.19	937.50	229.69	5.082		
10,500.00	7,321.00	11,305.84	7,321.00	124.77	142.75	-90.00	-6,749.20	-3,552.87	1,232.27	1,076.18	156.09	7.895		
10,600.00	7,321.00	11,405.84	7,321.00	125.95	143.73	-90.00	-6,749.04	-3,652.87	1,232.08	1,071.99	160.09	7.696		
10,700.00	7,321.00	11,505.84	7,321.00	127.17	144.74	-90.00	-6,748.87	-3,752.87	1,231.88	1,067.72	164.17	7.504		
10,800.00	7,321.00	11,605.84	7,321.00	128.43	145.79	-90.00	-6,748.71	-3,852.87	1,231.69	1,063.36	168.32	7.317		
10,900.00	7,321.00	11,705.84	7,321.00	129.72	146.87	-90.00	-6,748.54	-3,952.87	1,231.49	1,058.94	172.55	7.137		
11,000.00	7,321.00	11,805.84	7,321.00	131.05	147.98	-90.00	-6,748.38	-4,052.87	1,231.30	1,054.44	176.85	6.962		
11,100.00	7,321.00	11,905.84	7,321.00	132.41	149.12	-90.00	-6,748.21	-4,152.87	1,231.10	1,049.89	181.21	6.794		
11,200.00	7,321.00	12,005.84	7,321.00	133.81	150.29	-90.00	-6,748.05	-4,252.87	1,230.90	1,045.27	185.63	6.631		
11,300.00	7,321.00	12,105.84	7,321.00	135.25	151.50	-90.00	-6,747.89	-4,352.87	1,230.71	1,040.61	190.10	6.474		
11,400.00	7,321.00	12,205.84	7,321.00	136.72	152.73	-90.00	-6,747.72	-4,452.87	1,230.51	1,035.89	194.62	6.322		
11,500.00	7,321.00	12,305.84	7,321.00	138.22	154.00	-90.00	-6,747.56	-4,552.87	1,230.32	1,031.12	199.19	6.176		
11,600.00	7,321.00	12,405.84	7,321.00	139.76	155.30	-90.00	-6,747.39	-4,652.87	1,230.12	1,026.31	203.81	6.036		
11,700.00	7,321.00	12,505.84	7,321.00	141.34	156.63	-90.00	-6,747.23	-4,752.87	1,229.92	1,021.46	208.46	5.900		
11,800.00	7,321.00	12,605.84	7,321.00	142.94	157.99	-90.00	-6,747.06	-4,852.87	1,229.73	1,016.57	213.16	5.769		
11,900.00	7,321.00	12,705.84	7,321.00	144.58	159.39	-90.00	-6,746.90	-4,952.87	1,229.53	1,011.65	217.88	5.643		
12,000.00	7,321.00	12,805.84	7,321.00	146.25	160.81	-90.00	-6,746.74	-5,052.87	1,229.34	1,006.69	222.65	5.521		
12,100.00	7,321.00	12,905.84	7,321.00	147.95	162.27	-90.00	-6,746.57	-5,152.87	1,229.14	1,001.70	227.44	5.404		
12,200.00	7,321.00	13,005.84	7,321.00	149.67	163.76	-90.00	-6,746.41	-5,252.87	1,228.95	996.68	232.26	5.291		
12,300.00	7,321.00	13,105.84	7,321.00	151.43	165.27	-90.00	-6,746.24	-5,352.87	1,228.75	991.64	237.11	5.182		
12,400.00	7,321.00	13,205.83	7,321.00	153.22	166.82	-90.00	-6,746.08	-5,452.87	1,228.55	986.56	241.99	5.077		
12,500.00	7,321.00	13,305.83	7,321.00	155.04	168.39	-90.00	-6,745.92	-5,552.87	1,228.36	981.47	246.89	4.975		
12,600.00	7,321.00	13,405.83	7,321.00	156.88	170.00	-90.00	-6,745.75	-5,652.87	1,228.16	976.35	251.82	4.877		
12,700.00	7,321.00	13,505.83	7,321.00	158.75	171.63	-90.00	-6,745.59	-5,752.86	1,227.97	971.20	256.76	4.783		
12,800.00	7,321.00	13,605.83	7,321.00	160.65	173.29	-90.00	-6,745.42	-5,852.86	1,227.77	966.04	261.73	4.691		
12,900.00	7,321.00	13,705.83	7,321.00	162.57	174.98	-90.00	-6,745.26	-5,952.86	1,227.57	960.86	266.71	4.603		
13,000.00	7,321.00	13,805.83	7,321.00	164.51	176.69	-90.00	-6,745.09	-6,052.86	1,227.38	955.66	271.72	4.517		
13,100.00	7,321.00	13,905.83	7,321.00	166.48	178.43	-90.00	-6,744.93	-6,152.86	1,227.18	950.44	276.74	4.434		
13,200.00	7,321.00	14,005.83	7,321.00	168.48	180.20	-90.00	-6,744.77	-6,252.86	1,226.99	945.21	281.78	4.354		
13,300.00	7,321.00	14,105.83	7,321.00	170.49	181.99	-90.00	-6,744.60	-6,352.86	1,226.79	939.96	286.83	4.277		
13,400.00	7,321.00	14,205.83	7,321.00	172.52	183.81	-90.00	-6,744.44	-6,452.86	1,226.59	934.70	291.90	4.202		
13,500.00	7,321.00	14,305.83	7,321.00	174.58	185.65	-90.00	-6,744.27	-6,552.86	1,226.40	929.42	296.98	4.130		
13,600.00	7,321.00	14,405.83	7,321.00	176.66	187.51	-90.00	-6,744.11	-6,652.86	1,226.20	924.13	302.07	4.059		
13,700.00	7,321.00	14,505.83	7,321.00	178.75	189.40	-90.00	-6,743.94	-6,752.86	1,226.01	918.83	307.18	3.991		
13,800.00	7,321.00	14,605.83	7,321.00	180.87	191.31	-90.00	-6,743.78	-6,852.86	1,225.81	913.51	312.30	3.925		
13,900.00	7,321.00	14,705.83	7,321.00	183.00	193.24	-90.00	-6,743.62	-6,952.86	1,225.62	908.18	317.43	3.861		
14,000.00	7,321.00	14,805.83	7,321.00	185.15	195.19	-90.00	-6,743.45	-7,052.86	1,225.42	902.85	322.57	3.799		
14,100.00	7,321.00	14,905.83	7,321.00	187.32	197.17	-90.00	-6,743.29	-7,152.86	1,225.22	897.50	327.73	3.739		
14,200.00	7,321.00	15,005.83	7,321.00	189.50	199.16	-90.00	-6,743.12	-7,252.86	1,225.03	892.14	332.89	3.680		
14,300.00	7,321.00	15,105.83	7,321.00	191.70	201.17	-90.00	-6,742.96	-7,352.86	1,224.83	886.77	338.06	3.623		
14,400.00	7,321.00	15,205.83	7,321.00	193.92	203.21	-90.00	-6,742.80	-7,452.86	1,224.64	881.40	343.24	3.568		
14,500.00	7,321.00	15,305.83	7,321.00	196.15	205.26	-90.00	-6,742.63	-7,552.86	1,224.44	876.01	348.43	3.514		
14,600.00	7,321.00	15,405.83	7,321.00	198.39	207.33	-90.00	-6,742.47	-7,652.86	1,224.24	870.62	353.62	3.462		
14,700.00	7,321.00	15,505.83	7,321.00	200.65	209.41	-90.00	-6,742.30	-7,752.86	1,224.05	865.22	358.83	3.411		
14,800.00	7,321.00	15,605.83	7,321.00	202.92	211.52	-90.00	-6,742.14	-7,852.86	1,223.85	859.81	364.04	3.362		
14,900.00	7,321.00	15,705.83	7,321.00	205.20	213.64	-90.00	-6,741.97	-7,952.86	1,223.66	854.40	369.26	3.314		
15,000.00	7,321.00	15,805.83	7,321.00	207.50	215.77	-90.00	-6,741.81	-8,052.86	1,223.46	848.97	374.49	3.267		
15,100.00	7,321.00	15,905.83	7,321.00	209.80	217.92	-90.00	-6,741.65	-8,152.86	1,223.27	843.54	379.72	3.221		
15,200.00	7,321.00	16,005.83	7,321.00	212.12	220.09	-90.00	-6,741.48	-8,252.86	1,223.07	838.11	384.96	3.177		
15,300.00	7,321.00	16,105.83	7,321.00	214.45	222.27	-90.00	-6,741.32	-8,352.86	1,222.87	832.67	390.21	3.134		
15,400.00	7,321.00	16,205.83	7,321.00	216.79	224.47	-90.00	-6,741.15	-8,452.86	1,222.68	827.22	395.46	3.092		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	16,305.83	7,321.00	219.15	226.68	-90.00	-6,740.99	-8,552.86	1,222.48	821.77	400.71	3.051		
15,600.00	7,321.00	16,405.83	7,321.00	221.51	228.90	-90.00	-6,740.82	-8,652.86	1,222.29	816.31	405.98	3.011		
15,700.00	7,321.00	16,505.83	7,321.00	223.88	231.13	-90.00	-6,740.66	-8,752.85	1,222.09	810.85	411.24	2.972		
15,800.00	7,321.00	16,605.83	7,321.00	226.26	233.38	-90.00	-6,740.50	-8,852.85	1,221.89	805.38	416.52	2.934		
15,900.00	7,321.00	16,705.83	7,321.00	228.65	235.64	-90.00	-6,740.33	-8,952.85	1,221.70	799.91	421.79	2.896		
16,000.00	7,321.00	16,805.83	7,321.00	231.04	237.91	-90.00	-6,740.17	-9,052.85	1,221.50	794.43	427.07	2.860		
16,100.00	7,321.00	16,905.83	7,321.00	233.45	240.19	-90.00	-6,740.00	-9,152.85	1,221.31	788.95	432.36	2.825		
16,200.00	7,321.00	17,005.83	7,321.00	235.86	242.49	-90.00	-6,739.84	-9,252.85	1,221.11	783.46	437.65	2.790		
16,300.00	7,321.00	17,105.83	7,321.00	238.28	244.79	-90.00	-6,739.68	-9,352.85	1,220.91	777.97	442.95	2.756		
16,400.00	7,321.00	17,205.83	7,321.00	240.71	247.10	-90.00	-6,739.51	-9,452.85	1,220.72	772.47	448.24	2.723		
16,500.00	7,321.00	17,305.83	7,321.00	243.15	249.43	-90.00	-6,739.35	-9,552.85	1,220.52	766.98	453.55	2.691		
16,600.00	7,321.00	17,405.83	7,321.00	245.59	251.76	-90.00	-6,739.18	-9,652.85	1,220.33	761.47	458.85	2.660		
16,700.00	7,321.00	17,505.83	7,321.00	248.05	254.11	-90.00	-6,739.02	-9,752.85	1,220.13	755.97	464.16	2.629		
16,800.00	7,321.00	17,605.83	7,321.00	250.50	256.46	-90.00	-6,738.85	-9,852.85	1,219.94	750.46	469.48	2.599		
16,900.00	7,321.00	17,705.83	7,321.00	252.97	258.82	-90.00	-6,738.69	-9,952.85	1,219.74	744.95	474.79	2.569		
17,000.00	7,321.00	17,805.83	7,321.00	255.44	261.19	-90.00	-6,738.53	-10,052.85	1,219.54	739.43	480.11	2.540		
17,100.00	7,321.00	17,905.83	7,321.00	257.91	263.57	-90.00	-6,738.36	-10,152.85	1,219.35	733.91	485.44	2.512		
17,200.00	7,321.00	18,005.83	7,321.00	260.39	265.95	-90.00	-6,738.20	-10,252.85	1,219.15	728.39	490.76	2.484		
17,300.00	7,321.00	18,105.83	7,321.00	262.88	268.35	-90.00	-6,738.03	-10,352.85	1,218.96	722.87	496.09	2.457		
17,400.00	7,321.00	18,205.83	7,321.00	265.37	270.75	-90.00	-6,737.87	-10,452.85	1,218.76	717.34	501.42	2.431		
17,500.00	7,321.00	18,305.83	7,321.00	267.87	273.16	-90.00	-6,737.70	-10,552.85	1,218.56	711.81	506.76	2.405		
17,600.00	7,321.00	18,405.83	7,321.00	270.37	275.57	-90.00	-6,737.54	-10,652.85	1,218.37	706.27	512.09	2.379		
17,700.00	7,321.00	18,505.82	7,321.00	272.88	278.00	-90.00	-6,737.38	-10,752.85	1,218.17	700.74	517.43	2.354		
17,800.00	7,321.00	18,605.82	7,321.00	275.40	280.43	-90.00	-6,737.21	-10,852.85	1,217.98	695.20	522.78	2.330		
17,900.00	7,321.00	18,705.82	7,321.00	277.91	282.86	-90.00	-6,737.05	-10,952.85	1,217.78	689.66	528.12	2.306		
18,000.00	7,321.00	18,805.82	7,321.00	280.43	285.30	-90.00	-6,736.88	-11,052.85	1,217.58	684.12	533.47	2.282		
18,100.00	7,321.00	18,905.81	7,321.00	282.97	287.75	-90.00	-6,736.72	-11,152.83	1,216.26	677.44	538.81	2.257		
18,200.00	7,321.00	19,005.69	7,321.00	285.53	290.20	-90.00	-6,736.56	-11,252.72	1,211.51	667.36	544.15	2.226		
18,300.00	7,321.00	19,105.35	7,321.00	288.11	292.66	-90.00	-6,736.39	-11,352.37	1,203.28	653.81	549.47	2.190		
18,400.00	7,321.00	19,204.66	7,321.00	290.70	295.10	-90.00	-6,736.23	-11,451.68	1,191.58	636.81	554.77	2.148		
18,500.00	7,321.00	19,303.50	7,321.00	293.30	297.55	-90.00	-6,736.07	-11,550.52	1,176.42	616.39	560.02	2.101		
18,600.00	7,321.00	19,401.98	7,321.00	295.90	299.99	-90.00	-6,735.90	-11,649.01	1,159.09	593.83	565.26	2.051		
18,700.00	7,321.00	19,500.46	7,321.00	298.50	302.43	-90.00	-6,735.74	-11,747.49	1,141.73	571.24	570.49	2.001		
18,800.00	7,321.00	19,598.95	7,321.00	301.11	304.88	-90.00	-6,735.58	-11,845.97	1,124.37	548.64	575.73	1.953		
18,900.00	7,321.00	19,697.43	7,321.00	303.72	307.33	-90.00	-6,735.42	-11,944.45	1,107.01	526.05	580.97	1.905		
19,000.00	7,321.00	19,795.91	7,321.00	306.32	309.79	-90.00	-6,735.26	-12,042.93	1,089.65	503.45	586.21	1.859		
19,100.00	7,321.00	19,894.39	7,321.00	308.93	312.25	-90.00	-6,735.10	-12,141.41	1,072.30	480.85	591.45	1.813		
19,200.00	7,321.00	19,992.87	7,321.00	311.54	314.72	-90.00	-6,734.93	-12,239.90	1,054.94	458.25	596.69	1.768		
19,300.00	7,321.00	20,091.36	7,321.00	314.16	317.19	-90.00	-6,734.77	-12,338.38	1,037.58	435.64	601.93	1.724		
19,400.00	7,321.00	20,189.84	7,321.00	316.77	319.66	-90.00	-6,734.61	-12,436.86	1,020.22	413.04	607.18	1.680		
19,500.00	7,321.00	20,288.32	7,321.00	319.38	322.14	-90.00	-6,734.45	-12,535.34	1,002.86	390.43	612.43	1.638		
19,600.00	7,321.00	20,386.80	7,321.00	322.00	324.63	-90.00	-6,734.29	-12,633.82	985.50	367.83	617.67	1.596		
19,700.00	7,321.00	20,485.28	7,321.00	324.61	327.11	-90.00	-6,734.13	-12,732.30	968.14	345.22	622.92	1.554		
19,800.00	7,321.00	20,583.93	7,321.00	327.23	329.61	-90.00	-6,733.96	-12,830.95	951.77	323.58	628.18	1.515		
19,900.00	7,321.00	20,683.07	7,321.00	329.85	332.12	-90.00	-6,733.80	-12,930.09	938.75	305.26	633.49	1.482 Level 3		
20,000.00	7,321.00	20,782.61	7,321.00	332.46	334.64	-90.00	-6,733.64	-13,029.63	929.20	290.37	638.82	1.455 Level 3		
20,100.00	7,321.00	20,882.42	7,321.00	335.06	337.18	-90.00	-6,733.47	-13,129.44	923.12	278.94	644.18	1.433 Level 3		
20,200.00	7,321.00	20,982.38	7,321.00	337.65	339.72	-90.00	-6,733.31	-13,229.40	920.54	270.98	649.56	1.417 Level 3		
20,258.01	7,321.00	21,040.39	7,321.00	339.14	341.20	-90.00	-6,733.21	-13,287.41	920.29	267.61	652.68	1.410 Level 3		
20,300.00	7,321.00	21,082.38	7,321.00	340.22	342.27	-90.00	-6,733.15	-13,329.40	920.84	265.90	654.94	1.406 Level 3		
20,400.00	7,321.00	21,182.38	7,321.00	342.79	344.82	-90.00	-6,732.98	-13,429.40	921.45	261.12	660.33	1.395 Level 3		
20,500.00	7,321.00	21,282.38	7,321.00	345.37	347.37	-90.00	-6,732.82	-13,529.40	922.06	256.34	665.72	1.385 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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-20-03 - 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	
20,600.00	7,321.00	21,382.38	7,321.00	347.95	349.93	-90.00	-6,732.65	-13,629.40	922.67	251.57	671.10	1.375	Level 3
20,700.00	7,321.00	21,482.37	7,321.00	350.53	352.49	-90.00	-6,732.49	-13,729.39	923.28	246.78	676.49	1.365	Level 3
20,800.00	7,321.00	21,582.37	7,321.00	353.11	355.05	-90.00	-6,732.32	-13,829.39	923.89	242.00	681.89	1.355	Level 3
20,900.00	7,321.00	21,682.37	7,321.00	355.70	357.61	-90.00	-6,732.16	-13,929.39	924.50	237.22	687.28	1.345	Level 3
20,976.29	7,321.00	21,746.26	7,321.00	357.67	359.25	-90.00	-6,732.06	-13,993.28	925.04	231.55	693.49	1.334	Level 3, SF

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	0.00	0.00	0.00	0.00	73.40	19.31	64.77	67.59					
100.00	100.00	99.00	99.00	0.27	0.27	73.40	19.31	64.77	67.59	67.05	0.54	126.323		
200.00	200.00	200.44	200.42	0.63	0.62	74.58	17.68	64.10	66.51	65.27	1.25	53.373		
300.00	300.00	301.65	301.49	0.99	0.98	78.40	12.74	62.09	63.43	61.47	1.96	32.309		
400.00	400.00	402.36	401.80	1.34	1.35	85.57	4.55	58.74	58.99	56.29	2.70	21.882		
500.00	499.98	502.55	501.22	1.69	1.75	-112.07	-6.83	54.10	55.20	51.77	3.43	16.073		
600.00	599.84	602.36	599.79	2.03	2.18	-101.10	-21.37	48.16	53.59	49.39	4.20	12.758		
618.01	617.80	620.30	617.44	2.09	2.26	-99.07	-24.31	46.96	53.55	49.20	4.35	12.320	CC, ES	
700.00	699.45	701.80	697.39	2.38	2.63	-89.91	-39.00	40.96	54.36	49.35	5.01	10.852		
800.00	798.70	800.88	793.91	2.75	3.12	-79.50	-59.67	32.52	57.42	51.57	5.84	9.824		
900.00	897.47	900.00	889.64	3.15	3.65	-70.50	-83.44	22.82	62.44	55.75	6.70	9.322		
1,000.00	995.62	997.95	983.32	3.57	4.22	-63.18	-109.92	12.01	69.00	61.45	7.55	9.138		
1,100.00	1,093.06	1,095.95	1,076.00	4.03	4.83	-57.34	-139.36	-0.01	76.70	68.28	8.42	9.112		
1,200.00	1,189.64	1,193.59	1,167.23	4.53	5.48	-52.76	-171.60	-13.17	85.23	75.93	9.30	9.165		
1,300.00	1,285.27	1,290.90	1,256.89	5.08	6.17	-49.17	-206.58	-27.45	94.35	84.15	10.20	9.249		
1,400.00	1,379.82	1,387.86	1,344.92	5.66	6.91	-46.36	-244.21	-42.82	103.89	92.76	11.13	9.335		
1,500.00	1,473.17	1,484.49	1,431.22	6.30	7.70	-44.15	-284.44	-59.24	113.75	101.66	12.09	9.409		
1,600.00	1,565.21	1,580.80	1,515.73	6.98	8.53	-42.43	-327.19	-76.69	123.83	110.74	13.09	9.462		
1,700.00	1,655.84	1,676.78	1,598.36	7.72	9.40	-41.08	-372.39	-95.15	134.06	119.94	14.12	9.492		
1,800.00	1,744.94	1,772.45	1,679.05	8.51	10.31	-40.02	-419.97	-114.57	144.41	129.21	15.20	9.498		
1,900.00	1,832.39	1,867.81	1,757.73	9.35	11.27	-39.21	-469.85	-134.93	154.83	138.50	16.33	9.479		
2,000.00	1,918.11	1,962.87	1,834.33	10.25	12.26	-38.59	-521.96	-156.21	165.30	147.78	17.51	9.438		
2,100.00	2,001.97	2,057.63	1,908.79	11.19	13.30	-38.14	-576.22	-178.36	175.79	157.03	18.75	9.375		
2,200.00	2,083.88	2,152.11	1,981.06	12.20	14.38	-37.82	-632.55	-201.36	186.27	166.23	20.04	9.293		
2,300.00	2,163.74	2,246.32	2,051.09	13.25	15.50	-37.61	-690.89	-225.18	196.75	175.35	21.40	9.195		
2,400.00	2,241.45	2,340.25	2,118.81	14.35	16.65	-37.49	-751.15	-249.78	207.19	184.38	22.82	9.081		
2,500.00	2,316.92	2,433.93	2,184.18	15.51	17.84	-37.46	-813.26	-275.14	217.60	193.30	24.30	8.955		
2,600.00	2,390.05	2,527.35	2,247.15	16.71	19.06	-37.49	-877.14	-301.21	227.95	202.10	25.85	8.818		
2,700.00	2,460.76	2,620.52	2,307.69	17.96	20.32	-37.58	-942.72	-327.98	238.24	210.77	27.47	8.672		
2,800.00	2,528.98	2,713.46	2,365.75	19.26	21.61	-37.74	-1,009.90	-355.41	248.48	219.32	29.16	8.521		
2,900.00	2,596.24	2,805.98	2,421.17	20.59	22.92	-37.77	-1,078.48	-383.41	260.36	229.56	30.80	8.453		
3,000.00	2,663.50	2,901.32	2,476.08	21.92	24.31	-37.48	-1,150.64	-412.87	274.57	242.14	32.43	8.466		
3,100.00	2,730.76	3,000.24	2,532.71	23.25	25.76	-37.16	-1,225.73	-443.53	289.14	254.96	34.18	8.460		
3,200.00	2,798.02	3,099.16	2,589.35	24.60	27.21	-36.87	-1,300.81	-474.18	303.72	267.79	35.93	8.453		
3,300.00	2,865.28	3,198.08	2,645.98	25.94	28.67	-36.60	-1,375.90	-504.84	318.30	280.62	37.68	8.446		
3,400.00	2,932.54	3,297.00	2,702.62	27.30	30.13	-36.36	-1,450.99	-535.49	332.89	293.45	39.45	8.439		
3,500.00	2,999.80	3,395.92	2,759.25	28.65	31.59	-36.14	-1,526.08	-566.15	347.49	306.28	41.21	8.432		
3,600.00	3,067.06	3,494.84	2,815.88	30.01	33.06	-35.94	-1,601.16	-596.80	362.09	319.12	42.98	8.425		
3,700.00	3,134.32	3,593.76	2,872.52	31.37	34.52	-35.75	-1,676.25	-627.46	376.70	331.95	44.75	8.419		
3,800.00	3,201.59	3,692.68	2,929.15	32.73	35.99	-35.58	-1,751.34	-658.11	391.31	344.79	46.52	8.412		
3,900.00	3,268.85	3,791.61	2,985.79	34.09	37.47	-35.42	-1,826.43	-688.77	405.92	357.63	48.29	8.406		
4,000.00	3,336.11	3,890.53	3,042.42	35.46	38.94	-35.27	-1,901.51	-719.42	420.54	370.47	50.07	8.399		
4,100.00	3,403.37	3,989.45	3,099.05	36.83	40.41	-35.13	-1,976.60	-750.08	435.16	383.31	51.84	8.393		
4,200.00	3,470.63	4,088.37	3,155.69	38.20	41.89	-35.00	-2,051.69	-780.73	449.78	396.15	53.62	8.388		
4,300.00	3,537.89	4,187.29	3,212.32	39.57	43.36	-34.88	-2,126.78	-811.39	464.40	408.99	55.40	8.382		
4,400.00	3,605.15	4,286.21	3,268.95	40.94	44.84	-34.76	-2,201.86	-842.04	479.02	421.84	57.19	8.377		
4,500.00	3,672.41	4,385.13	3,325.59	42.31	46.32	-34.66	-2,276.95	-872.70	493.65	434.68	58.97	8.372		
4,600.00	3,739.67	4,484.05	3,382.22	43.68	47.80	-34.55	-2,352.04	-903.35	508.28	447.53	60.75	8.367		
4,700.00	3,806.93	4,582.97	3,438.86	45.06	49.28	-34.46	-2,427.13	-934.01	522.91	460.37	62.53	8.362		
4,800.00	3,874.19	4,681.89	3,495.49	46.43	50.76	-34.37	-2,502.21	-964.66	537.54	473.22	64.32	8.357		
4,900.00	3,941.46	4,780.81	3,552.12	47.81	52.24	-34.28	-2,577.30	-995.32	552.17	486.07	66.11	8.353		
5,000.00	4,008.72	4,879.73	3,608.76	49.18	53.72	-34.20	-2,652.39	-1,025.97	566.80	498.91	67.89	8.349		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	4,075.98	4,978.65	3,665.39	50.56	55.20	-34.12	-2,727.48	-1,056.63	581.44	511.76	69.68	8.345		
5,200.00	4,143.24	5,077.57	3,722.02	51.94	56.68	-34.05	-2,802.56	-1,087.28	596.07	524.61	71.47	8.341		
5,300.00	4,210.50	5,176.49	3,778.66	53.31	58.16	-33.98	-2,877.65	-1,117.94	610.71	537.46	73.25	8.337		
5,400.00	4,277.76	5,275.41	3,835.29	54.69	59.64	-33.91	-2,952.74	-1,148.59	625.35	550.30	75.04	8.333		
5,500.00	4,345.02	5,374.33	3,891.93	56.07	61.13	-33.85	-3,027.83	-1,179.25	639.98	563.15	76.83	8.330		
5,600.00	4,412.28	5,473.25	3,948.56	57.45	62.61	-33.79	-3,102.91	-1,209.90	654.62	576.00	78.62	8.326		
5,700.00	4,479.54	5,572.17	4,005.19	58.83	64.09	-33.73	-3,178.00	-1,240.56	669.26	588.85	80.41	8.323		
5,800.00	4,546.80	5,671.09	4,061.83	60.21	65.58	-33.67	-3,253.09	-1,271.21	683.90	601.70	82.20	8.320		
5,900.00	4,614.07	5,770.01	4,118.46	61.59	67.06	-33.62	-3,328.18	-1,301.87	698.54	614.55	83.99	8.317		
6,000.00	4,681.33	5,868.93	4,175.10	62.97	68.55	-33.57	-3,403.26	-1,332.52	713.18	627.40	85.78	8.314		
6,100.00	4,748.59	5,967.85	4,231.73	64.35	70.03	-33.52	-3,478.35	-1,363.18	727.83	640.25	87.57	8.311		
6,200.00	4,815.85	6,066.77	4,288.36	65.73	71.52	-33.47	-3,553.44	-1,393.83	742.47	653.11	89.36	8.308		
6,300.00	4,883.11	6,165.69	4,345.00	67.11	73.00	-33.43	-3,628.53	-1,424.49	757.11	665.96	91.15	8.306		
6,400.00	4,950.37	6,264.62	4,401.63	68.49	74.49	-33.38	-3,703.61	-1,455.14	771.75	678.81	92.95	8.303		
6,500.00	5,017.63	6,363.54	4,458.26	69.87	75.97	-33.34	-3,778.70	-1,485.80	786.40	691.66	94.74	8.301		
6,600.00	5,084.89	6,462.46	4,514.90	71.25	77.46	-33.30	-3,853.79	-1,516.45	801.04	704.51	96.53	8.298		
6,700.00	5,152.15	6,561.38	4,571.53	72.63	78.94	-33.26	-3,928.88	-1,547.11	815.69	717.36	98.32	8.296		
6,800.00	5,219.41	6,660.30	4,628.17	74.02	80.43	-33.22	-4,003.96	-1,577.76	830.33	730.22	100.12	8.294		
6,900.00	5,286.67	6,759.22	4,684.80	75.40	81.92	-33.19	-4,079.05	-1,608.42	844.98	743.07	101.91	8.292		
7,000.00	5,353.94	6,858.14	4,741.43	76.78	83.40	-33.15	-4,154.14	-1,639.07	859.62	755.92	103.70	8.289		
7,100.00	5,421.20	6,957.06	4,798.07	78.16	84.89	-33.12	-4,229.23	-1,669.73	874.27	768.77	105.49	8.287		
7,200.00	5,488.46	7,055.98	4,854.70	79.55	86.37	-33.09	-4,304.31	-1,700.38	888.91	781.63	107.29	8.285		
7,300.00	5,555.72	7,154.90	4,911.33	80.93	87.86	-33.05	-4,379.40	-1,731.04	903.56	794.48	109.08	8.283		
7,400.00	5,622.98	7,253.82	4,967.97	82.31	89.35	-33.02	-4,454.49	-1,761.69	918.21	807.33	110.87	8.281		
7,500.00	5,690.24	7,352.74	5,024.60	83.69	90.83	-32.99	-4,529.58	-1,792.35	932.85	820.18	112.67	8.280		
7,600.00	5,757.50	7,451.66	5,081.24	85.08	92.32	-32.97	-4,604.66	-1,823.00	947.50	833.04	114.46	8.278		
7,700.00	5,824.76	7,550.58	5,137.87	86.46	93.81	-32.94	-4,679.75	-1,853.66	962.15	845.89	116.26	8.276		
7,800.00	5,892.02	7,649.50	5,194.50	87.84	95.30	-32.91	-4,754.84	-1,884.31	976.79	858.74	118.05	8.274		
7,900.00	5,959.28	7,748.42	5,251.14	89.23	96.78	-32.88	-4,829.93	-1,914.97	991.44	871.60	119.84	8.273		
8,000.00	6,026.55	7,847.34	5,307.77	90.61	98.27	-32.86	-4,905.01	-1,945.62	1,006.09	884.45	121.64	8.271		
8,100.00	6,093.81	7,946.26	5,364.41	91.99	99.76	-32.83	-4,980.10	-1,976.26	1,020.74	897.30	123.43	8.270		
8,200.00	6,161.07	8,045.18	5,421.04	93.38	101.24	-32.81	-5,055.19	-2,006.93	1,035.39	910.16	125.23	8.268		
8,300.00	6,228.33	8,144.10	5,477.67	94.76	102.73	-32.79	-5,130.28	-2,037.59	1,050.03	923.01	127.02	8.267		
8,400.00	6,295.59	8,243.02	5,534.31	96.14	104.22	-32.76	-5,205.36	-2,068.24	1,064.68	935.87	128.82	8.265		
8,500.00	6,362.85	8,341.94	5,590.94	97.53	105.71	-32.74	-5,280.45	-2,098.90	1,079.33	948.72	130.61	8.264		
8,600.00	6,430.11	8,440.86	5,647.57	98.91	107.19	-32.72	-5,355.54	-2,129.55	1,093.98	961.57	132.41	8.262		
8,700.00	6,497.37	8,539.78	5,704.21	100.29	108.68	-32.70	-5,430.63	-2,160.21	1,108.63	974.43	134.20	8.261		
8,800.00	6,564.63	8,638.71	5,760.84	101.68	110.17	-32.68	-5,505.71	-2,190.86	1,123.28	987.28	136.00	8.260		
8,900.00	6,631.89	8,737.63	5,817.48	103.06	111.66	-32.66	-5,580.80	-2,221.52	1,137.93	1,000.14	137.79	8.258		
9,000.00	6,699.15	8,836.55	5,874.11	104.45	113.15	-32.64	-5,655.89	-2,252.17	1,152.58	1,012.99	139.59	8.257		
9,100.00	6,766.42	8,935.47	5,930.74	105.83	114.63	-32.62	-5,730.98	-2,282.83	1,167.23	1,025.84	141.38	8.256		
9,200.00	6,833.68	9,034.39	5,987.38	107.22	116.12	-32.60	-5,806.06	-2,313.48	1,181.88	1,038.70	143.18	8.255		
9,300.00	6,900.94	9,133.31	6,044.01	108.60	117.61	-32.58	-5,881.15	-2,344.14	1,196.53	1,051.55	144.97	8.253		
9,400.00	6,968.20	9,232.23	6,100.65	109.98	119.10	-32.56	-5,956.24	-2,374.79	1,211.18	1,064.41	146.77	8.252		
9,500.00	7,035.46	9,331.15	6,157.28	111.37	120.59	-32.55	-6,031.33	-2,405.45	1,225.83	1,077.26	148.56	8.251		
9,600.00	7,101.31	9,429.69	6,213.70	112.79	122.07	-32.53	-6,106.42	-2,435.98	1,241.61	1,090.70	150.91	8.228		
9,700.00	7,161.49	9,525.42	6,268.50	114.30	123.51	-43.28	-6,178.79	-2,465.65	1,261.09	1,106.08	155.02	8.135		
9,800.00	7,214.06	9,615.43	6,320.04	115.85	124.86	-47.55	-6,247.12	-2,493.54	1,284.58	1,123.76	160.83	7.987		
9,900.00	7,257.41	9,696.98	6,366.73	117.39	126.09	-50.38	-6,309.02	-2,518.82	1,312.61	1,144.52	168.09	7.809		
10,000.00	7,290.24	9,767.60	6,407.16	118.87	127.15	-51.61	-6,362.62	-2,540.70	1,345.82	1,169.36	176.45	7.627		
10,100.00	7,311.53	9,825.13	6,440.09	120.23	128.02	-51.03	-6,406.29	-2,558.53	1,384.68	1,199.24	185.44	7.467		
10,200.00	7,320.66	9,867.83	6,464.54	121.43	128.66	-48.40	-6,438.71	-2,571.76	1,429.29	1,234.77	194.52	7.348		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	9,899.29	6,482.55	122.51	129.13	-48.48	-6,462.59	-2,581.51	1,479.05	1,275.91	203.14	7.281		
10,400.00	7,321.00	9,930.31	6,500.31	123.62	129.60	-49.79	-6,486.13	-2,591.12	1,533.11	1,322.10	211.01	7.266		
10,500.00	7,321.00	9,961.32	6,518.06	124.77	130.07	-51.08	-6,509.67	-2,600.73	1,591.02	1,372.87	218.15	7.293		
10,600.00	7,321.00	9,992.33	6,535.82	125.95	130.53	-52.35	-6,533.21	-2,610.34	1,652.38	1,427.77	224.61	7.357		
10,700.00	7,321.00	11,583.52	7,001.00	127.17	150.81	-78.94	-7,148.53	-3,753.47	1,662.44	1,492.66	169.77	9.792		
10,800.00	7,321.00	11,683.52	7,001.00	128.43	151.80	-78.94	-7,148.37	-3,853.47	1,662.25	1,488.46	173.78	9.565		
10,900.00	7,321.00	11,783.52	7,001.00	129.72	152.83	-78.93	-7,148.21	-3,953.47	1,662.06	1,484.19	177.87	9.344		
11,000.00	7,321.00	11,883.52	7,001.00	131.05	153.88	-78.93	-7,148.05	-4,053.47	1,661.87	1,479.85	182.02	9.130		
11,100.00	7,321.00	11,983.52	7,001.00	132.41	154.97	-78.93	-7,147.89	-4,153.47	1,661.68	1,475.45	186.23	8.923		
11,200.00	7,321.00	12,083.52	7,001.00	133.81	156.09	-78.93	-7,147.73	-4,253.47	1,661.49	1,471.00	190.50	8.722		
11,300.00	7,321.00	12,183.52	7,001.00	135.25	157.23	-78.93	-7,147.57	-4,353.47	1,661.30	1,466.48	194.82	8.527		
11,400.00	7,321.00	12,283.52	7,001.00	136.72	158.41	-78.93	-7,147.41	-4,453.47	1,661.11	1,461.92	199.19	8.339		
11,500.00	7,321.00	12,383.52	7,001.00	138.22	159.62	-78.93	-7,147.25	-4,553.47	1,660.93	1,457.31	203.62	8.157		
11,600.00	7,321.00	12,483.52	7,001.00	139.76	160.86	-78.93	-7,147.08	-4,653.47	1,660.74	1,452.66	208.08	7.981		
11,700.00	7,321.00	12,583.52	7,001.00	141.34	162.13	-78.92	-7,146.92	-4,753.47	1,660.55	1,447.96	212.59	7.811		
11,800.00	7,321.00	12,683.52	7,001.00	142.94	163.43	-78.92	-7,146.76	-4,853.47	1,660.36	1,443.22	217.13	7.647		
11,900.00	7,321.00	12,783.52	7,001.00	144.58	164.76	-78.92	-7,146.60	-4,953.47	1,660.17	1,438.45	221.72	7.488		
12,000.00	7,321.00	12,883.51	7,001.00	146.25	166.12	-78.92	-7,146.44	-5,053.47	1,659.98	1,433.65	226.33	7.334		
12,100.00	7,321.00	12,983.51	7,001.00	147.95	167.50	-78.92	-7,146.28	-5,153.47	1,659.79	1,428.81	230.98	7.186		
12,200.00	7,321.00	13,083.51	7,001.00	149.67	168.92	-78.92	-7,146.12	-5,253.47	1,659.60	1,423.94	235.66	7.042		
12,300.00	7,321.00	13,183.51	7,001.00	151.43	170.37	-78.92	-7,145.96	-5,353.47	1,659.41	1,419.04	240.37	6.904		
12,400.00	7,321.00	13,283.51	7,001.00	153.22	171.85	-78.92	-7,145.80	-5,453.47	1,659.23	1,414.12	245.11	6.769		
12,500.00	7,321.00	13,383.51	7,001.00	155.04	173.36	-78.91	-7,145.64	-5,553.47	1,659.04	1,409.17	249.87	6.640		
12,600.00	7,321.00	13,483.51	7,001.00	156.88	174.89	-78.91	-7,145.48	-5,653.47	1,658.85	1,404.20	254.65	6.514		
12,700.00	7,321.00	13,583.51	7,001.00	158.75	176.46	-78.91	-7,145.31	-5,753.47	1,658.66	1,399.20	259.46	6.393		
12,800.00	7,321.00	13,683.51	7,001.00	160.65	178.05	-78.91	-7,145.15	-5,853.47	1,658.47	1,394.18	264.29	6.275		
12,900.00	7,321.00	13,783.51	7,001.00	162.57	179.67	-78.91	-7,144.99	-5,953.47	1,658.28	1,389.14	269.14	6.161		
13,000.00	7,321.00	13,883.51	7,001.00	164.51	181.31	-78.91	-7,144.83	-6,053.47	1,658.09	1,384.09	274.00	6.051		
13,100.00	7,321.00	13,983.51	7,001.00	166.48	182.99	-78.91	-7,144.67	-6,153.47	1,657.90	1,379.01	278.89	5.945		
13,200.00	7,321.00	14,083.51	7,001.00	168.48	184.68	-78.91	-7,144.51	-6,253.47	1,657.71	1,373.92	283.79	5.841		
13,300.00	7,321.00	14,183.51	7,001.00	170.49	186.41	-78.90	-7,144.35	-6,353.46	1,657.52	1,368.81	288.71	5.741		
13,400.00	7,321.00	14,283.51	7,001.00	172.52	188.16	-78.90	-7,144.19	-6,453.46	1,657.34	1,363.69	293.65	5.644		
13,500.00	7,321.00	14,383.51	7,001.00	174.58	189.93	-78.90	-7,144.03	-6,553.46	1,657.15	1,358.55	298.60	5.550		
13,600.00	7,321.00	14,483.51	7,001.00	176.66	191.73	-78.90	-7,143.87	-6,653.46	1,656.96	1,353.39	303.56	5.458		
13,700.00	7,321.00	14,583.51	7,001.00	178.75	193.55	-78.90	-7,143.71	-6,753.46	1,656.77	1,348.23	308.54	5.370		
13,800.00	7,321.00	14,683.51	7,001.00	180.87	195.40	-78.90	-7,143.55	-6,853.46	1,656.58	1,343.05	313.53	5.284		
13,900.00	7,321.00	14,783.51	7,001.00	183.00	197.27	-78.90	-7,143.38	-6,953.46	1,656.39	1,337.86	318.53	5.200		
14,000.00	7,321.00	14,883.51	7,001.00	185.15	199.16	-78.89	-7,143.22	-7,053.46	1,656.20	1,332.65	323.55	5.119		
14,100.00	7,321.00	14,983.51	7,001.00	187.32	201.07	-78.89	-7,143.06	-7,153.46	1,656.01	1,327.44	328.57	5.040		
14,200.00	7,321.00	15,083.51	7,001.00	189.50	203.00	-78.89	-7,142.90	-7,253.46	1,655.82	1,322.22	333.61	4.963		
14,300.00	7,321.00	15,183.51	7,001.00	191.70	204.95	-78.89	-7,142.74	-7,353.46	1,655.64	1,316.98	338.65	4.889		
14,400.00	7,321.00	15,283.51	7,001.00	193.92	206.93	-78.89	-7,142.58	-7,453.46	1,655.45	1,311.74	343.71	4.816		
14,500.00	7,321.00	15,383.51	7,001.00	196.15	208.92	-78.89	-7,142.42	-7,553.46	1,655.26	1,306.49	348.77	4.746		
14,600.00	7,321.00	15,483.51	7,001.00	198.39	210.93	-78.89	-7,142.26	-7,653.46	1,655.07	1,301.22	353.85	4.677		
14,700.00	7,321.00	15,583.51	7,001.00	200.65	212.96	-78.89	-7,142.10	-7,753.46	1,654.88	1,295.95	358.93	4.611		
14,800.00	7,321.00	15,683.51	7,001.00	202.92	215.01	-78.88	-7,141.94	-7,853.46	1,654.69	1,290.67	364.02	4.546		
14,900.00	7,321.00	15,783.51	7,001.00	205.20	217.07	-78.88	-7,141.78	-7,953.46	1,654.50	1,285.39	369.11	4.482		
15,000.00	7,321.00	15,883.51	7,001.00	207.50	219.16	-78.88	-7,141.61	-8,053.46	1,654.31	1,280.09	374.22	4.421		
15,100.00	7,321.00	15,983.51	7,001.00	209.80	221.25	-78.88	-7,141.45	-8,153.46	1,654.12	1,274.79	379.33	4.361		
15,200.00	7,321.00	16,083.51	7,001.00	212.12	223.37	-78.88	-7,141.29	-8,253.46	1,653.94	1,269.49	384.45	4.302		
15,300.00	7,321.00	16,183.51	7,001.00	214.45	225.50	-78.88	-7,141.13	-8,353.46	1,653.75	1,264.17	389.57	4.245		
15,400.00	7,321.00	16,283.51	7,001.00	216.79	227.64	-78.88	-7,140.97	-8,453.46	1,653.56	1,258.85	394.71	4.189		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	16,383.51	7,001.00	219.15	229.80	-78.88	-7,140.81	-8,553.46	1,653.37	1,253.53	399.84	4.135		
15,600.00	7,321.00	16,483.51	7,001.00	221.51	231.98	-78.87	-7,140.65	-8,653.46	1,653.18	1,248.19	404.99	4.082		
15,700.00	7,321.00	16,583.51	7,001.00	223.88	234.17	-78.87	-7,140.49	-8,753.46	1,652.99	1,242.85	410.14	4.030		
15,800.00	7,321.00	16,683.51	7,001.00	226.26	236.37	-78.87	-7,140.33	-8,853.46	1,652.80	1,237.51	415.29	3.980		
15,900.00	7,321.00	16,783.51	7,001.00	228.65	238.58	-78.87	-7,140.17	-8,953.46	1,652.61	1,232.16	420.45	3.931		
16,000.00	7,321.00	16,883.51	7,001.00	231.04	240.81	-78.87	-7,140.01	-9,053.46	1,652.42	1,226.81	425.61	3.882		
16,100.00	7,321.00	16,983.51	7,001.00	233.45	243.05	-78.87	-7,139.84	-9,153.46	1,652.24	1,221.45	430.78	3.835		
16,200.00	7,321.00	17,083.51	7,001.00	235.86	245.30	-78.87	-7,139.68	-9,253.46	1,652.05	1,216.09	435.96	3.789		
16,300.00	7,321.00	17,183.51	7,001.00	238.28	247.56	-78.87	-7,139.52	-9,353.46	1,651.86	1,210.72	441.14	3.745		
16,400.00	7,321.00	17,283.51	7,001.00	240.71	249.83	-78.86	-7,139.36	-9,453.46	1,651.67	1,205.35	446.32	3.701		
16,500.00	7,321.00	17,383.51	7,001.00	243.15	252.12	-78.86	-7,139.20	-9,553.45	1,651.48	1,199.97	451.51	3.658		
16,600.00	7,321.00	17,483.51	7,001.00	245.59	254.41	-78.86	-7,139.04	-9,653.45	1,651.29	1,194.59	456.70	3.616		
16,700.00	7,321.00	17,583.51	7,001.00	248.05	256.72	-78.86	-7,138.88	-9,753.45	1,651.10	1,189.21	461.89	3.575		
16,800.00	7,321.00	17,683.51	7,001.00	250.50	259.03	-78.86	-7,138.72	-9,853.45	1,650.91	1,183.82	467.09	3.534		
16,900.00	7,321.00	17,783.51	7,001.00	252.97	261.36	-78.86	-7,138.56	-9,953.45	1,650.72	1,178.43	472.29	3.495		
17,000.00	7,321.00	17,883.51	7,001.00	255.44	263.69	-78.86	-7,138.40	-10,053.45	1,650.54	1,173.04	477.50	3.457		
17,100.00	7,321.00	17,983.51	7,001.00	257.91	266.04	-78.85	-7,138.24	-10,153.45	1,650.35	1,167.64	482.71	3.419		
17,200.00	7,321.00	18,083.51	7,001.00	260.39	268.39	-78.85	-7,138.08	-10,253.45	1,650.16	1,162.24	487.92	3.382		
17,300.00	7,321.00	18,183.51	7,001.00	262.88	270.75	-78.85	-7,137.91	-10,353.45	1,649.97	1,156.83	493.14	3.346		
17,400.00	7,321.00	18,283.50	7,001.00	265.37	273.12	-78.85	-7,137.75	-10,453.45	1,649.78	1,151.42	498.35	3.310		
17,500.00	7,321.00	18,383.50	7,001.00	267.87	275.49	-78.85	-7,137.59	-10,553.45	1,649.59	1,146.01	503.58	3.276		
17,600.00	7,321.00	18,483.50	7,001.00	270.37	277.88	-78.85	-7,137.43	-10,653.45	1,649.40	1,140.60	508.80	3.242		
17,700.00	7,321.00	18,583.50	7,001.00	272.88	280.27	-78.85	-7,137.27	-10,753.45	1,649.21	1,135.18	514.03	3.208		
17,800.00	7,321.00	18,683.50	7,001.00	275.40	282.67	-78.85	-7,137.11	-10,853.45	1,649.02	1,129.77	519.26	3.176		
17,900.00	7,321.00	18,783.50	7,001.00	277.91	285.08	-78.84	-7,136.95	-10,953.45	1,648.83	1,124.34	524.49	3.144		
18,000.00	7,321.00	18,883.50	7,001.00	280.43	287.49	-78.84	-7,136.79	-11,053.45	1,648.65	1,118.92	529.73	3.112		
18,100.00	7,321.00	18,983.49	7,001.00	282.97	289.91	-78.83	-7,136.63	-11,153.44	1,647.35	1,112.40	534.95	3.079		
18,200.00	7,321.00	19,083.37	7,001.00	285.53	292.33	-78.78	-7,136.47	-11,253.32	1,642.70	1,102.55	540.15	3.041		
18,300.00	7,321.00	19,183.03	7,001.00	288.11	294.76	-78.69	-7,136.31	-11,352.98	1,634.63	1,089.33	545.29	2.998		
18,400.00	7,321.00	19,282.34	7,001.00	290.70	297.18	-78.56	-7,136.15	-11,452.28	1,623.15	1,072.77	550.38	2.949		
18,500.00	7,321.00	19,381.18	7,001.00	293.30	299.60	-78.40	-7,135.99	-11,551.12	1,608.29	1,052.89	555.40	2.896		
18,600.00	7,321.00	19,479.66	7,001.00	295.90	302.01	-78.26	-7,135.83	-11,649.61	1,591.32	1,030.95	560.37	2.840		
18,700.00	7,321.00	19,578.15	7,001.00	298.50	304.43	-78.13	-7,135.67	-11,748.09	1,574.32	1,008.99	565.33	2.785		
18,800.00	7,321.00	19,676.63	7,001.00	301.11	306.86	-78.00	-7,135.51	-11,846.57	1,557.33	987.05	570.28	2.731		
18,900.00	7,321.00	19,775.11	7,001.00	303.72	309.29	-77.87	-7,135.35	-11,945.06	1,540.34	965.12	575.22	2.678		
19,000.00	7,321.00	19,873.59	7,001.00	306.32	311.72	-77.73	-7,135.20	-12,043.54	1,523.37	943.22	580.15	2.626		
19,100.00	7,321.00	19,972.08	7,001.00	308.93	314.16	-77.59	-7,135.04	-12,142.02	1,506.40	921.33	585.07	2.575		
19,200.00	7,321.00	20,070.56	7,001.00	311.54	316.61	-77.45	-7,134.88	-12,240.50	1,489.44	899.46	589.98	2.525		
19,300.00	7,321.00	20,169.04	7,001.00	314.16	319.06	-77.30	-7,134.72	-12,338.99	1,472.49	877.61	594.88	2.475		
19,400.00	7,321.00	20,267.52	7,001.00	316.77	321.51	-77.15	-7,134.56	-12,437.47	1,455.56	855.79	599.76	2.427		
19,500.00	7,321.00	20,366.01	7,001.00	319.38	323.97	-77.00	-7,134.40	-12,535.95	1,438.63	833.99	604.64	2.379		
19,600.00	7,321.00	20,464.49	7,001.00	322.00	326.43	-76.84	-7,134.24	-12,634.43	1,421.71	812.21	609.49	2.333		
19,700.00	7,321.00	20,562.97	7,001.00	324.61	328.90	-76.68	-7,134.09	-12,732.91	1,404.80	790.46	614.34	2.287		
19,800.00	7,321.00	20,661.62	7,001.00	327.23	331.37	-76.58	-7,133.93	-12,831.56	1,388.86	769.67	619.19	2.243		
19,900.00	7,321.00	20,760.76	7,001.00	329.85	333.86	-76.51	-7,133.77	-12,930.71	1,376.20	752.07	624.13	2.205		
20,000.00	7,321.00	20,860.30	7,001.00	332.46	336.37	-76.46	-7,133.61	-13,030.24	1,366.91	737.76	629.15	2.173		
20,100.00	7,321.00	20,960.11	7,001.00	335.06	338.88	-76.43	-7,133.45	-13,130.05	1,361.01	726.76	634.25	2.146		
20,200.00	7,321.00	21,060.07	7,001.00	337.65	341.41	-76.42	-7,133.29	-13,230.02	1,358.50	719.08	639.42	2.125		
20,257.78	7,321.00	21,117.85	7,001.00	339.13	342.87	-76.42	-7,133.19	-13,287.79	1,358.26	715.82	642.44	2.114		
20,300.00	7,321.00	21,160.07	7,001.00	340.22	343.94	-76.42	-7,133.13	-13,330.01	1,358.80	714.14	644.66	2.108		
20,400.00	7,321.00	21,260.07	7,001.00	342.79	346.47	-76.43	-7,132.97	-13,430.01	1,359.40	709.49	649.90	2.092		
20,500.00	7,321.00	21,360.07	7,001.00	345.37	349.00	-76.43	-7,132.80	-13,530.01	1,359.99	704.84	655.15	2.076		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-20-04 - 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	
20,600.00	7,321.00	21,460.06	7,001.00	347.95	351.54	-76.44	-7,132.64	-13,630.01	1,360.59	700.19	660.39	2.060	
20,700.00	7,321.00	21,560.06	7,001.00	350.53	354.09	-76.45	-7,132.48	-13,730.01	1,361.18	695.54	665.64	2.045	
20,800.00	7,321.00	21,660.06	7,001.00	353.11	356.63	-76.45	-7,132.32	-13,830.00	1,361.78	690.88	670.89	2.030	
20,900.00	7,321.00	21,760.06	7,001.00	355.70	359.18	-76.46	-7,132.16	-13,930.00	1,362.37	686.23	676.15	2.015	
20,976.29	7,321.00	21,818.56	7,001.00	357.67	360.67	-76.46	-7,132.07	-13,988.50	1,362.94	680.88	682.06	1.998 SF	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
2,900.00	2,596.24	2,627.24	2,627.24	20.59	52.47	45.50	-5,638.07	-9,332.42	10,044.74	9,977.58	67.16	149.570		
3,000.00	2,663.50	2,694.50	2,694.50	21.92	53.82	45.75	-5,638.07	-9,332.42	9,983.76	9,914.41	69.35	143.971		
3,100.00	2,730.76	2,761.76	2,761.76	23.25	55.18	46.01	-5,638.07	-9,332.42	9,922.96	9,851.41	71.55	138.685		
3,200.00	2,798.02	2,829.02	2,829.02	24.60	56.53	46.27	-5,638.07	-9,332.42	9,862.33	9,788.56	73.77	133.691		
3,300.00	2,865.28	2,896.28	2,896.28	25.94	57.88	46.54	-5,638.07	-9,332.42	9,801.89	9,725.89	76.00	128.965		
3,400.00	2,932.54	2,963.54	2,963.54	27.30	59.24	46.80	-5,638.07	-9,332.42	9,741.64	9,663.39	78.25	124.490		
3,500.00	2,999.80	3,030.80	3,030.80	28.65	60.59	47.07	-5,638.07	-9,332.42	9,681.58	9,601.07	80.51	120.248		
3,600.00	3,067.06	3,098.06	3,098.06	30.01	61.94	47.34	-5,638.07	-9,332.42	9,621.71	9,538.92	82.79	116.221		
3,700.00	3,134.32	3,165.32	3,165.32	31.37	63.29	47.62	-5,638.07	-9,332.42	9,562.04	9,476.97	85.08	112.395		
3,800.00	3,201.59	3,232.59	3,232.59	32.73	64.65	47.89	-5,638.07	-9,332.42	9,502.58	9,415.20	87.38	108.755		
3,900.00	3,268.85	3,299.85	3,299.85	34.09	66.00	48.17	-5,638.07	-9,332.42	9,443.31	9,353.63	89.69	105.291		
4,000.00	3,336.11	3,367.11	3,367.11	35.46	67.35	48.45	-5,638.07	-9,332.42	9,384.26	9,292.25	92.01	101.989		
4,100.00	3,403.37	3,434.37	3,434.37	36.83	68.70	48.73	-5,638.07	-9,332.42	9,325.42	9,231.07	94.35	98.840		
4,200.00	3,470.63	3,501.63	3,501.63	38.20	70.06	49.02	-5,638.07	-9,332.42	9,266.80	9,170.10	96.70	95.833		
4,300.00	3,537.89	3,568.89	3,568.89	39.57	71.41	49.31	-5,638.07	-9,332.42	9,208.40	9,109.34	99.06	92.960		
4,400.00	3,605.15	3,636.15	3,636.15	40.94	72.76	49.60	-5,638.07	-9,332.42	9,150.22	9,048.79	101.43	90.212		
4,500.00	3,672.41	3,703.41	3,703.41	42.31	74.12	49.89	-5,638.07	-9,332.42	9,092.28	8,988.46	103.81	87.582		
4,600.00	3,739.67	3,770.67	3,770.67	43.68	75.47	50.18	-5,638.07	-9,332.42	9,034.57	8,928.35	106.21	85.062		
4,700.00	3,806.93	3,837.93	3,837.93	45.06	76.82	50.48	-5,638.07	-9,332.42	8,977.09	8,868.47	108.62	82.647		
4,800.00	3,874.19	3,905.19	3,905.19	46.43	78.17	50.78	-5,638.07	-9,332.42	8,919.87	8,808.83	111.04	80.330		
4,900.00	3,941.46	3,972.46	3,972.46	47.81	79.53	51.08	-5,638.07	-9,332.42	8,862.89	8,749.41	113.47	78.106		
5,000.00	4,008.72	4,039.72	4,039.72	49.18	80.88	51.39	-5,638.07	-9,332.42	8,806.16	8,690.24	115.92	75.969		
5,100.00	4,075.98	4,106.98	4,106.98	50.56	82.23	51.70	-5,638.07	-9,332.42	8,749.69	8,631.32	118.37	73.915		
5,200.00	4,143.24	4,174.24	4,174.24	51.94	83.58	52.01	-5,638.07	-9,332.42	8,693.48	8,572.64	120.84	71.940		
5,300.00	4,210.50	4,241.50	4,241.50	53.31	84.94	52.32	-5,638.07	-9,332.42	8,637.55	8,514.22	123.32	70.039		
5,400.00	4,277.76	4,308.76	4,308.76	54.69	86.29	52.64	-5,638.07	-9,332.42	8,581.88	8,456.06	125.82	68.208		
5,500.00	4,345.02	4,376.02	4,376.02	56.07	87.64	52.96	-5,638.07	-9,332.42	8,526.50	8,398.17	128.33	66.444		
5,600.00	4,412.28	4,443.28	4,443.28	57.45	89.00	53.28	-5,638.07	-9,332.42	8,471.40	8,340.55	130.84	64.744		
5,700.00	4,479.54	4,510.54	4,510.54	58.83	90.35	53.60	-5,638.07	-9,332.42	8,416.59	8,283.21	133.38	63.104		
5,800.00	4,546.80	4,577.80	4,577.80	60.21	91.70	53.93	-5,638.07	-9,332.42	8,362.07	8,226.15	135.92	61.522		
5,900.00	4,614.07	4,645.07	4,645.07	61.59	93.05	54.26	-5,638.07	-9,332.42	8,307.86	8,169.38	138.48	59.994		
6,000.00	4,681.33	4,712.33	4,712.33	62.97	94.41	54.59	-5,638.07	-9,332.42	8,253.95	8,112.90	141.05	58.519		
6,100.00	4,748.59	4,779.59	4,779.59	64.35	95.76	54.93	-5,638.07	-9,332.42	8,200.36	8,056.73	143.63	57.093		
6,200.00	4,815.85	4,846.85	4,846.85	65.73	97.11	55.27	-5,638.07	-9,332.42	8,147.09	8,000.86	146.23	55.715		
6,300.00	4,883.11	4,914.11	4,914.11	67.11	98.46	55.61	-5,638.07	-9,332.42	8,094.14	7,945.30	148.84	54.382		
6,400.00	4,950.37	4,981.37	4,981.37	68.49	99.82	55.95	-5,638.07	-9,332.42	8,041.52	7,890.06	151.46	53.093		
6,500.00	5,017.63	5,048.63	5,048.63	69.87	101.17	56.30	-5,638.07	-9,332.42	7,989.25	7,835.15	154.10	51.846		
6,600.00	5,084.89	5,115.89	5,115.89	71.25	102.52	56.65	-5,638.07	-9,332.42	7,937.32	7,780.57	156.75	50.638		
6,700.00	5,152.15	5,183.15	5,183.15	72.63	103.87	57.00	-5,638.07	-9,332.42	7,885.74	7,726.33	159.41	49.468		
6,800.00	5,219.41	5,250.41	5,250.41	74.02	105.23	57.35	-5,638.07	-9,332.42	7,834.52	7,672.43	162.09	48.335		
6,900.00	5,286.67	5,317.67	5,317.67	75.40	106.58	57.71	-5,638.07	-9,332.42	7,783.67	7,618.89	164.78	47.238		
7,000.00	5,353.94	5,384.94	5,384.94	76.78	107.93	58.07	-5,638.07	-9,332.42	7,733.19	7,565.71	167.48	46.174		
7,100.00	5,421.20	5,452.20	5,452.20	78.16	109.29	58.44	-5,638.07	-9,332.42	7,683.09	7,512.89	170.20	45.142		
7,200.00	5,488.46	5,519.46	5,519.46	79.55	110.64	58.80	-5,638.07	-9,332.42	7,633.38	7,460.45	172.93	44.141		
7,300.00	5,555.72	5,586.72	5,586.72	80.93	111.99	59.17	-5,638.07	-9,332.42	7,584.07	7,408.39	175.68	43.171		
7,400.00	5,622.98	5,653.98	5,653.98	82.31	113.34	59.54	-5,638.07	-9,332.42	7,535.16	7,356.73	178.43	42.229		
7,500.00	5,690.24	5,721.24	5,721.24	83.69	114.70	59.92	-5,638.07	-9,332.42	7,486.66	7,305.46	181.21	41.316		
7,600.00	5,757.50	5,788.50	5,788.50	85.08	116.05	60.30	-5,638.07	-9,332.42	7,438.59	7,254.59	183.99	40.428		
7,700.00	5,824.76	5,855.76	5,855.76	86.46	117.40	60.68	-5,638.07	-9,332.42	7,390.94	7,204.14	186.79	39.567		
7,800.00	5,892.02	5,923.02	5,923.02	87.84	118.75	61.06	-5,638.07	-9,332.42	7,343.73	7,154.12	189.61	38.731		
7,900.00	5,959.28	5,990.28	5,990.28	89.23	120.11	61.45	-5,638.07	-9,332.42	7,296.96	7,104.52	192.44	37.919		
8,000.00	6,026.55	6,057.55	6,057.55	90.61	121.46	61.84	-5,638.07	-9,332.42	7,250.65	7,055.37	195.28	37.130		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
8,100.00	6,093.81	6,124.81	6,124.81	91.99	122.81	62.23	-5,638.07	-9,332.42	7,204.79	7,006.66	198.13	36.364		
8,200.00	6,161.07	6,192.07	6,192.07	93.38	124.16	62.62	-5,638.07	-9,332.42	7,159.41	6,958.41	201.00	35.619		
8,300.00	6,228.33	6,259.33	6,259.33	94.76	125.52	63.02	-5,638.07	-9,332.42	7,114.52	6,910.63	203.88	34.895		
8,400.00	6,295.59	6,326.59	6,326.59	96.14	126.87	63.42	-5,638.07	-9,332.42	7,070.11	6,863.33	206.78	34.192		
8,500.00	6,362.85	6,393.85	6,393.85	97.53	128.22	63.83	-5,638.07	-9,332.42	7,026.19	6,816.51	209.69	33.508		
8,600.00	6,430.11	6,461.11	6,461.11	98.91	129.58	64.23	-5,638.07	-9,332.42	6,982.79	6,770.18	212.61	32.844		
8,700.00	6,497.37	6,528.37	6,528.37	100.29	130.93	64.64	-5,638.07	-9,332.42	6,939.90	6,724.36	215.54	32.198		
8,800.00	6,564.63	6,595.63	6,595.63	101.68	132.28	65.05	-5,638.07	-9,332.42	6,897.55	6,679.06	218.49	31.569		
8,900.00	6,631.89	6,662.89	6,662.89	103.06	133.63	65.47	-5,638.07	-9,332.42	6,855.72	6,634.28	221.45	30.959		
9,000.00	6,699.15	6,730.15	6,730.15	104.45	134.99	65.89	-5,638.07	-9,332.42	6,814.45	6,590.03	224.42	30.365		
9,100.00	6,766.42	6,797.42	6,797.42	105.83	136.34	66.31	-5,638.07	-9,332.42	6,773.73	6,546.33	227.40	29.787		
9,200.00	6,833.68	6,864.68	6,864.68	107.22	137.69	66.73	-5,638.07	-9,332.42	6,733.58	6,503.19	230.40	29.226		
9,300.00	6,900.94	6,931.94	6,931.94	108.60	139.04	67.15	-5,638.07	-9,332.42	6,694.01	6,460.61	233.40	28.680		
9,400.00	6,968.20	6,999.20	6,999.20	109.98	140.40	67.58	-5,638.07	-9,332.42	6,655.02	6,418.60	236.42	28.149		
9,500.00	7,035.46	7,066.46	7,066.46	111.37	141.75	68.01	-5,638.07	-9,332.42	6,616.64	6,377.19	239.45	27.633		
9,600.00	7,101.31	7,132.31	7,132.31	112.79	143.07	62.15	-5,638.07	-9,332.42	6,574.20	6,331.76	242.44	27.117		
9,700.00	7,161.49	7,192.49	7,192.49	114.30	144.28	55.70	-5,638.07	-9,332.42	6,517.62	6,272.41	245.21	26.579		
9,800.00	7,214.06	7,245.06	7,245.06	115.85	145.34	50.68	-5,638.07	-9,332.42	6,448.01	6,200.34	247.67	26.034		
9,900.00	7,257.41	7,288.41	7,288.41	117.39	146.21	46.85	-5,638.07	-9,332.42	6,367.31	6,117.58	249.72	25.498		
10,000.00	7,290.24	7,321.24	7,321.24	118.87	146.87	43.85	-5,638.07	-9,332.42	6,277.78	6,026.49	251.28	24.983		
10,100.00	7,311.53	7,342.53	7,342.53	120.23	147.30	40.69	-5,638.07	-9,332.42	6,182.00	5,929.71	252.29	24.504		
10,200.00	7,320.66	7,351.66	7,351.66	121.43	147.48	16.77	-5,638.07	-9,332.42	6,082.78	5,830.09	252.69	24.072		
10,300.00	7,321.00	7,352.00	7,352.00	122.51	147.49	-90.00	-5,638.07	-9,332.42	5,982.80	5,730.14	252.66	23.679		
10,400.00	7,321.00	7,352.00	7,352.00	123.62	147.49	-90.00	-5,638.07	-9,332.42	5,882.82	5,630.21	252.61	23.288		
10,500.00	7,321.00	7,352.00	7,352.00	124.77	147.49	-90.00	-5,638.07	-9,332.42	5,782.84	5,530.29	252.56	22.897		
10,600.00	7,321.00	7,352.00	7,352.00	125.95	147.49	-90.00	-5,638.07	-9,332.42	5,682.87	5,430.36	252.50	22.506		
10,700.00	7,321.00	7,352.00	7,352.00	127.17	147.49	-90.00	-5,638.07	-9,332.42	5,582.89	5,330.44	252.45	22.115		
10,800.00	7,321.00	7,352.00	7,352.00	128.43	147.49	-90.00	-5,638.07	-9,332.42	5,482.91	5,230.52	252.39	21.724		
10,900.00	7,321.00	7,352.00	7,352.00	129.72	147.49	-90.00	-5,638.07	-9,332.42	5,382.94	5,130.61	252.33	21.333		
11,000.00	7,321.00	7,352.00	7,352.00	131.05	147.49	-90.00	-5,638.07	-9,332.42	5,282.96	5,030.69	252.27	20.942		
11,100.00	7,321.00	7,352.00	7,352.00	132.41	147.49	-90.00	-5,638.07	-9,332.42	5,182.99	4,930.79	252.20	20.551		
11,200.00	7,321.00	7,352.00	7,352.00	133.81	147.49	-90.00	-5,638.07	-9,332.42	5,083.01	4,830.88	252.13	20.160		
11,300.00	7,321.00	7,352.00	7,352.00	135.25	147.49	-90.00	-5,638.07	-9,332.42	4,983.04	4,730.98	252.06	19.769		
11,400.00	7,321.00	7,352.00	7,352.00	136.72	147.49	-90.00	-5,638.07	-9,332.42	4,883.07	4,631.09	251.99	19.378		
11,500.00	7,321.00	7,352.00	7,352.00	138.22	147.49	-90.00	-5,638.07	-9,332.42	4,783.10	4,531.19	251.91	18.987		
11,600.00	7,321.00	7,352.00	7,352.00	139.76	147.49	-90.00	-5,638.07	-9,332.42	4,683.13	4,431.31	251.83	18.597		
11,700.00	7,321.00	7,352.00	7,352.00	141.34	147.49	-90.00	-5,638.07	-9,332.42	4,583.17	4,331.42	251.74	18.206		
11,800.00	7,321.00	7,352.00	7,352.00	142.94	147.49	-90.00	-5,638.07	-9,332.42	4,483.20	4,231.55	251.65	17.815		
11,900.00	7,321.00	7,352.00	7,352.00	144.58	147.49	-90.00	-5,638.07	-9,332.42	4,383.24	4,131.68	251.56	17.424		
12,000.00	7,321.00	7,352.00	7,352.00	146.25	147.49	-90.00	-5,638.07	-9,332.42	4,283.28	4,031.81	251.46	17.034		
12,100.00	7,321.00	7,352.00	7,352.00	147.95	147.49	-90.00	-5,638.07	-9,332.42	4,183.31	3,931.96	251.36	16.643		
12,200.00	7,321.00	7,352.00	7,352.00	149.67	147.49	-90.00	-5,638.07	-9,332.42	4,083.36	3,832.11	251.25	16.252		
12,300.00	7,321.00	7,352.00	7,352.00	151.43	147.49	-90.00	-5,638.07	-9,332.42	3,983.40	3,732.26	251.14	15.862		
12,400.00	7,321.00	7,352.00	7,352.00	153.22	147.49	-90.00	-5,638.07	-9,332.42	3,883.45	3,632.43	251.02	15.471		
12,500.00	7,321.00	7,352.00	7,352.00	155.04	147.49	-90.00	-5,638.07	-9,332.42	3,783.49	3,532.61	250.89	15.080		
12,600.00	7,321.00	7,352.00	7,352.00	156.88	147.49	-90.00	-5,638.07	-9,332.42	3,683.55	3,432.79	250.75	14.690		
12,700.00	7,321.00	7,352.00	7,352.00	158.75	147.49	-90.00	-5,638.07	-9,332.42	3,583.60	3,332.99	250.61	14.299		
12,800.00	7,321.00	7,352.00	7,352.00	160.65	147.49	-90.00	-5,638.07	-9,332.42	3,483.66	3,233.20	250.46	13.909		
12,900.00	7,321.00	7,352.00	7,352.00	162.57	147.49	-90.00	-5,638.07	-9,332.42	3,383.72	3,133.42	250.30	13.519		
13,000.00	7,321.00	7,352.00	7,352.00	164.51	147.49	-90.00	-5,638.07	-9,332.42	3,283.78	3,033.65	250.13	13.128		
13,100.00	7,321.00	7,352.00	7,352.00	166.48	147.49	-90.00	-5,638.07	-9,332.42	3,183.85	2,933.90	249.95	12.738		
13,200.00	7,321.00	7,352.00	7,352.00	168.48	147.49	-90.00	-5,638.07	-9,332.42	3,083.92	2,834.17	249.75	12.348		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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				
13,300.00	7,321.00	7,352.00	7,352.00	170.49	147.49	-90.00	-5,638.07	-9,332.42	2,984.00	2,734.45	249.55	11.958				
13,400.00	7,321.00	7,352.00	7,352.00	172.52	147.49	-90.00	-5,638.07	-9,332.42	2,884.08	2,634.76	249.32	11.568				
13,500.00	7,321.00	7,352.00	7,352.00	174.58	147.49	-90.00	-5,638.07	-9,332.42	2,784.17	2,535.09	249.08	11.178				
13,600.00	7,321.00	7,352.00	7,352.00	176.66	147.49	-90.00	-5,638.07	-9,332.42	2,684.27	2,435.44	248.83	10.788				
13,700.00	7,321.00	7,352.00	7,352.00	178.75	147.49	-90.00	-5,638.07	-9,332.42	2,584.37	2,335.82	248.55	10.398				
13,800.00	7,321.00	7,352.00	7,352.00	180.87	147.49	-90.00	-5,638.07	-9,332.42	2,484.48	2,236.23	248.25	10.008				
13,900.00	7,321.00	7,352.00	7,352.00	183.00	147.49	-90.00	-5,638.07	-9,332.42	2,384.60	2,136.68	247.92	9.619				
14,000.00	7,321.00	7,352.00	7,352.00	185.15	147.49	-90.00	-5,638.07	-9,332.42	2,284.73	2,037.17	247.56	9.229				
14,100.00	7,321.00	7,352.00	7,352.00	187.32	147.49	-90.00	-5,638.07	-9,332.42	2,184.87	1,937.70	247.17	8.840				
14,200.00	7,321.00	7,352.00	7,352.00	189.50	147.49	-90.00	-5,638.07	-9,332.42	2,085.03	1,838.29	246.74	8.450				
14,300.00	7,321.00	7,352.00	7,352.00	191.70	147.49	-90.00	-5,638.07	-9,332.42	1,985.20	1,738.93	246.27	8.061				
14,400.00	7,321.00	7,352.00	7,352.00	193.92	147.49	-90.00	-5,638.07	-9,332.42	1,885.39	1,639.64	245.75	7.672				
14,500.00	7,321.00	7,352.00	7,352.00	196.15	147.49	-90.00	-5,638.07	-9,332.42	1,785.60	1,540.44	245.17	7.283				
14,600.00	7,321.00	7,352.00	7,352.00	198.39	147.49	-90.00	-5,638.07	-9,332.42	1,685.84	1,441.32	244.52	6.895				
14,700.00	7,321.00	7,352.00	7,352.00	200.65	147.49	-90.00	-5,638.07	-9,332.42	1,586.11	1,342.32	243.79	6.506				
14,800.00	7,321.00	7,352.00	7,352.00	202.92	147.49	-90.00	-5,638.07	-9,332.42	1,486.41	1,243.45	242.96	6.118				
14,900.00	7,321.00	7,352.00	7,352.00	205.20	147.49	-90.00	-5,638.07	-9,332.42	1,386.76	1,144.74	242.02	5.730				
15,000.00	7,321.00	7,352.00	7,352.00	207.50	147.49	-90.00	-5,638.07	-9,332.42	1,287.15	1,046.22	240.94	5.342				
15,100.00	7,321.00	7,352.00	7,352.00	209.80	147.49	-90.00	-5,638.07	-9,332.42	1,187.62	947.94	239.68	4.955				
15,200.00	7,321.00	7,352.00	7,352.00	212.12	147.49	-90.00	-5,638.07	-9,332.42	1,088.17	849.98	238.20	4.568				
15,300.00	7,321.00	7,352.00	7,352.00	214.45	147.49	-90.00	-5,638.07	-9,332.42	988.84	752.39	236.44	4.182				
15,400.00	7,321.00	7,352.00	7,352.00	216.79	147.49	-90.00	-5,638.07	-9,332.42	889.65	655.32	234.33	3.797				
15,500.00	7,321.00	7,352.00	7,352.00	219.15	147.49	-90.00	-5,638.07	-9,332.42	790.67	558.92	231.75	3.412				
15,600.00	7,321.00	7,352.00	7,352.00	221.51	147.49	-90.00	-5,638.07	-9,332.42	691.98	463.44	228.54	3.028				
15,700.00	7,321.00	7,352.00	7,352.00	223.88	147.49	-90.00	-5,638.07	-9,332.42	593.72	369.21	224.51	2.644				
15,800.00	7,321.00	7,352.00	7,352.00	226.26	147.49	-90.00	-5,638.07	-9,332.42	496.17	276.69	219.48	2.261				
15,900.00	7,321.00	7,352.00	7,352.00	228.65	147.49	-90.00	-5,638.07	-9,332.42	399.83	186.21	213.62	1.872				
16,000.00	7,321.00	7,352.00	7,352.00	231.04	147.49	-90.00	-5,638.07	-9,332.42	305.85	96.20	209.65	1.459	Level 3			
16,100.00	7,321.00	7,352.00	7,352.00	233.45	147.49	-90.00	-5,638.07	-9,332.42	217.30	-4.84	222.14	0.978	Level 1			
16,200.00	7,321.00	7,352.00	7,352.00	235.86	147.49	-90.00	-5,638.07	-9,332.42	144.56	-142.07	286.62	0.504	Level 1			
16,281.61	7,321.00	7,352.00	7,352.00	237.84	147.49	-90.00	-5,638.07	-9,332.42	119.31	-249.56	368.87	0.323	Level 1, CC			
16,300.00	7,321.00	7,352.00	7,352.00	238.28	147.49	-90.00	-5,638.07	-9,332.42	120.72	-258.97	379.69	0.318	Level 1, ES, SF			
16,400.00	7,321.00	7,352.00	7,352.00	240.71	147.49	-90.00	-5,638.07	-9,332.42	168.08	-202.60	370.68	0.453	Level 1			
16,500.00	7,321.00	7,352.00	7,352.00	243.15	147.49	-90.00	-5,638.07	-9,332.42	248.85	-90.06	338.91	0.734	Level 1			
16,600.00	7,321.00	7,352.00	7,352.00	245.59	147.49	-90.00	-5,638.07	-9,332.42	340.01	21.73	318.28	1.068	Level 2			
16,700.00	7,321.00	7,352.00	7,352.00	248.05	147.49	-90.00	-5,638.07	-9,332.42	435.07	129.73	305.33	1.425	Level 3			
16,800.00	7,321.00	7,352.00	7,352.00	250.50	147.49	-90.00	-5,638.07	-9,332.42	531.94	235.22	296.72	1.793				
16,900.00	7,321.00	7,352.00	7,352.00	252.97	147.49	-90.00	-5,638.07	-9,332.42	629.79	339.15	290.64	2.167				
17,000.00	7,321.00	7,352.00	7,352.00	255.44	147.49	-90.00	-5,638.07	-9,332.42	728.23	442.07	286.16	2.545				
17,100.00	7,321.00	7,352.00	7,352.00	257.91	147.49	-90.00	-5,638.07	-9,332.42	827.04	544.32	282.72	2.925				
17,200.00	7,321.00	7,352.00	7,352.00	260.39	147.49	-90.00	-5,638.07	-9,332.42	926.10	646.09	280.01	3.307				
17,300.00	7,321.00	7,352.00	7,352.00	262.88	147.49	-90.00	-5,638.07	-9,332.42	1,025.35	747.53	277.83	3.691				
17,400.00	7,321.00	7,352.00	7,352.00	265.37	147.49	-90.00	-5,638.07	-9,332.42	1,124.73	848.71	276.03	4.075				
17,500.00	7,321.00	7,352.00	7,352.00	267.87	147.49	-90.00	-5,638.07	-9,332.42	1,224.22	949.69	274.52	4.459				
17,600.00	7,321.00	7,352.00	7,352.00	270.37	147.49	-90.00	-5,638.07	-9,332.42	1,323.77	1,050.53	273.25	4.845				
17,700.00	7,321.00	7,352.00	7,352.00	272.88	147.49	-90.00	-5,638.07	-9,332.42	1,423.40	1,151.24	272.15	5.230				
17,800.00	7,321.00	7,352.00	7,352.00	275.40	147.49	-90.00	-5,638.07	-9,332.42	1,523.07	1,251.86	271.20	5.616				
17,900.00	7,321.00	7,352.00	7,352.00	277.91	147.49	-90.00	-5,638.07	-9,332.42	1,622.78	1,352.40	270.38	6.002				
18,000.00	7,321.00	7,352.00	7,352.00	280.43	147.49	-90.00	-5,638.07	-9,332.42	1,722.52	1,452.88	269.65	6.388				
18,100.00	7,321.00	7,352.00	7,352.00	282.97	147.49	-90.00	-5,638.07	-9,332.42	1,822.21	1,553.32	268.89	6.777				
18,200.00	7,321.00	7,352.00	7,352.00	285.53	147.49	-90.00	-5,638.07	-9,332.42	1,921.63	1,653.72	267.91	7.173				
18,300.00	7,321.00	7,352.00	7,352.00	288.11	147.49	-90.00	-5,638.07	-9,332.42	2,020.70	1,753.98	266.72	7.576				

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
18,400.00	7,321.00	7,352.00	7,352.00	290.70	147.49	-90.00	-5,638.07	-9,332.42	2,119.36	1,854.00	265.36	7.987	
18,500.00	7,321.00	7,352.00	7,352.00	293.30	147.49	-90.00	-5,638.07	-9,332.42	2,217.55	1,953.69	263.86	8.404	
18,600.00	7,321.00	7,352.00	7,352.00	295.90	147.49	-90.00	-5,638.07	-9,332.42	2,315.49	2,053.16	262.33	8.827	
18,700.00	7,321.00	7,352.00	7,352.00	298.50	147.49	-90.00	-5,638.07	-9,332.42	2,413.59	2,152.67	260.93	9.250	
18,800.00	7,321.00	7,352.00	7,352.00	301.11	147.49	-90.00	-5,638.07	-9,332.42	2,511.84	2,252.21	259.64	9.674	
18,900.00	7,321.00	7,352.00	7,352.00	303.72	147.49	-90.00	-5,638.07	-9,332.42	2,610.23	2,351.77	258.45	10.099	
19,000.00	7,321.00	7,352.00	7,352.00	306.32	147.49	-90.00	-5,638.07	-9,332.42	2,708.73	2,451.37	257.36	10.525	
19,100.00	7,321.00	7,352.00	7,352.00	308.93	147.49	-90.00	-5,638.07	-9,332.42	2,807.34	2,550.99	256.35	10.951	
19,200.00	7,321.00	7,352.00	7,352.00	311.54	147.49	-90.00	-5,638.07	-9,332.42	2,906.04	2,650.63	255.41	11.378	
19,300.00	7,321.00	7,352.00	7,352.00	314.16	147.49	-90.00	-5,638.07	-9,332.42	3,004.83	2,750.29	254.54	11.805	
19,400.00	7,321.00	7,352.00	7,352.00	316.77	147.49	-90.00	-5,638.07	-9,332.42	3,103.70	2,849.97	253.73	12.232	
19,500.00	7,321.00	7,352.00	7,352.00	319.38	147.49	-90.00	-5,638.07	-9,332.42	3,202.64	2,949.66	252.98	12.660	
19,600.00	7,321.00	7,352.00	7,352.00	322.00	147.49	-90.00	-5,638.07	-9,332.42	3,301.64	3,049.37	252.27	13.088	
19,700.00	7,321.00	7,352.00	7,352.00	324.61	147.49	-90.00	-5,638.07	-9,332.42	3,400.70	3,149.09	251.61	13.516	
19,800.00	7,321.00	7,352.00	7,352.00	327.23	147.49	-90.00	-5,638.07	-9,332.42	3,499.93	3,248.89	251.04	13.942	
19,900.00	7,321.00	7,352.00	7,352.00	329.85	147.49	-90.00	-5,638.07	-9,332.42	3,599.55	3,348.89	250.66	14.360	
20,000.00	7,321.00	7,352.00	7,352.00	332.46	147.49	-90.00	-5,638.07	-9,332.42	3,699.43	3,448.96	250.47	14.770	
20,100.00	7,321.00	7,352.00	7,352.00	335.06	147.49	90.00	-5,638.07	-9,332.42	3,799.41	3,548.97	250.44	15.171	
20,200.00	7,321.00	7,352.00	7,352.00	337.65	147.49	90.00	-5,638.07	-9,332.42	3,899.38	3,648.82	250.56	15.563	
20,300.00	7,321.00	7,352.00	7,352.00	340.22	147.49	90.00	-5,638.07	-9,332.42	3,999.26	3,748.46	250.80	15.946	
20,400.00	7,321.00	7,352.00	7,352.00	342.79	147.49	90.00	-5,638.07	-9,332.42	4,099.13	3,848.09	251.05	16.328	
20,500.00	7,321.00	7,352.00	7,352.00	345.37	147.49	90.00	-5,638.07	-9,332.42	4,199.01	3,947.73	251.28	16.710	
20,600.00	7,321.00	7,352.00	7,352.00	347.95	147.49	90.00	-5,638.07	-9,332.42	4,298.90	4,047.39	251.51	17.092	
20,700.00	7,321.00	7,352.00	7,352.00	350.53	147.49	90.00	-5,638.07	-9,332.42	4,398.78	4,147.06	251.73	17.474	
20,800.00	7,321.00	7,352.00	7,352.00	353.11	147.49	90.00	-5,638.07	-9,332.42	4,498.68	4,246.74	251.94	17.856	
20,900.00	7,321.00	7,352.00	7,352.00	355.70	147.49	90.00	-5,638.07	-9,332.42	4,598.58	4,346.44	252.14	18.238	
20,976.29	7,321.00	7,352.00	7,352.00	357.67	147.49	90.00	-5,638.07	-9,332.42	4,674.79	4,422.50	252.29	18.529	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
2,100.00	2,001.97	1,973.97	1,973.97	11.19	6.88	25.66	-6,961.04	-7,795.28	9,994.38	9,979.24	15.14	660.289		
2,200.00	2,083.88	2,055.88	2,055.88	12.20	7.17	26.36	-6,961.04	-7,795.28	9,941.12	9,925.17	15.95	623.391		
2,300.00	2,163.74	2,135.74	2,135.74	13.25	7.46	27.11	-6,961.04	-7,795.28	9,885.29	9,868.52	16.76	589.641		
2,400.00	2,241.45	2,213.45	2,213.45	14.35	7.74	27.94	-6,961.04	-7,795.28	9,826.96	9,809.37	17.59	558.658		
2,500.00	2,316.92	2,288.92	2,288.92	15.51	8.01	28.84	-6,961.04	-7,795.28	9,766.21	9,747.79	18.42	530.117		
2,600.00	2,390.05	2,362.05	2,362.05	16.71	8.27	29.82	-6,961.04	-7,795.28	9,703.13	9,683.86	19.26	503.746		
2,700.00	2,460.76	2,432.76	2,432.76	17.96	8.52	30.89	-6,961.04	-7,795.28	9,637.79	9,617.69	20.11	479.309		
2,800.00	2,528.98	2,500.98	2,500.98	19.26	8.77	31.92	-6,961.04	-7,795.28	9,570.32	9,549.36	20.96	456.559		
2,900.00	2,596.24	2,568.24	2,568.24	20.59	9.01	32.14	-6,961.04	-7,795.28	9,502.12	9,480.30	21.82	435.504		
3,000.00	2,663.50	2,635.50	2,635.50	21.92	9.25	32.36	-6,961.04	-7,795.28	9,434.00	9,411.31	22.69	415.790		
3,100.00	2,730.76	2,702.76	2,702.76	23.25	9.49	32.58	-6,961.04	-7,795.28	9,365.97	9,342.39	23.57	397.317		
3,200.00	2,798.02	2,770.02	2,770.02	24.60	9.73	32.81	-6,961.04	-7,795.28	9,298.03	9,273.56	24.47	379.989		
3,300.00	2,865.28	2,837.28	2,837.28	25.94	9.97	33.03	-6,961.04	-7,795.28	9,230.18	9,204.80	25.38	363.720		
3,400.00	2,932.54	2,904.54	2,904.54	27.30	10.21	33.26	-6,961.04	-7,795.28	9,162.43	9,136.13	26.30	348.426		
3,500.00	2,999.80	2,971.80	2,971.80	28.65	10.46	33.50	-6,961.04	-7,795.28	9,094.78	9,067.55	27.23	334.033		
3,600.00	3,067.06	3,039.06	3,039.06	30.01	10.70	33.73	-6,961.04	-7,795.28	9,027.22	8,999.05	28.17	320.471		
3,700.00	3,134.32	3,106.32	3,106.32	31.37	10.94	33.97	-6,961.04	-7,795.28	8,959.77	8,930.65	29.12	307.677		
3,800.00	3,201.59	3,173.59	3,173.59	32.73	11.18	34.22	-6,961.04	-7,795.28	8,892.42	8,862.34	30.08	295.594		
3,900.00	3,268.85	3,240.85	3,240.85	34.09	11.42	34.46	-6,961.04	-7,795.28	8,825.18	8,794.12	31.06	284.169		
4,000.00	3,336.11	3,308.11	3,308.11	35.46	11.66	34.71	-6,961.04	-7,795.28	8,758.05	8,726.01	32.04	273.353		
4,100.00	3,403.37	3,375.37	3,375.37	36.83	11.90	34.96	-6,961.04	-7,795.28	8,691.03	8,657.99	33.03	263.103		
4,200.00	3,470.63	3,442.63	3,442.63	38.20	12.14	35.22	-6,961.04	-7,795.28	8,624.12	8,590.08	34.04	253.378		
4,300.00	3,537.89	3,509.89	3,509.89	39.57	12.38	35.47	-6,961.04	-7,795.28	8,557.33	8,522.28	35.05	244.142		
4,400.00	3,605.15	3,577.15	3,577.15	40.94	12.63	35.73	-6,961.04	-7,795.28	8,490.66	8,454.58	36.07	235.361		
4,500.00	3,672.41	3,644.41	3,644.41	42.31	12.87	36.00	-6,961.04	-7,795.28	8,424.11	8,387.00	37.11	227.005		
4,600.00	3,739.67	3,711.67	3,711.67	43.68	13.11	36.27	-6,961.04	-7,795.28	8,357.69	8,319.53	38.16	219.045		
4,700.00	3,806.93	3,778.93	3,778.93	45.06	13.35	36.54	-6,961.04	-7,795.28	8,291.39	8,252.18	39.21	211.456		
4,800.00	3,874.19	3,846.19	3,846.19	46.43	13.59	36.81	-6,961.04	-7,795.28	8,225.23	8,184.95	40.28	204.214		
4,900.00	3,941.46	3,913.46	3,913.46	47.81	13.83	37.09	-6,961.04	-7,795.28	8,159.20	8,117.85	41.35	197.297		
5,000.00	4,008.72	3,980.72	3,980.72	49.18	14.07	37.38	-6,961.04	-7,795.28	8,093.31	8,050.87	42.44	190.684		
5,100.00	4,075.98	4,047.98	4,047.98	50.56	14.31	37.66	-6,961.04	-7,795.28	8,027.56	7,984.02	43.54	184.359		
5,200.00	4,143.24	4,115.24	4,115.24	51.94	14.55	37.95	-6,961.04	-7,795.28	7,961.96	7,917.30	44.65	178.303		
5,300.00	4,210.50	4,182.50	4,182.50	53.31	14.80	38.24	-6,961.04	-7,795.28	7,896.50	7,850.72	45.78	172.500		
5,400.00	4,277.76	4,249.76	4,249.76	54.69	15.04	38.54	-6,961.04	-7,795.28	7,831.20	7,784.29	46.91	166.937		
5,500.00	4,345.02	4,317.02	4,317.02	56.07	15.28	38.84	-6,961.04	-7,795.28	7,766.05	7,717.99	48.06	161.600		
5,600.00	4,412.28	4,384.28	4,384.28	57.45	15.52	39.15	-6,961.04	-7,795.28	7,701.06	7,651.85	49.22	156.476		
5,700.00	4,479.54	4,451.54	4,451.54	58.83	15.76	39.46	-6,961.04	-7,795.28	7,636.24	7,585.85	50.39	151.553		
5,800.00	4,546.80	4,518.80	4,518.80	60.21	16.00	39.77	-6,961.04	-7,795.28	7,571.58	7,520.01	51.57	146.821		
5,900.00	4,614.07	4,586.07	4,586.07	61.59	16.24	40.09	-6,961.04	-7,795.28	7,507.10	7,454.33	52.77	142.270		
6,000.00	4,681.33	4,653.33	4,653.33	62.97	16.48	40.41	-6,961.04	-7,795.28	7,442.79	7,388.82	53.98	137.891		
6,100.00	4,748.59	4,720.59	4,720.59	64.35	16.72	40.74	-6,961.04	-7,795.28	7,378.67	7,323.47	55.20	133.674		
6,200.00	4,815.85	4,787.85	4,787.85	65.73	16.97	41.07	-6,961.04	-7,795.28	7,314.73	7,258.29	56.44	129.612		
6,300.00	4,883.11	4,855.11	4,855.11	67.11	17.21	41.40	-6,961.04	-7,795.28	7,250.98	7,193.30	57.69	125.697		
6,400.00	4,950.37	4,922.37	4,922.37	68.49	17.45	41.74	-6,961.04	-7,795.28	7,187.43	7,128.48	58.95	121.922		
6,500.00	5,017.63	4,989.63	4,989.63	69.87	17.69	42.09	-6,961.04	-7,795.28	7,124.09	7,063.86	60.23	118.280		
6,600.00	5,084.89	5,056.89	5,056.89	71.25	17.93	42.43	-6,961.04	-7,795.28	7,060.95	6,999.42	61.53	114.765		
6,700.00	5,152.15	5,124.15	5,124.15	72.63	18.17	42.79	-6,961.04	-7,795.28	6,998.02	6,935.18	62.83	111.372		
6,800.00	5,219.41	5,191.41	5,191.41	74.02	18.41	43.15	-6,961.04	-7,795.28	6,935.31	6,871.15	64.16	108.095		
6,900.00	5,286.67	5,258.67	5,258.67	75.40	18.65	43.51	-6,961.04	-7,795.28	6,872.82	6,807.32	65.50	104.928		
7,000.00	5,353.94	5,325.94	5,325.94	76.78	18.89	43.88	-6,961.04	-7,795.28	6,810.57	6,743.71	66.86	101.867		
7,100.00	5,421.20	5,393.20	5,393.20	78.16	19.14	44.25	-6,961.04	-7,795.28	6,748.55	6,680.32	68.23	98.908		
7,200.00	5,488.46	5,460.46	5,460.46	79.55	19.38	44.63	-6,961.04	-7,795.28	6,686.78	6,617.16	69.62	96.045		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
7,300.00	5,555.72	5,527.72	5,527.72	80.93	19.62	45.01	-6,961.04	-7,795.28	6,625.26	6,554.23	71.03	93.276		
7,400.00	5,622.98	5,594.98	5,594.98	82.31	19.86	45.40	-6,961.04	-7,795.28	6,563.99	6,491.54	72.45	90.596		
7,500.00	5,690.24	5,662.24	5,662.24	83.69	20.10	45.79	-6,961.04	-7,795.28	6,502.99	6,429.09	73.90	88.002		
7,600.00	5,757.50	5,729.50	5,729.50	85.08	20.34	46.19	-6,961.04	-7,795.28	6,442.26	6,366.90	75.36	85.490		
7,700.00	5,824.76	5,796.76	5,796.76	86.46	20.58	46.60	-6,961.04	-7,795.28	6,381.81	6,304.98	76.84	83.057		
7,800.00	5,892.02	5,864.02	5,864.02	87.84	20.82	47.01	-6,961.04	-7,795.28	6,321.65	6,243.32	78.34	80.700		
7,900.00	5,959.28	5,931.28	5,931.28	89.23	21.06	47.42	-6,961.04	-7,795.28	6,261.79	6,181.94	79.85	78.416		
8,000.00	6,026.55	5,998.55	5,998.55	90.61	21.31	47.84	-6,961.04	-7,795.28	6,202.23	6,120.84	81.39	76.203		
8,100.00	6,093.81	6,065.81	6,065.81	91.99	21.55	48.27	-6,961.04	-7,795.28	6,142.99	6,060.04	82.95	74.058		
8,200.00	6,161.07	6,133.07	6,133.07	93.38	21.79	48.70	-6,961.04	-7,795.28	6,084.07	5,999.54	84.53	71.978		
8,300.00	6,228.33	6,200.33	6,200.33	94.76	22.03	49.14	-6,961.04	-7,795.28	6,025.48	5,939.36	86.13	69.962		
8,400.00	6,295.59	6,267.59	6,267.59	96.14	22.27	49.58	-6,961.04	-7,795.28	5,967.24	5,879.49	87.75	68.006		
8,500.00	6,362.85	6,334.85	6,334.85	97.53	22.51	50.03	-6,961.04	-7,795.28	5,909.34	5,819.96	89.39	66.110		
8,600.00	6,430.11	6,402.11	6,402.11	98.91	22.75	50.49	-6,961.04	-7,795.28	5,851.81	5,760.76	91.05	64.271		
8,700.00	6,497.37	6,469.37	6,469.37	100.29	22.99	50.95	-6,961.04	-7,795.28	5,794.66	5,701.92	92.74	62.486		
8,800.00	6,564.63	6,536.63	6,536.63	101.68	23.23	51.42	-6,961.04	-7,795.28	5,737.89	5,643.44	94.44	60.755		
8,900.00	6,631.89	6,603.89	6,603.89	103.06	23.48	51.89	-6,961.04	-7,795.28	5,681.51	5,585.34	96.17	59.076		
9,000.00	6,699.15	6,671.15	6,671.15	104.45	23.72	52.37	-6,961.04	-7,795.28	5,625.55	5,527.62	97.93	57.446		
9,100.00	6,766.42	6,738.42	6,738.42	105.83	23.96	52.86	-6,961.04	-7,795.28	5,570.00	5,470.30	99.70	55.865		
9,200.00	6,833.68	6,805.68	6,805.68	107.22	24.20	53.35	-6,961.04	-7,795.28	5,514.89	5,413.38	101.51	54.331		
9,300.00	6,900.94	6,872.94	6,872.94	108.60	24.44	53.85	-6,961.04	-7,795.28	5,460.22	5,356.89	103.33	52.842		
9,400.00	6,968.20	6,940.20	6,940.20	109.98	24.68	54.36	-6,961.04	-7,795.28	5,406.02	5,300.84	105.18	51.398		
9,500.00	7,035.46	7,007.46	7,007.46	111.37	24.92	54.87	-6,961.04	-7,795.28	5,352.29	5,245.24	107.05	49.996		
9,600.00	7,101.31	7,073.31	7,073.31	112.79	25.16	55.38	-6,961.04	-7,795.28	5,298.98	5,188.10	108.88	48.631		
9,700.00	7,167.16	7,139.16	7,139.16	114.30	25.37	55.89	-6,961.04	-7,795.28	5,245.55	5,135.10	110.45	47.312		
9,800.00	7,234.06	7,206.06	7,206.06	115.85	25.56	56.40	-6,961.04	-7,795.28	5,192.50	5,082.82	111.68	46.075		
9,900.00	7,299.41	7,271.41	7,271.41	117.39	25.72	56.91	-6,961.04	-7,795.28	5,139.57	5,029.88	112.50	44.953		
10,000.00	7,364.24	7,336.24	7,336.24	118.97	25.84	57.42	-6,961.04	-7,795.28	5,086.84	4,976.99	112.85	43.976		
10,100.00	7,429.53	7,401.53	7,401.53	120.60	25.91	57.93	-6,961.04	-7,795.28	5,034.34	4,924.93	112.71	43.170		
10,200.00	7,494.86	7,466.86	7,466.86	122.28	25.94	58.44	-6,961.04	-7,795.28	4,981.99	4,872.44	112.05	42.558		
10,300.00	7,560.20	7,532.20	7,532.20	123.99	25.95	58.95	-6,961.04	-7,795.28	4,929.69	4,820.16	111.02	42.095		
10,400.00	7,625.59	7,597.59	7,597.59	125.74	25.95	59.46	-6,961.04	-7,795.28	4,877.44	4,767.23	109.93	41.645		
10,500.00	7,691.00	7,663.00	7,663.00	127.53	25.95	59.97	-6,961.04	-7,795.28	4,825.24	4,715.56	108.81	41.202		
10,600.00	7,756.44	7,728.44	7,728.44	129.36	25.95	60.48	-6,961.04	-7,795.28	4,773.09	4,662.96	107.65	40.768		
10,700.00	7,821.91	7,793.91	7,793.91	131.23	25.95	60.99	-6,961.04	-7,795.28	4,720.99	4,609.60	106.45	40.343		
10,800.00	7,887.40	7,859.40	7,859.40	133.14	25.95	61.50	-6,961.04	-7,795.28	4,668.94	4,557.24	105.20	39.927		
10,900.00	7,952.91	7,924.91	7,924.91	135.09	25.95	62.01	-6,961.04	-7,795.28	4,616.94	4,504.96	103.91	39.520		
11,000.00	8,018.44	7,990.44	7,990.44	137.08	25.95	62.52	-6,961.04	-7,795.28	4,564.99	4,452.69	102.58	39.123		
11,100.00	8,083.99	8,055.99	8,055.99	139.11	25.95	63.03	-6,961.04	-7,795.28	4,513.09	4,400.39	101.20	38.737		
11,200.00	8,149.56	8,121.56	8,121.56	141.18	25.95	63.54	-6,961.04	-7,795.28	4,461.14	4,348.04	99.77	38.361		
11,300.00	8,215.15	8,187.15	8,187.15	143.29	25.95	64.05	-6,961.04	-7,795.28	4,409.24	4,295.74	98.29	37.996		
11,400.00	8,280.76	8,252.76	8,252.76	145.44	25.95	64.56	-6,961.04	-7,795.28	4,357.39	4,243.39	96.78	37.641		
11,500.00	8,346.39	8,318.39	8,318.39	147.63	25.95	65.07	-6,961.04	-7,795.28	4,305.49	4,191.09	95.22	37.296		
11,600.00	8,412.04	8,384.04	8,384.04	149.86	25.95	65.58	-6,961.04	-7,795.28	4,253.64	4,138.74	93.62	36.959		
11,700.00	8,477.71	8,449.71	8,449.71	152.13	25.95	66.09	-6,961.04	-7,795.28	4,201.74	4,086.34	91.99	36.630		
11,800.00	8,543.40	8,515.40	8,515.40	154.44	25.95	66.60	-6,961.04	-7,795.28	4,149.79	4,033.99	90.33	36.304		
11,900.00	8,609.11	8,581.11	8,581.11	156.79	25.95	67.11	-6,961.04	-7,795.28	4,097.79	3,981.59	88.66	35.979		
12,000.00	8,674.84	8,646.84	8,646.84	159.18	25.95	67.62	-6,961.04	-7,795.28	4,045.74	3,929.14	86.99	35.648		
12,100.00	8,740.59	8,712.59	8,712.59	161.61	25.95	68.13	-6,961.04	-7,795.28	3,993.64	3,876.64	85.34	35.303		
12,200.00	8,806.36	8,778.36	8,778.36	164.08	25.95	68.64	-6,961.04	-7,795.28	3,941.49	3,824.19	83.74	34.933		
12,300.00	8,872.15	8,844.15	8,844.15	166.59	25.95	69.15	-6,961.04	-7,795.28	3,889.29	3,771.79	82.23	34.523		
12,400.00	8,937.96	8,909.96	8,909.96	169.14	25.95	69.66	-6,961.04	-7,795.28	3,837.04	3,719.34	80.85	34.053		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
12,500.00	7,321.00	7,293.00	7,293.00	155.04	25.95	-90.00	-6,961.04	-7,795.28	2,668.54	2,588.88	79.66	33.499		
12,600.00	7,321.00	7,293.00	7,293.00	156.88	25.95	-90.00	-6,961.04	-7,795.28	2,584.98	2,506.25	78.73	32.834		
12,700.00	7,321.00	7,293.00	7,293.00	158.75	25.95	-90.00	-6,961.04	-7,795.28	2,502.63	2,424.48	78.14	32.026		
12,800.00	7,321.00	7,293.00	7,293.00	160.65	25.95	-90.00	-6,961.04	-7,795.28	2,421.60	2,343.60	78.00	31.047		
12,900.00	7,321.00	7,293.00	7,293.00	162.57	25.95	-90.00	-6,961.04	-7,795.28	2,342.05	2,263.65	78.40	29.874		
13,000.00	7,321.00	7,293.00	7,293.00	164.51	25.95	-90.00	-6,961.04	-7,795.28	2,264.11	2,184.68	79.44	28.502		
13,100.00	7,321.00	7,293.00	7,293.00	166.48	25.95	-90.00	-6,961.04	-7,795.28	2,187.97	2,106.76	81.21	26.941		
13,200.00	7,321.00	7,293.00	7,293.00	168.48	25.95	-90.00	-6,961.04	-7,795.28	2,113.82	2,030.03	83.80	25.226		
13,300.00	7,321.00	7,293.00	7,293.00	170.49	25.95	-90.00	-6,961.04	-7,795.28	2,041.88	1,954.64	87.24	23.406		
13,400.00	7,321.00	7,293.00	7,293.00	172.52	25.95	-90.00	-6,961.04	-7,795.28	1,972.38	1,880.82	91.56	21.542		
13,500.00	7,321.00	7,293.00	7,293.00	174.58	25.95	-90.00	-6,961.04	-7,795.28	1,905.60	1,808.84	96.76	19.693		
13,600.00	7,321.00	7,293.00	7,293.00	176.66	25.95	-90.00	-6,961.04	-7,795.28	1,841.83	1,739.00	102.83	17.911		
13,700.00	7,321.00	7,293.00	7,293.00	178.75	25.95	-90.00	-6,961.04	-7,795.28	1,781.39	1,671.67	109.72	16.236		
13,800.00	7,321.00	7,293.00	7,293.00	180.87	25.95	-90.00	-6,961.04	-7,795.28	1,724.64	1,607.26	117.38	14.692		
13,900.00	7,321.00	7,293.00	7,293.00	183.00	25.95	-90.00	-6,961.04	-7,795.28	1,671.95	1,546.20	125.75	13.296		
14,000.00	7,321.00	7,293.00	7,293.00	185.15	25.95	-90.00	-6,961.04	-7,795.28	1,623.71	1,488.98	134.73	12.052		
14,100.00	7,321.00	7,293.00	7,293.00	187.32	25.95	-90.00	-6,961.04	-7,795.28	1,580.33	1,436.13	144.21	10.959		
14,200.00	7,321.00	7,293.00	7,293.00	189.50	25.95	-90.00	-6,961.04	-7,795.28	1,542.23	1,388.17	154.06	10.010		
14,300.00	7,321.00	7,293.00	7,293.00	191.70	25.95	-90.00	-6,961.04	-7,795.28	1,509.80	1,345.67	164.13	9.199		
14,400.00	7,321.00	7,293.00	7,293.00	193.92	25.95	-90.00	-6,961.04	-7,795.28	1,483.42	1,309.17	174.25	8.513		
14,500.00	7,321.00	7,293.00	7,293.00	196.15	25.95	-90.00	-6,961.04	-7,795.28	1,463.40	1,279.18	184.22	7.944		
14,600.00	7,321.00	7,293.00	7,293.00	198.39	25.95	-90.00	-6,961.04	-7,795.28	1,450.02	1,256.17	193.85	7.480		
14,700.00	7,321.00	7,293.00	7,293.00	200.65	25.95	-90.00	-6,961.04	-7,795.28	1,443.46	1,240.51	202.95	7.112		
14,744.00	7,321.00	7,293.00	7,293.00	201.65	25.95	-90.00	-6,961.04	-7,795.28	1,442.77	1,236.02	206.75	6.978	CC	
14,800.00	7,321.00	7,293.00	7,293.00	202.92	25.95	-90.00	-6,961.04	-7,795.28	1,443.82	1,232.45	211.37	6.831		
14,900.00	7,321.00	7,293.00	7,293.00	205.20	25.95	-90.00	-6,961.04	-7,795.28	1,451.08	1,232.13	218.95	6.627	ES	
15,000.00	7,321.00	7,293.00	7,293.00	207.50	25.95	-90.00	-6,961.04	-7,795.28	1,465.15	1,239.53	225.62	6.494		
15,100.00	7,321.00	7,293.00	7,293.00	209.80	25.95	-90.00	-6,961.04	-7,795.28	1,485.83	1,254.51	231.32	6.423		
15,200.00	7,321.00	7,293.00	7,293.00	212.12	25.95	-90.00	-6,961.04	-7,795.28	1,512.85	1,276.80	236.04	6.409	SF	
15,300.00	7,321.00	7,293.00	7,293.00	214.45	25.95	-90.00	-6,961.04	-7,795.28	1,545.87	1,306.05	239.83	6.446		
15,400.00	7,321.00	7,293.00	7,293.00	216.79	25.95	-90.00	-6,961.04	-7,795.28	1,584.53	1,341.81	242.73	6.528		
15,500.00	7,321.00	7,293.00	7,293.00	219.15	25.95	-90.00	-6,961.04	-7,795.28	1,628.43	1,383.60	244.83	6.651		
15,600.00	7,321.00	7,293.00	7,293.00	221.51	25.95	-90.00	-6,961.04	-7,795.28	1,677.14	1,430.91	246.22	6.811		
15,700.00	7,321.00	7,293.00	7,293.00	223.88	25.95	-90.00	-6,961.04	-7,795.28	1,730.26	1,483.26	247.01	7.005		
15,800.00	7,321.00	7,293.00	7,293.00	226.26	25.95	-90.00	-6,961.04	-7,795.28	1,787.41	1,540.13	247.28	7.228		
15,900.00	7,321.00	7,293.00	7,293.00	228.65	25.95	-90.00	-6,961.04	-7,795.28	1,848.20	1,601.09	247.12	7.479		
16,000.00	7,321.00	7,293.00	7,293.00	231.04	25.95	-90.00	-6,961.04	-7,795.28	1,912.30	1,665.69	246.61	7.754		
16,100.00	7,321.00	7,293.00	7,293.00	233.45	25.95	-90.00	-6,961.04	-7,795.28	1,979.37	1,733.55	245.82	8.052		
16,200.00	7,321.00	7,293.00	7,293.00	235.86	25.95	-90.00	-6,961.04	-7,795.28	2,049.13	1,804.31	244.82	8.370		
16,300.00	7,321.00	7,293.00	7,293.00	238.28	25.95	-90.00	-6,961.04	-7,795.28	2,121.31	1,877.66	243.65	8.706		
16,400.00	7,321.00	7,293.00	7,293.00	240.71	25.95	-90.00	-6,961.04	-7,795.28	2,195.67	1,953.32	242.35	9.060		
16,500.00	7,321.00	7,293.00	7,293.00	243.15	25.95	-90.00	-6,961.04	-7,795.28	2,272.00	2,031.03	240.97	9.429		
16,600.00	7,321.00	7,293.00	7,293.00	245.59	25.95	-90.00	-6,961.04	-7,795.28	2,350.11	2,110.58	239.53	9.811		
16,700.00	7,321.00	7,293.00	7,293.00	248.05	25.95	-90.00	-6,961.04	-7,795.28	2,429.82	2,191.77	238.05	10.207		
16,800.00	7,321.00	7,293.00	7,293.00	250.50	25.95	-90.00	-6,961.04	-7,795.28	2,510.99	2,274.44	236.55	10.615		
16,900.00	7,321.00	7,293.00	7,293.00	252.97	25.95	-90.00	-6,961.04	-7,795.28	2,593.47	2,358.42	235.05	11.034		
17,000.00	7,321.00	7,293.00	7,293.00	255.44	25.95	-90.00	-6,961.04	-7,795.28	2,677.15	2,443.59	233.55	11.463		
17,100.00	7,321.00	7,293.00	7,293.00	257.91	25.95	-90.00	-6,961.04	-7,795.28	2,761.91	2,529.83	232.08	11.901		
17,200.00	7,321.00	7,293.00	7,293.00	260.39	25.95	-90.00	-6,961.04	-7,795.28	2,847.66	2,617.03	230.62	12.348		
17,300.00	7,321.00	7,293.00	7,293.00	262.88	25.95	-90.00	-6,961.04	-7,795.28	2,934.31	2,705.11	229.20	12.802		
17,400.00	7,321.00	7,293.00	7,293.00	265.37	25.95	-90.00	-6,961.04	-7,795.28	3,021.79	2,793.98	227.81	13.265		
17,500.00	7,321.00	7,293.00	7,293.00	267.87	25.95	-90.00	-6,961.04	-7,795.28	3,110.02	2,883.57	226.45	13.734		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
17,600.00	7,321.00	7,293.00	7,293.00	270.37	25.95	-90.00	-6,961.04	-7,795.28	3,198.94	2,973.82	225.13	14.210		
17,700.00	7,321.00	7,293.00	7,293.00	272.88	25.95	-90.00	-6,961.04	-7,795.28	3,288.51	3,064.66	223.84	14.691		
17,800.00	7,321.00	7,293.00	7,293.00	275.40	25.95	-90.00	-6,961.04	-7,795.28	3,378.65	3,156.05	222.60	15.178		
17,900.00	7,321.00	7,293.00	7,293.00	277.91	25.95	-90.00	-6,961.04	-7,795.28	3,469.34	3,247.95	221.39	15.671		
18,000.00	7,321.00	7,293.00	7,293.00	280.43	25.95	-90.00	-6,961.04	-7,795.28	3,560.52	3,340.30	220.22	16.168		
18,100.00	7,321.00	7,293.00	7,293.00	282.97	25.95	-90.00	-6,961.04	-7,795.28	3,651.72	3,432.66	219.06	16.670		
18,200.00	7,321.00	7,293.00	7,293.00	285.53	25.95	-90.00	-6,961.04	-7,795.28	3,741.95	3,524.10	217.85	17.177		
18,300.00	7,321.00	7,293.00	7,293.00	288.11	25.95	-90.00	-6,961.04	-7,795.28	3,831.17	3,614.58	216.58	17.689		
18,400.00	7,321.00	7,293.00	7,293.00	290.70	25.95	-90.00	-6,961.04	-7,795.28	3,919.32	3,704.06	215.27	18.207		
18,500.00	7,321.00	7,293.00	7,293.00	293.30	25.95	-90.00	-6,961.04	-7,795.28	4,006.39	3,792.50	213.90	18.731		
18,600.00	7,321.00	7,293.00	7,293.00	295.90	25.95	-90.00	-6,961.04	-7,795.28	4,093.00	3,880.49	212.51	19.261		
18,700.00	7,321.00	7,293.00	7,293.00	298.50	25.95	-90.00	-6,961.04	-7,795.28	4,180.18	3,969.02	211.15	19.797		
18,800.00	7,321.00	7,293.00	7,293.00	301.11	25.95	-90.00	-6,961.04	-7,795.28	4,267.92	4,058.09	209.84	20.339		
18,900.00	7,321.00	7,293.00	7,293.00	303.72	25.95	-90.00	-6,961.04	-7,795.28	4,356.20	4,147.64	208.55	20.888		
19,000.00	7,321.00	7,293.00	7,293.00	306.32	25.95	-90.00	-6,961.04	-7,795.28	4,444.97	4,237.66	207.30	21.442		
19,100.00	7,321.00	7,293.00	7,293.00	308.93	25.95	-90.00	-6,961.04	-7,795.28	4,534.20	4,328.11	206.09	22.001		
19,200.00	7,321.00	7,293.00	7,293.00	311.54	25.95	-90.00	-6,961.04	-7,795.28	4,623.88	4,418.97	204.91	22.565		
19,300.00	7,321.00	7,293.00	7,293.00	314.16	25.95	-90.00	-6,961.04	-7,795.28	4,713.97	4,510.21	203.76	23.135		
19,400.00	7,321.00	7,293.00	7,293.00	316.77	25.95	-90.00	-6,961.04	-7,795.28	4,804.46	4,601.81	202.65	23.708		
19,500.00	7,321.00	7,293.00	7,293.00	319.38	25.95	-90.00	-6,961.04	-7,795.28	4,895.32	4,693.75	201.56	24.287		
19,600.00	7,321.00	7,293.00	7,293.00	322.00	25.95	-90.00	-6,961.04	-7,795.28	4,986.52	4,786.01	200.51	24.869		
19,700.00	7,321.00	7,293.00	7,293.00	324.61	25.95	-90.00	-6,961.04	-7,795.28	5,078.06	4,878.57	199.49	25.456		
19,800.00	7,321.00	7,293.00	7,293.00	327.23	25.95	-90.00	-6,961.04	-7,795.28	5,170.29	4,971.78	198.52	26.045		
19,900.00	7,321.00	7,293.00	7,293.00	329.85	25.95	-90.00	-6,961.04	-7,795.28	5,264.03	5,066.38	197.65	26.633		
20,000.00	7,321.00	7,293.00	7,293.00	332.46	25.95	-90.00	-6,961.04	-7,795.28	5,359.12	5,162.22	196.90	27.218		
20,100.00	7,321.00	7,293.00	7,293.00	335.06	25.95	-90.00	-6,961.04	-7,795.28	5,455.38	5,259.13	196.25	27.798		
20,200.00	7,321.00	7,293.00	7,293.00	337.65	25.95	-90.00	-6,961.04	-7,795.28	5,552.64	5,356.94	195.70	28.373		
20,300.00	7,321.00	7,293.00	7,293.00	340.22	25.95	-90.00	-6,961.04	-7,795.28	5,650.61	5,455.37	195.24	28.942		
20,400.00	7,321.00	7,293.00	7,293.00	342.79	25.95	-90.00	-6,961.04	-7,795.28	5,748.71	5,553.91	194.80	29.511		
20,500.00	7,321.00	7,293.00	7,293.00	345.37	25.95	-90.00	-6,961.04	-7,795.28	5,846.87	5,652.50	194.37	30.081		
20,600.00	7,321.00	7,293.00	7,293.00	347.95	25.95	-90.00	-6,961.04	-7,795.28	5,945.10	5,751.14	193.96	30.652		
20,700.00	7,321.00	7,293.00	7,293.00	350.53	25.95	-90.00	-6,961.04	-7,795.28	6,043.38	5,849.82	193.56	31.223		
20,800.00	7,321.00	7,293.00	7,293.00	353.11	25.95	-90.00	-6,961.04	-7,795.28	6,141.72	5,948.55	193.17	31.795		
20,900.00	7,321.00	7,293.00	7,293.00	355.70	25.95	-90.00	-6,961.04	-7,795.28	6,240.11	6,047.32	192.79	32.367		
20,976.29	7,321.00	7,293.00	7,293.00	357.67	25.95	-90.00	-6,961.04	-7,795.28	6,315.20	6,122.69	192.51	32.804		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
6,900.00	5,286.67	5,295.67	5,295.67	75.40	18.78	60.94	-5,629.79	-11,670.74	10,052.93	9,973.33	79.60	126.298		
7,000.00	5,353.94	5,362.94	5,362.94	76.78	19.02	61.23	-5,629.79	-11,670.74	10,005.97	9,924.80	81.17	123.270		
7,100.00	5,421.20	5,430.20	5,430.20	78.16	19.26	61.51	-5,629.79	-11,670.74	9,959.33	9,876.58	82.75	120.348		
7,200.00	5,488.46	5,497.46	5,497.46	79.55	19.51	61.80	-5,629.79	-11,670.74	9,913.03	9,828.68	84.35	117.526		
7,300.00	5,555.72	5,564.72	5,564.72	80.93	19.75	62.08	-5,629.79	-11,670.74	9,867.07	9,781.11	85.95	114.799		
7,400.00	5,622.98	5,631.98	5,631.98	82.31	19.99	62.37	-5,629.79	-11,670.74	9,821.44	9,733.88	87.56	112.164		
7,500.00	5,690.24	5,699.24	5,699.24	83.69	20.23	62.66	-5,629.79	-11,670.74	9,776.17	9,686.98	89.19	109.616		
7,600.00	5,757.50	5,766.50	5,766.50	85.08	20.47	62.95	-5,629.79	-11,670.74	9,731.25	9,640.43	90.82	107.151		
7,700.00	5,824.76	5,833.76	5,833.76	86.46	20.71	63.24	-5,629.79	-11,670.74	9,686.68	9,594.22	92.46	104.767		
7,800.00	5,892.02	5,901.02	5,901.02	87.84	20.95	63.54	-5,629.79	-11,670.74	9,642.48	9,548.37	94.11	102.459		
7,900.00	5,959.28	5,968.28	5,968.28	89.23	21.19	63.83	-5,629.79	-11,670.74	9,598.64	9,502.87	95.77	100.225		
8,000.00	6,026.55	6,035.55	6,035.55	90.61	21.43	64.13	-5,629.79	-11,670.74	9,555.18	9,457.74	97.44	98.062		
8,100.00	6,093.81	6,102.81	6,102.81	91.99	21.68	64.43	-5,629.79	-11,670.74	9,512.09	9,412.97	99.12	95.966		
8,200.00	6,161.07	6,170.07	6,170.07	93.38	21.92	64.73	-5,629.79	-11,670.74	9,469.38	9,368.58	100.81	93.935		
8,300.00	6,228.33	6,237.33	6,237.33	94.76	22.16	65.03	-5,629.79	-11,670.74	9,427.07	9,324.56	102.51	91.966		
8,400.00	6,295.59	6,304.59	6,304.59	96.14	22.40	65.33	-5,629.79	-11,670.74	9,385.14	9,280.93	104.21	90.057		
8,500.00	6,362.85	6,371.85	6,371.85	97.53	22.64	65.64	-5,629.79	-11,670.74	9,343.62	9,237.69	105.93	88.207		
8,600.00	6,430.11	6,439.11	6,439.11	98.91	22.88	65.94	-5,629.79	-11,670.74	9,302.49	9,194.84	107.65	86.411		
8,700.00	6,497.37	6,506.37	6,506.37	100.29	23.12	66.25	-5,629.79	-11,670.74	9,261.78	9,152.39	109.39	84.670		
8,800.00	6,564.63	6,573.63	6,573.63	101.68	23.36	66.56	-5,629.79	-11,670.74	9,221.48	9,110.35	111.13	82.979		
8,900.00	6,631.89	6,640.89	6,640.89	103.06	23.60	66.87	-5,629.79	-11,670.74	9,181.59	9,068.71	112.88	81.339		
9,000.00	6,699.15	6,708.15	6,708.15	104.45	23.85	67.18	-5,629.79	-11,670.74	9,142.14	9,027.50	114.64	79.746		
9,100.00	6,766.42	6,775.42	6,775.42	105.83	24.09	67.50	-5,629.79	-11,670.74	9,103.11	8,986.70	116.41	78.200		
9,200.00	6,833.68	6,842.68	6,842.68	107.22	24.33	67.81	-5,629.79	-11,670.74	9,064.52	8,946.34	118.18	76.698		
9,300.00	6,900.94	6,909.94	6,909.94	108.60	24.57	68.13	-5,629.79	-11,670.74	9,026.37	8,906.40	119.97	75.240		
9,400.00	6,968.20	6,977.20	6,977.20	109.98	24.81	68.44	-5,629.79	-11,670.74	8,988.67	8,866.91	121.76	73.823		
9,500.00	7,035.46	7,044.46	7,044.46	111.37	25.05	68.76	-5,629.79	-11,670.74	8,951.42	8,827.86	123.56	72.446		
9,600.00	7,101.31	7,110.31	7,110.31	112.79	25.29	69.07	-5,629.79	-11,670.74	8,909.95	8,784.61	125.35	71.083		
9,700.00	7,161.49	7,170.49	7,170.49	114.30	25.50	69.38	-5,629.79	-11,670.74	8,854.13	8,727.10	127.03	69.702		
9,800.00	7,214.06	7,223.06	7,223.06	115.85	25.69	69.69	-5,629.79	-11,670.74	8,785.07	8,656.53	128.53	68.349		
9,900.00	7,257.41	7,266.41	7,266.41	117.39	25.85	69.99	-5,629.79	-11,670.74	8,704.74	8,574.94	129.80	67.064		
10,000.00	7,290.24	7,299.24	7,299.24	118.87	25.96	70.29	-5,629.79	-11,670.74	8,615.46	8,484.69	130.76	65.885		
10,100.00	7,311.53	7,320.53	7,320.53	120.23	26.04	70.59	-5,629.79	-11,670.74	8,519.81	8,388.42	131.39	64.843		
10,200.00	7,320.66	7,329.66	7,329.66	121.43	26.07	70.88	-5,629.79	-11,670.74	8,420.65	8,289.00	131.65	63.964		
10,300.00	7,321.00	7,330.00	7,330.00	122.51	26.08	71.17	-5,629.79	-11,670.74	8,320.66	8,189.03	131.63	63.212		
10,400.00	7,321.00	7,330.00	7,330.00	123.62	26.08	71.45	-5,629.79	-11,670.74	8,220.67	8,089.06	131.60	62.465		
10,500.00	7,321.00	7,330.00	7,330.00	124.77	26.08	71.73	-5,629.79	-11,670.74	8,120.67	7,989.10	131.58	61.718		
10,600.00	7,321.00	7,330.00	7,330.00	125.95	26.08	72.00	-5,629.79	-11,670.74	8,020.68	7,889.14	131.55	60.972		
10,700.00	7,321.00	7,330.00	7,330.00	127.17	26.08	72.27	-5,629.79	-11,670.74	7,920.69	7,789.17	131.52	60.225		
10,800.00	7,321.00	7,330.00	7,330.00	128.43	26.08	72.53	-5,629.79	-11,670.74	7,820.70	7,689.21	131.49	59.478		
10,900.00	7,321.00	7,330.00	7,330.00	129.72	26.08	72.79	-5,629.79	-11,670.74	7,720.71	7,589.25	131.46	58.731		
11,000.00	7,321.00	7,330.00	7,330.00	131.05	26.08	73.05	-5,629.79	-11,670.74	7,620.72	7,489.30	131.43	57.984		
11,100.00	7,321.00	7,330.00	7,330.00	132.41	26.08	73.30	-5,629.79	-11,670.74	7,520.73	7,389.34	131.40	57.237		
11,200.00	7,321.00	7,330.00	7,330.00	133.81	26.08	73.55	-5,629.79	-11,670.74	7,420.75	7,289.38	131.36	56.490		
11,300.00	7,321.00	7,330.00	7,330.00	135.25	26.08	73.79	-5,629.79	-11,670.74	7,320.76	7,189.43	131.33	55.743		
11,400.00	7,321.00	7,330.00	7,330.00	136.72	26.08	74.03	-5,629.79	-11,670.74	7,220.77	7,089.47	131.29	54.997		
11,500.00	7,321.00	7,330.00	7,330.00	138.22	26.08	74.27	-5,629.79	-11,670.74	7,120.78	6,989.52	131.26	54.250		
11,600.00	7,321.00	7,330.00	7,330.00	139.76	26.08	74.50	-5,629.79	-11,670.74	7,020.79	6,889.57	131.22	53.503		
11,700.00	7,321.00	7,330.00	7,330.00	141.34	26.08	74.73	-5,629.79	-11,670.74	6,920.80	6,789.62	131.18	52.757		
11,800.00	7,321.00	7,330.00	7,330.00	142.94	26.08	74.95	-5,629.79	-11,670.74	6,820.82	6,689.67	131.14	52.010		
11,900.00	7,321.00	7,330.00	7,330.00	144.58	26.08	75.17	-5,629.79	-11,670.74	6,720.83	6,589.73	131.10	51.263		
12,000.00	7,321.00	7,330.00	7,330.00	146.25	26.08	75.38	-5,629.79	-11,670.74	6,620.84	6,489.78	131.06	50.517		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
12,100.00	7,321.00	7,330.00	7,330.00	147.95	26.08	-90.00	-5,629.79	-11,670.74	6,520.86	6,389.84	131.02	49.770		
12,200.00	7,321.00	7,330.00	7,330.00	149.67	26.08	-90.00	-5,629.79	-11,670.74	6,420.87	6,289.90	130.97	49.024		
12,300.00	7,321.00	7,330.00	7,330.00	151.43	26.08	-90.00	-5,629.79	-11,670.74	6,320.89	6,189.96	130.93	48.278		
12,400.00	7,321.00	7,330.00	7,330.00	153.22	26.08	-90.00	-5,629.79	-11,670.74	6,220.90	6,090.02	130.88	47.531		
12,500.00	7,321.00	7,330.00	7,330.00	155.04	26.08	-90.00	-5,629.79	-11,670.74	6,120.92	5,990.09	130.83	46.785		
12,600.00	7,321.00	7,330.00	7,330.00	156.88	26.08	-90.00	-5,629.79	-11,670.74	6,020.94	5,890.16	130.78	46.039		
12,700.00	7,321.00	7,330.00	7,330.00	158.75	26.08	-90.00	-5,629.79	-11,670.74	5,920.95	5,790.23	130.73	45.293		
12,800.00	7,321.00	7,330.00	7,330.00	160.65	26.08	-90.00	-5,629.79	-11,670.74	5,820.97	5,690.30	130.67	44.547		
12,900.00	7,321.00	7,330.00	7,330.00	162.57	26.08	-90.00	-5,629.79	-11,670.74	5,720.99	5,590.38	130.61	43.801		
13,000.00	7,321.00	7,330.00	7,330.00	164.51	26.08	-90.00	-5,629.79	-11,670.74	5,621.01	5,490.46	130.55	43.056		
13,100.00	7,321.00	7,330.00	7,330.00	166.48	26.08	-90.00	-5,629.79	-11,670.74	5,521.03	5,390.54	130.49	42.310		
13,200.00	7,321.00	7,330.00	7,330.00	168.48	26.08	-90.00	-5,629.79	-11,670.74	5,421.05	5,290.62	130.42	41.565		
13,300.00	7,321.00	7,330.00	7,330.00	170.49	26.08	-90.00	-5,629.79	-11,670.74	5,321.07	5,190.71	130.36	40.819		
13,400.00	7,321.00	7,330.00	7,330.00	172.52	26.08	-90.00	-5,629.79	-11,670.74	5,221.09	5,090.80	130.29	40.074		
13,500.00	7,321.00	7,330.00	7,330.00	174.58	26.08	-90.00	-5,629.79	-11,670.74	5,121.11	4,990.90	130.21	39.329		
13,600.00	7,321.00	7,330.00	7,330.00	176.66	26.08	-90.00	-5,629.79	-11,670.74	5,021.14	4,891.00	130.14	38.584		
13,700.00	7,321.00	7,330.00	7,330.00	178.75	26.08	-90.00	-5,629.79	-11,670.74	4,921.16	4,791.11	130.06	37.839		
13,800.00	7,321.00	7,330.00	7,330.00	180.87	26.08	-90.00	-5,629.79	-11,670.74	4,821.19	4,691.22	129.97	37.094		
13,900.00	7,321.00	7,330.00	7,330.00	183.00	26.08	-90.00	-5,629.79	-11,670.74	4,721.21	4,591.33	129.88	36.350		
14,000.00	7,321.00	7,330.00	7,330.00	185.15	26.08	-90.00	-5,629.79	-11,670.74	4,621.24	4,491.45	129.79	35.605		
14,100.00	7,321.00	7,330.00	7,330.00	187.32	26.08	-90.00	-5,629.79	-11,670.74	4,521.27	4,391.58	129.69	34.861		
14,200.00	7,321.00	7,330.00	7,330.00	189.50	26.08	-90.00	-5,629.79	-11,670.74	4,421.30	4,291.71	129.59	34.117		
14,300.00	7,321.00	7,330.00	7,330.00	191.70	26.08	-90.00	-5,629.79	-11,670.74	4,321.33	4,191.85	129.49	33.373		
14,400.00	7,321.00	7,330.00	7,330.00	193.92	26.08	-90.00	-5,629.79	-11,670.74	4,221.37	4,091.99	129.37	32.629		
14,500.00	7,321.00	7,330.00	7,330.00	196.15	26.08	-90.00	-5,629.79	-11,670.74	4,121.40	3,992.15	129.26	31.886		
14,600.00	7,321.00	7,330.00	7,330.00	198.39	26.08	-90.00	-5,629.79	-11,670.74	4,021.44	3,892.31	129.13	31.142		
14,700.00	7,321.00	7,330.00	7,330.00	200.65	26.08	-90.00	-5,629.79	-11,670.74	3,921.48	3,792.48	129.00	30.399		
14,800.00	7,321.00	7,330.00	7,330.00	202.92	26.08	-90.00	-5,629.79	-11,670.74	3,821.52	3,692.66	128.86	29.656		
14,900.00	7,321.00	7,330.00	7,330.00	205.20	26.08	-90.00	-5,629.79	-11,670.74	3,721.56	3,592.85	128.71	28.914		
15,000.00	7,321.00	7,330.00	7,330.00	207.50	26.08	-90.00	-5,629.79	-11,670.74	3,621.61	3,493.05	128.56	28.171		
15,100.00	7,321.00	7,330.00	7,330.00	209.80	26.08	-90.00	-5,629.79	-11,670.74	3,521.65	3,393.26	128.39	27.429		
15,200.00	7,321.00	7,330.00	7,330.00	212.12	26.08	-90.00	-5,629.79	-11,670.74	3,421.70	3,293.49	128.21	26.687		
15,300.00	7,321.00	7,330.00	7,330.00	214.45	26.08	-90.00	-5,629.79	-11,670.74	3,321.76	3,193.73	128.03	25.946		
15,400.00	7,321.00	7,330.00	7,330.00	216.79	26.08	-90.00	-5,629.79	-11,670.74	3,221.81	3,093.99	127.83	25.204		
15,500.00	7,321.00	7,330.00	7,330.00	219.15	26.08	-90.00	-5,629.79	-11,670.74	3,121.87	2,994.26	127.61	24.463		
15,600.00	7,321.00	7,330.00	7,330.00	221.51	26.08	-90.00	-5,629.79	-11,670.74	3,021.94	2,894.55	127.39	23.722		
15,700.00	7,321.00	7,330.00	7,330.00	223.88	26.08	-90.00	-5,629.79	-11,670.74	2,922.01	2,794.86	127.14	22.982		
15,800.00	7,321.00	7,330.00	7,330.00	226.26	26.08	-90.00	-5,629.79	-11,670.74	2,822.08	2,695.20	126.88	22.242		
15,900.00	7,321.00	7,330.00	7,330.00	228.65	26.08	-90.00	-5,629.79	-11,670.74	2,722.16	2,595.56	126.60	21.502		
16,000.00	7,321.00	7,330.00	7,330.00	231.04	26.08	-90.00	-5,629.79	-11,670.74	2,622.25	2,495.95	126.29	20.763		
16,100.00	7,321.00	7,330.00	7,330.00	233.45	26.08	-90.00	-5,629.79	-11,670.74	2,522.34	2,396.37	125.97	20.024		
16,200.00	7,321.00	7,330.00	7,330.00	235.86	26.08	-90.00	-5,629.79	-11,670.74	2,422.44	2,296.83	125.61	19.286		
16,300.00	7,321.00	7,330.00	7,330.00	238.28	26.08	-90.00	-5,629.79	-11,670.74	2,322.55	2,197.33	125.22	18.548		
16,400.00	7,321.00	7,330.00	7,330.00	240.71	26.08	-90.00	-5,629.79	-11,670.74	2,222.66	2,097.87	124.80	17.810		
16,500.00	7,321.00	7,330.00	7,330.00	243.15	26.08	-90.00	-5,629.79	-11,670.74	2,122.79	1,998.46	124.33	17.074		
16,600.00	7,321.00	7,330.00	7,330.00	245.59	26.08	-90.00	-5,629.79	-11,670.74	2,022.93	1,899.11	123.82	16.337		
16,700.00	7,321.00	7,330.00	7,330.00	248.05	26.08	-90.00	-5,629.79	-11,670.74	1,923.09	1,799.83	123.26	15.602		
16,800.00	7,321.00	7,330.00	7,330.00	250.50	26.08	-90.00	-5,629.79	-11,670.74	1,823.26	1,700.63	122.64	14.867		
16,900.00	7,321.00	7,330.00	7,330.00	252.97	26.08	-90.00	-5,629.79	-11,670.74	1,723.46	1,601.51	121.94	14.133		
17,000.00	7,321.00	7,330.00	7,330.00	255.44	26.08	-90.00	-5,629.79	-11,670.74	1,623.68	1,502.51	121.17	13.400		
17,100.00	7,321.00	7,330.00	7,330.00	257.91	26.08	-90.00	-5,629.79	-11,670.74	1,523.92	1,403.63	120.29	12.668		
17,200.00	7,321.00	7,330.00	7,330.00	260.39	26.08	-90.00	-5,629.79	-11,670.74	1,424.20	1,304.90	119.30	11.938		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	
17,300.00	7,321.00	7,330.00	7,330.00	262.88	26.08	-90.00	-5,629.79	-11,670.74	1,324.53	1,206.35	118.17	11.209	
17,400.00	7,321.00	7,330.00	7,330.00	265.37	26.08	-90.00	-5,629.79	-11,670.74	1,224.90	1,108.03	116.87	10.481	
17,500.00	7,321.00	7,330.00	7,330.00	267.87	26.08	-90.00	-5,629.79	-11,670.74	1,125.34	1,009.99	115.36	9.755	
17,600.00	7,321.00	7,330.00	7,330.00	270.37	26.08	-90.00	-5,629.79	-11,670.74	1,025.87	912.28	113.59	9.032	
17,700.00	7,321.00	7,330.00	7,330.00	272.88	26.08	-90.00	-5,629.79	-11,670.74	926.51	815.02	111.49	8.310	
17,800.00	7,321.00	7,330.00	7,330.00	275.40	26.08	-90.00	-5,629.79	-11,670.74	827.31	718.32	108.99	7.591	
17,900.00	7,321.00	7,330.00	7,330.00	277.91	26.08	-90.00	-5,629.79	-11,670.74	728.32	622.35	105.97	6.873	
18,000.00	7,321.00	7,330.00	7,330.00	280.43	26.08	-90.00	-5,629.79	-11,670.74	629.66	527.30	102.36	6.152	
18,100.00	7,321.00	7,330.00	7,330.00	282.97	26.08	-90.00	-5,629.79	-11,670.74	531.27	432.88	98.39	5.400	
18,200.00	7,321.00	7,330.00	7,330.00	285.53	26.08	-90.00	-5,629.79	-11,670.74	432.88	338.05	94.83	4.565	
18,300.00	7,321.00	7,330.00	7,330.00	288.11	26.08	-90.00	-5,629.79	-11,670.74	334.61	242.10	92.51	3.617	
18,400.00	7,321.00	7,330.00	7,330.00	290.70	26.08	-90.00	-5,629.79	-11,670.74	236.85	142.23	94.62	2.503	
18,500.00	7,321.00	7,330.00	7,330.00	293.30	26.08	-90.00	-5,629.79	-11,670.74	140.86	24.48	116.38	1.210	Level 2
18,600.00	7,321.00	7,330.00	7,330.00	295.90	26.08	-90.00	-5,629.79	-11,670.74	58.01	-194.12	252.12	0.230	Level 1
18,632.39	7,321.00	7,330.00	7,330.00	296.74	26.08	-90.00	-5,629.79	-11,670.74	48.12	-272.29	320.41	0.150	Level 1, CC, ES, SF
18,700.00	7,321.00	7,330.00	7,330.00	298.50	26.08	-90.00	-5,629.79	-11,670.74	82.98	-152.01	235.00	0.353	Level 1
18,800.00	7,321.00	7,330.00	7,330.00	301.11	26.08	-90.00	-5,629.79	-11,670.74	174.38	14.03	160.35	1.087	Level 2
18,900.00	7,321.00	7,330.00	7,330.00	303.72	26.08	-90.00	-5,629.79	-11,670.74	271.90	134.55	137.35	1.980	
19,000.00	7,321.00	7,330.00	7,330.00	306.32	26.08	-90.00	-5,629.79	-11,670.74	370.74	243.66	127.08	2.917	
19,100.00	7,321.00	7,330.00	7,330.00	308.93	26.08	-90.00	-5,629.79	-11,670.74	470.08	348.64	121.44	3.871	
19,200.00	7,321.00	7,330.00	7,330.00	311.54	26.08	-90.00	-5,629.79	-11,670.74	569.64	451.72	117.92	4.831	
19,300.00	7,321.00	7,330.00	7,330.00	314.16	26.08	-90.00	-5,629.79	-11,670.74	669.34	553.79	115.54	5.793	
19,400.00	7,321.00	7,330.00	7,330.00	316.77	26.08	-90.00	-5,629.79	-11,670.74	769.11	655.27	113.84	6.756	
19,500.00	7,321.00	7,330.00	7,330.00	319.38	26.08	-90.00	-5,629.79	-11,670.74	868.94	756.37	112.57	7.719	
19,600.00	7,321.00	7,330.00	7,330.00	322.00	26.08	-90.00	-5,629.79	-11,670.74	968.80	857.21	111.59	8.682	
19,700.00	7,321.00	7,330.00	7,330.00	324.61	26.08	-90.00	-5,629.79	-11,670.74	1,068.69	957.88	110.81	9.644	
19,800.00	7,321.00	7,330.00	7,330.00	327.23	26.08	-90.00	-5,629.79	-11,670.74	1,168.63	1,058.30	110.33	10.592	
19,900.00	7,321.00	7,330.00	7,330.00	329.85	26.08	90.00	-5,629.79	-11,670.74	1,268.62	1,158.22	110.40	11.491	
20,000.00	7,321.00	7,330.00	7,330.00	332.46	26.08	90.00	-5,629.79	-11,670.74	1,368.56	1,257.65	110.90	12.340	
20,100.00	7,321.00	7,330.00	7,330.00	335.06	26.08	90.00	-5,629.79	-11,670.74	1,468.33	1,356.56	111.77	13.137	
20,200.00	7,321.00	7,330.00	7,330.00	337.65	26.08	90.00	-5,629.79	-11,670.74	1,567.87	1,454.93	112.93	13.883	
20,300.00	7,321.00	7,330.00	7,330.00	340.22	26.08	90.00	-5,629.79	-11,670.74	1,667.17	1,552.87	114.30	14.586	
20,400.00	7,321.00	7,330.00	7,330.00	342.79	26.08	90.00	-5,629.79	-11,670.74	1,766.52	1,650.95	115.57	15.285	
20,500.00	7,321.00	7,330.00	7,330.00	345.37	26.08	90.00	-5,629.79	-11,670.74	1,865.94	1,749.22	116.72	15.986	
20,600.00	7,321.00	7,330.00	7,330.00	347.95	26.08	90.00	-5,629.79	-11,670.74	1,965.42	1,847.64	117.78	16.688	
20,700.00	7,321.00	7,330.00	7,330.00	350.53	26.08	90.00	-5,629.79	-11,670.74	2,064.95	1,946.20	118.74	17.390	
20,800.00	7,321.00	7,330.00	7,330.00	353.11	26.08	90.00	-5,629.79	-11,670.74	2,164.52	2,044.89	119.63	18.093	
20,900.00	7,321.00	7,330.00	7,330.00	355.70	26.08	90.00	-5,629.79	-11,670.74	2,264.13	2,143.68	120.45	18.797	
20,976.29	7,321.00	7,330.00	7,330.00	357.67	26.08	90.00	-5,629.79	-11,670.74	2,340.14	2,219.10	121.04	19.334	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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 - EXIST HZ BOWER 10-3 - Wellbore #1 - Wellbore #1		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				
2,900.00	2,596.24	733.00	729.02	20.59	2.54	38.17	-5,638.16	-9,048.21	9,978.19	9,960.93	17.25	578.348				
3,000.00	2,663.50	733.00	729.02	21.92	2.54	38.17	-5,638.16	-9,048.21	9,930.90	9,912.80	18.10	548.655				
3,100.00	2,730.76	733.00	729.02	23.25	2.54	38.17	-5,638.16	-9,048.21	9,884.40	9,865.44	18.96	521.246				
3,200.00	2,798.02	785.44	780.07	24.60	2.80	38.37	-5,637.78	-9,060.17	9,838.04	9,817.98	20.06	490.526				
3,300.00	2,865.28	827.00	820.36	25.94	3.01	38.52	-5,637.62	-9,070.38	9,792.86	9,771.74	21.12	463.723				
3,400.00	2,932.54	827.00	820.36	27.30	3.01	38.52	-5,637.62	-9,070.38	9,748.07	9,726.05	22.02	442.686				
3,500.00	2,999.80	827.00	820.36	28.65	3.01	38.52	-5,637.62	-9,070.38	9,704.12	9,681.18	22.93	423.132				
3,600.00	3,067.06	827.00	820.36	30.01	3.01	38.52	-5,637.62	-9,070.38	9,660.99	9,637.13	23.86	404.929				
3,700.00	3,134.32	865.41	857.44	31.37	3.21	38.67	-5,637.60	-9,080.38	9,618.37	9,593.41	24.96	385.323				
3,800.00	3,201.59	882.14	873.55	32.73	3.30	38.73	-5,637.63	-9,084.89	9,576.59	9,550.61	25.98	368.609				
3,900.00	3,268.85	921.00	910.87	34.09	3.51	38.88	-5,637.81	-9,095.74	9,535.65	9,508.55	27.11	351.804				
4,000.00	3,336.11	921.00	910.87	35.46	3.51	38.88	-5,637.81	-9,095.74	9,495.24	9,467.18	28.07	338.287				
4,100.00	3,403.37	921.00	910.87	36.83	3.51	38.88	-5,637.81	-9,095.74	9,455.72	9,426.68	29.04	325.607				
4,200.00	3,470.63	978.14	965.55	38.20	3.85	39.10	-5,638.14	-9,112.29	9,416.70	9,386.41	30.29	310.868				
4,300.00	3,537.89	1,014.00	999.80	39.57	4.05	39.24	-5,638.32	-9,122.92	9,378.39	9,346.95	31.44	298.292				
4,400.00	3,605.15	1,117.11	1,098.25	40.94	4.68	39.64	-5,638.74	-9,153.58	9,340.46	9,307.53	32.93	283.654				
4,500.00	3,672.41	1,183.32	1,161.49	42.31	5.08	39.90	-5,639.05	-9,173.16	9,302.73	9,268.47	34.25	271.576				
4,600.00	3,739.67	1,252.11	1,227.22	43.68	5.50	40.17	-5,639.56	-9,193.49	9,265.40	9,229.79	35.60	260.230				
4,700.00	3,806.93	1,333.71	1,305.20	45.06	6.01	40.49	-5,640.45	-9,217.48	9,228.38	9,191.35	37.03	249.243				
4,800.00	3,874.19	1,751.07	1,706.43	46.43	8.52	42.15	-5,643.56	-9,332.25	9,189.99	9,149.94	40.06	229.427				
4,900.00	3,941.46	1,804.68	1,758.22	47.81	8.83	42.37	-5,643.96	-9,346.09	9,150.94	9,109.58	41.36	221.238				
5,000.00	4,008.72	1,869.84	1,821.18	49.18	9.21	42.63	-5,644.82	-9,362.84	9,112.30	9,069.57	42.73	213.245				
5,100.00	4,075.98	1,958.02	1,906.42	50.56	9.72	42.98	-5,646.14	-9,385.41	9,073.96	9,029.75	44.22	205.221				
5,200.00	4,143.24	2,016.31	1,962.76	51.94	10.06	43.22	-5,647.00	-9,400.30	9,035.92	8,990.35	45.57	198.279				
5,300.00	4,210.50	2,061.69	2,006.60	53.31	10.32	43.40	-5,647.81	-9,412.00	8,998.44	8,951.56	46.88	191.959				
5,400.00	4,277.76	2,110.00	2,053.24	54.69	10.60	43.59	-5,648.83	-9,424.56	8,961.54	8,913.33	48.20	185.907				
5,500.00	4,345.02	2,159.20	2,100.69	56.07	10.89	43.79	-5,649.83	-9,437.52	8,925.19	8,875.64	49.55	180.132				
5,600.00	4,412.28	2,211.05	2,150.64	57.45	11.20	44.01	-5,650.61	-9,451.40	8,889.38	8,838.46	50.91	174.594				
5,700.00	4,479.54	2,261.50	2,199.19	58.83	11.51	44.22	-5,651.16	-9,465.12	8,854.12	8,801.83	52.29	169.342				
5,800.00	4,546.80	2,311.21	2,246.99	60.21	11.81	44.42	-5,651.81	-9,478.74	8,819.43	8,765.77	53.66	164.350				
5,900.00	4,614.07	2,360.00	2,293.88	61.59	12.10	44.63	-5,652.60	-9,492.20	8,785.32	8,730.27	55.04	159.607				
6,000.00	4,681.33	2,423.85	2,355.20	62.97	12.50	44.89	-5,653.52	-9,509.98	8,751.73	8,695.22	56.51	154.867				
6,100.00	4,748.59	2,485.00	2,413.86	64.35	12.87	45.15	-5,653.99	-9,527.24	8,718.62	8,660.65	57.98	150.382				
6,200.00	4,815.85	2,530.63	2,457.58	65.73	13.16	45.35	-5,654.17	-9,540.28	8,686.09	8,626.71	59.38	146.292				
6,300.00	4,883.11	2,575.85	2,500.87	67.11	13.45	45.54	-5,654.30	-9,553.37	8,654.20	8,593.42	60.78	142.385				
6,400.00	4,950.37	2,610.00	2,533.52	68.49	13.66	45.69	-5,654.38	-9,563.37	8,622.97	8,560.83	62.13	138.779				
6,500.00	5,017.63	2,671.65	2,592.42	69.87	14.06	45.96	-5,654.64	-9,581.57	8,592.34	8,528.70	63.64	135.006				
6,600.00	5,084.89	2,735.00	2,652.90	71.25	14.46	46.24	-5,655.18	-9,600.42	8,562.37	8,497.20	65.17	131.382				
6,700.00	5,152.15	2,770.72	2,686.98	72.63	14.70	46.39	-5,655.64	-9,611.12	8,533.00	8,466.44	66.56	128.208				
6,800.00	5,219.41	2,819.95	2,733.92	74.02	15.02	46.60	-5,656.49	-9,625.93	8,504.28	8,436.26	68.02	125.025				
6,900.00	5,286.67	3,045.03	2,949.15	75.40	16.45	47.57	-5,661.08	-9,691.61	8,475.17	8,404.73	70.44	120.318				
7,000.00	5,353.94	3,360.00	3,252.04	76.78	18.36	48.96	-5,664.76	-9,777.81	8,445.42	8,372.10	73.32	115.188				
7,100.00	5,421.20	3,424.25	3,314.16	78.16	18.74	49.24	-5,666.05	-9,794.15	8,414.48	8,339.59	74.89	112.352				
7,200.00	5,488.46	3,484.00	3,371.84	79.55	19.09	49.51	-5,667.26	-9,809.70	8,384.34	8,307.89	76.46	109.662				
7,300.00	5,555.72	3,539.86	3,425.73	80.93	19.42	49.76	-5,668.25	-9,824.38	8,354.76	8,276.75	78.01	107.098				
7,400.00	5,622.98	3,711.18	3,591.15	82.31	20.42	50.53	-5,669.37	-9,868.95	8,325.38	8,245.20	80.18	103.833				
7,500.00	5,690.24	3,734.00	3,613.21	83.69	20.56	50.64	-5,669.26	-9,874.76	8,295.91	8,214.32	81.59	101.679				
7,600.00	5,757.50	3,795.56	3,672.69	85.08	20.92	50.92	-5,669.06	-9,890.63	8,267.01	8,183.80	83.21	99.350				
7,700.00	5,824.76	3,859.00	3,733.84	86.46	21.30	51.21	-5,669.27	-9,907.52	8,239.19	8,154.34	84.85	97.102				
7,800.00	5,892.02	3,859.00	3,733.84	87.84	21.30	51.21	-5,669.27	-9,907.52	8,211.93	8,125.78	86.15	95.318				
7,900.00	5,959.28	3,859.00	3,733.84	89.23	21.30	51.21	-5,669.27	-9,907.52	8,185.81	8,098.35	87.45	93.601				
8,000.00	6,026.55	3,906.49	3,779.47	90.61	21.59	51.43	-5,669.64	-9,920.65	8,160.38	8,071.36	89.03	91.663				

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
8,100.00	6,093.81	3,929.95	3,801.96	91.99	21.74	51.54	-5,669.86	-9,927.35	8,136.00	8,045.54	90.47	89.935		
8,200.00	6,161.07	3,984.00	3,853.59	93.38	22.08	51.79	-5,670.49	-9,943.31	8,112.75	8,020.66	92.09	88.098		
8,300.00	6,228.33	3,984.00	3,853.59	94.76	22.08	51.79	-5,670.49	-9,943.31	8,090.09	7,996.70	93.39	86.624		
8,400.00	6,295.59	4,015.09	3,883.22	96.14	22.29	51.93	-5,670.94	-9,952.74	8,068.51	7,973.62	94.89	85.034		
8,500.00	6,362.85	4,059.00	3,925.01	97.53	22.58	52.13	-5,671.69	-9,966.18	8,047.71	7,951.25	96.46	83.429		
8,600.00	6,430.11	6,502.45	6,321.21	98.91	33.68	64.21	-5,660.65	-10,370.60	8,015.95	7,907.64	108.31	74.009		
8,700.00	6,497.37	6,578.78	6,397.53	100.29	33.88	64.61	-5,660.10	-10,372.04	7,975.19	7,865.12	110.07	72.453		
8,800.00	6,564.63	6,666.75	6,485.48	101.68	34.11	65.08	-5,659.41	-10,373.53	7,934.77	7,822.90	111.87	70.927		
8,900.00	6,631.89	6,758.18	6,576.90	103.06	34.35	65.57	-5,658.66	-10,374.80	7,894.64	7,780.95	113.69	69.441		
9,000.00	6,699.15	6,848.36	6,667.07	104.45	34.58	66.06	-5,658.06	-10,375.78	7,854.80	7,739.29	115.51	68.000		
9,100.00	6,766.42	6,945.49	6,764.20	105.83	34.83	66.58	-5,657.58	-10,376.49	7,815.23	7,697.88	117.35	66.595		
9,200.00	6,833.68	7,022.81	6,841.51	107.22	35.03	67.01	-5,657.29	-10,376.81	7,775.96	7,656.79	119.17	65.250		
9,300.00	6,900.94	7,087.97	6,906.67	108.60	35.20	67.36	-5,657.08	-10,377.07	7,737.19	7,616.22	120.98	63.956		
9,400.00	6,968.20	7,158.27	6,976.98	109.98	35.37	67.75	-5,656.94	-10,377.35	7,698.95	7,576.15	122.80	62.695		
9,500.00	7,035.46	7,231.16	7,049.87	111.37	35.55	68.15	-5,657.11	-10,377.57	7,661.18	7,536.54	124.64	61.468		
9,600.00	7,101.31	7,406.99	7,225.68	112.79	35.96	62.89	-5,658.56	-10,376.56	7,618.60	7,492.01	126.60	60.180		
9,700.00	7,161.49	7,498.42	7,317.10	114.30	36.16	56.67	-5,659.93	-10,375.26	7,561.42	7,433.10	128.32	58.928		
9,800.00	7,214.06	7,587.32	7,405.96	115.85	36.35	52.04	-5,661.62	-10,373.57	7,490.97	7,361.12	129.86	57.687		
9,900.00	7,257.41	7,639.09	7,457.71	117.39	36.46	48.61	-5,662.74	-10,372.40	7,409.39	7,278.27	131.12	56.509		
10,000.00	7,290.24	7,671.79	7,490.39	118.87	36.53	46.30	-5,663.44	-10,371.66	7,319.16	7,187.09	132.07	55.418		
10,100.00	7,311.53	7,692.08	7,510.67	120.23	36.58	45.12	-5,663.88	-10,371.19	7,222.92	7,090.24	132.68	54.439		
10,200.00	7,320.66	7,699.37	7,517.96	121.43	36.59	51.06	-5,664.03	-10,371.02	7,123.52	6,990.61	132.91	53.597		
10,300.00	7,321.00	7,697.34	7,515.93	122.51	36.59	-137.64	-5,663.99	-10,371.07	7,023.56	6,890.70	132.86	52.863		
10,400.00	7,321.00	7,694.95	7,513.54	123.62	36.58	-137.22	-5,663.94	-10,371.12	6,923.61	6,790.80	132.80	52.134		
10,500.00	7,321.00	7,692.56	7,511.15	124.77	36.58	-136.79	-5,663.89	-10,371.18	6,823.65	6,690.91	132.74	51.404		
10,600.00	7,321.00	7,690.17	7,508.76	125.95	36.57	-136.35	-5,663.84	-10,371.23	6,723.70	6,591.02	132.68	50.675		
10,700.00	7,321.00	7,687.79	7,506.38	127.17	36.57	-135.91	-5,663.79	-10,371.29	6,623.75	6,491.13	132.62	49.945		
10,800.00	7,321.00	7,685.41	7,504.00	128.43	36.56	-135.46	-5,663.74	-10,371.34	6,523.80	6,391.25	132.56	49.216		
10,900.00	7,321.00	7,683.03	7,501.63	129.72	36.56	-135.01	-5,663.68	-10,371.40	6,423.85	6,291.36	132.49	48.486		
11,000.00	7,321.00	7,680.65	7,499.25	131.05	36.55	-134.54	-5,663.63	-10,371.45	6,323.90	6,191.48	132.42	47.756		
11,100.00	7,321.00	7,678.28	7,496.88	132.41	36.55	-134.07	-5,663.58	-10,371.51	6,223.95	6,091.60	132.35	47.026		
11,200.00	7,321.00	7,675.91	7,494.51	133.81	36.54	-133.59	-5,663.53	-10,371.56	6,124.01	5,991.73	132.28	46.296		
11,300.00	7,321.00	7,673.54	7,492.14	135.25	36.54	-133.10	-5,663.48	-10,371.61	6,024.06	5,891.86	132.20	45.566		
11,400.00	7,321.00	7,671.17	7,489.78	136.72	36.53	-132.61	-5,663.43	-10,371.67	5,924.11	5,791.99	132.13	44.836		
11,500.00	7,321.00	7,668.81	7,487.41	138.22	36.53	-132.11	-5,663.38	-10,371.72	5,824.17	5,692.12	132.05	44.106		
11,600.00	7,321.00	7,666.45	7,485.05	139.76	36.52	-131.60	-5,663.33	-10,371.78	5,724.23	5,592.26	131.97	43.376		
11,700.00	7,321.00	7,664.09	7,482.69	141.34	36.52	-131.08	-5,663.28	-10,371.83	5,624.28	5,492.40	131.88	42.646		
11,800.00	7,321.00	7,661.73	7,480.34	142.94	36.51	-130.55	-5,663.23	-10,371.89	5,524.34	5,392.55	131.80	41.916		
11,900.00	7,321.00	7,659.38	7,477.99	144.58	36.51	-130.02	-5,663.18	-10,371.94	5,424.40	5,292.69	131.71	41.185		
12,000.00	7,321.00	7,657.03	7,475.64	146.25	36.50	-129.48	-5,663.13	-10,371.99	5,324.46	5,192.85	131.61	40.455		
12,100.00	7,321.00	7,654.68	7,473.29	147.95	36.50	-128.92	-5,663.08	-10,372.05	5,224.52	5,093.01	131.52	39.725		
12,200.00	7,321.00	7,652.33	7,470.94	149.67	36.49	-128.36	-5,663.03	-10,372.10	5,124.59	4,993.17	131.42	38.995		
12,300.00	7,321.00	7,649.99	7,468.60	151.43	36.49	-127.80	-5,662.98	-10,372.15	5,024.65	4,893.34	131.31	38.264		
12,400.00	7,321.00	7,647.64	7,466.26	153.22	36.48	-127.22	-5,662.92	-10,372.21	4,924.72	4,793.51	131.21	37.534		
12,500.00	7,321.00	7,645.30	7,463.92	155.04	36.48	-126.63	-5,662.87	-10,372.26	4,824.79	4,693.69	131.09	36.804		
12,600.00	7,321.00	7,642.97	7,461.58	156.88	36.47	-126.04	-5,662.82	-10,372.31	4,724.86	4,593.88	130.98	36.074		
12,700.00	7,321.00	7,640.63	7,459.25	158.75	36.47	-125.44	-5,662.77	-10,372.37	4,624.93	4,494.07	130.86	35.343		
12,800.00	7,321.00	7,638.30	7,456.92	160.65	36.46	-124.82	-5,662.72	-10,372.42	4,525.00	4,394.27	130.73	34.613		
12,900.00	7,321.00	7,635.97	7,454.59	162.57	36.46	-124.20	-5,662.67	-10,372.47	4,425.08	4,294.48	130.60	33.883		
13,000.00	7,321.00	7,633.64	7,452.26	164.51	36.45	-123.57	-5,662.62	-10,372.53	4,325.16	4,194.70	130.46	33.153		
13,100.00	7,321.00	7,631.32	7,449.94	166.48	36.45	-122.93	-5,662.57	-10,372.58	4,225.24	4,094.92	130.32	32.423		
13,200.00	7,321.00	7,628.99	7,447.61	168.48	36.44	-122.28	-5,662.52	-10,372.63	4,125.32	3,995.16	130.16	31.693		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
13,300.00	7,321.00	7,626.67	7,445.29	170.49	36.44	-121.62	-5,662.47	-10,372.69	4,025.41	3,895.40	130.01	30.963		
13,400.00	7,321.00	7,624.35	7,442.98	172.52	36.43	-120.96	-5,662.42	-10,372.74	3,925.50	3,795.66	129.84	30.233		
13,500.00	7,321.00	7,622.04	7,440.66	174.58	36.43	-120.28	-5,662.37	-10,372.79	3,825.59	3,695.92	129.66	29.504		
13,600.00	7,321.00	7,622.67	7,441.30	176.66	36.43	-120.47	-5,662.39	-10,372.77	3,725.68	3,596.21	129.47	28.776		
13,700.00	7,321.00	7,619.74	7,438.37	178.75	36.42	-119.60	-5,662.32	-10,372.84	3,625.78	3,496.50	129.28	28.046		
13,800.00	7,321.00	7,616.85	7,435.48	180.87	36.41	-118.73	-5,662.26	-10,372.91	3,525.89	3,396.81	129.08	27.316		
13,900.00	7,321.00	7,614.00	7,432.63	183.00	36.41	-117.85	-5,662.20	-10,372.97	3,425.99	3,297.14	128.86	26.587		
14,000.00	7,321.00	7,611.19	7,429.82	185.15	36.40	-116.98	-5,662.14	-10,373.04	3,326.11	3,197.48	128.63	25.858		
14,100.00	7,321.00	7,608.42	7,427.05	187.32	36.40	-116.10	-5,662.07	-10,373.10	3,226.23	3,097.84	128.39	25.129		
14,200.00	7,321.00	7,605.68	7,424.32	189.50	36.39	-115.22	-5,662.01	-10,373.16	3,126.35	2,998.22	128.13	24.400		
14,300.00	7,321.00	7,602.99	7,421.62	191.70	36.38	-114.34	-5,661.96	-10,373.22	3,026.48	2,898.63	127.86	23.671		
14,400.00	7,321.00	7,600.32	7,418.96	193.92	36.38	-113.45	-5,661.90	-10,373.28	2,926.62	2,799.06	127.56	22.943		
14,500.00	7,321.00	7,597.70	7,416.33	196.15	36.37	-112.57	-5,661.84	-10,373.34	2,826.77	2,699.52	127.25	22.214		
14,600.00	7,321.00	7,595.11	7,413.74	198.39	36.37	-111.69	-5,661.79	-10,373.40	2,726.92	2,600.01	126.91	21.487		
14,700.00	7,321.00	7,592.55	7,411.19	200.65	36.36	-110.80	-5,661.73	-10,373.45	2,627.08	2,500.53	126.55	20.759		
14,800.00	7,321.00	7,590.02	7,408.67	202.92	36.36	-109.92	-5,661.68	-10,373.51	2,527.26	2,401.10	126.16	20.032		
14,900.00	7,321.00	7,587.53	7,406.18	205.20	36.35	-109.03	-5,661.63	-10,373.56	2,427.45	2,301.71	125.74	19.305		
15,000.00	7,321.00	7,585.07	7,403.72	207.50	36.34	-108.15	-5,661.58	-10,373.61	2,327.65	2,202.36	125.28	18.579		
15,100.00	7,321.00	7,582.65	7,401.29	209.80	36.34	-107.27	-5,661.53	-10,373.67	2,227.86	2,103.08	124.79	17.853		
15,200.00	7,321.00	7,580.25	7,398.89	212.12	36.33	-106.40	-5,661.48	-10,373.72	2,128.10	2,003.85	124.24	17.128		
15,300.00	7,321.00	7,577.88	7,396.53	214.45	36.33	-105.52	-5,661.43	-10,373.77	2,028.35	1,904.70	123.65	16.404		
15,400.00	7,321.00	7,575.55	7,394.19	216.79	36.32	-104.65	-5,661.38	-10,373.82	1,928.63	1,805.63	123.00	15.680		
15,500.00	7,321.00	7,573.24	7,391.89	219.15	36.32	-103.78	-5,661.33	-10,373.86	1,828.93	1,706.66	122.28	14.957		
15,600.00	7,321.00	7,570.96	7,389.61	221.51	36.31	-102.91	-5,661.29	-10,373.91	1,729.27	1,607.80	121.47	14.236		
15,700.00	7,321.00	7,568.71	7,387.36	223.88	36.31	-102.05	-5,661.24	-10,373.96	1,629.65	1,509.07	120.58	13.515		
15,800.00	7,321.00	7,566.48	7,385.13	226.26	36.30	-101.20	-5,661.20	-10,374.00	1,530.07	1,410.50	119.58	12.796		
15,900.00	7,321.00	7,564.29	7,382.94	228.65	36.30	-100.35	-5,661.15	-10,374.05	1,430.55	1,312.11	118.44	12.078		
16,000.00	7,321.00	7,562.12	7,380.77	231.04	36.29	-99.50	-5,661.11	-10,374.09	1,331.10	1,213.95	117.15	11.362		
16,100.00	7,321.00	7,559.97	7,378.63	233.45	36.29	-98.66	-5,661.07	-10,374.13	1,231.73	1,116.06	115.68	10.648		
16,200.00	7,321.00	7,557.85	7,376.51	235.86	36.29	-97.83	-5,661.02	-10,374.18	1,132.47	1,018.50	113.97	9.937		
16,300.00	7,321.00	7,555.76	7,374.42	238.28	36.28	-97.00	-5,660.98	-10,374.22	1,033.35	921.37	111.98	9.228		
16,400.00	7,321.00	7,553.69	7,372.35	240.71	36.28	-96.18	-5,660.94	-10,374.26	934.41	824.76	109.66	8.521		
16,500.00	7,321.00	7,551.65	7,370.31	243.15	36.27	-95.36	-5,660.90	-10,374.30	835.72	728.81	106.91	7.817		
16,600.00	7,321.00	7,549.63	7,368.29	245.59	36.27	-94.55	-5,660.86	-10,374.34	737.38	633.72	103.66	7.113		
16,700.00	7,321.00	7,547.63	7,366.29	248.05	36.26	-93.75	-5,660.82	-10,374.38	639.55	539.65	99.90	6.402		
16,800.00	7,321.00	7,545.66	7,364.32	250.50	36.26	-92.96	-5,660.79	-10,374.41	542.49	446.69	95.81	5.662		
16,900.00	7,321.00	7,543.71	7,362.37	252.97	36.25	-92.17	-5,660.75	-10,374.45	446.74	354.26	92.48	4.831		
17,000.00	7,321.00	7,541.78	7,360.44	255.44	36.25	-91.39	-5,660.71	-10,374.49	353.33	259.22	94.11	3.754		
17,100.00	7,321.00	7,539.87	7,358.53	257.91	36.25	-90.62	-5,660.68	-10,374.52	264.77	151.85	112.91	2.345		
17,200.00	7,321.00	7,537.98	7,356.65	260.39	36.24	-89.86	-5,660.64	-10,374.56	188.02	17.55	170.47	1.103 Level 2		
17,300.00	7,321.00	7,536.12	7,354.78	262.88	36.24	-89.10	-5,660.61	-10,374.59	143.52	-124.15	267.67	0.536 Level 1		
17,323.95	7,321.00	7,535.68	7,354.34	263.48	36.24	-88.92	-5,660.60	-10,374.60	141.54	-144.06	285.60	0.496 Level 1, CC, ES, SF		
17,400.00	7,321.00	7,534.28	7,352.94	265.37	36.23	-88.36	-5,660.57	-10,374.63	160.74	-136.47	297.21	0.541 Level 1		
17,500.00	7,321.00	7,532.45	7,351.12	267.87	36.23	-87.62	-5,660.54	-10,374.66	225.98	-35.32	261.30	0.865 Level 1		
17,600.00	7,321.00	7,530.65	7,349.32	270.37	36.23	-86.89	-5,660.50	-10,374.69	310.31	80.46	229.85	1.350 Level 3		
17,700.00	7,321.00	7,528.87	7,347.53	272.88	36.22	-86.17	-5,660.47	-10,374.73	401.89	192.58	209.30	1.920		
17,800.00	7,321.00	7,527.10	7,345.77	275.40	36.22	-85.46	-5,660.44	-10,374.76	496.71	301.04	195.68	2.538		
17,900.00	7,321.00	7,525.36	7,344.03	277.91	36.21	-84.75	-5,660.41	-10,374.79	593.24	407.05	186.18	3.186		
18,000.00	7,321.00	7,523.63	7,342.30	280.43	36.21	-84.06	-5,660.37	-10,374.82	690.75	511.48	179.26	3.853		
18,100.00	7,321.00	7,521.95	7,340.61	282.97	36.21	-84.22	-5,660.34	-10,374.85	788.66	614.92	173.74	4.539		
18,200.00	7,321.00	7,520.34	7,339.00	285.53	36.20	-84.60	-5,660.31	-10,374.88	886.41	717.76	168.65	5.256		
18,300.00	7,321.00	7,518.81	7,337.48	288.11	36.20	-84.98	-5,660.29	-10,374.91	983.94	820.07	163.86	6.005		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
18,400.00	7,321.00	7,517.36	7,336.03	290.70	36.20	-85.34	-5,660.26	-10,374.93	1,081.19	921.89	159.30	6.787		
18,500.00	7,321.00	7,515.99	7,334.65	293.30	36.19	-85.67	-5,660.24	-10,374.96	1,178.14	1,023.22	154.92	7.605		
18,600.00	7,321.00	7,514.67	7,333.34	295.90	36.19	-85.50	-5,660.21	-10,374.98	1,275.07	1,124.19	150.88	8.451		
18,700.00	7,321.00	7,513.36	7,332.03	298.50	36.19	-85.26	-5,660.19	-10,375.00	1,372.43	1,225.00	147.44	9.309		
18,800.00	7,321.00	7,512.07	7,330.74	301.11	36.19	-85.01	-5,660.17	-10,375.03	1,470.15	1,325.68	144.47	10.176		
18,900.00	7,321.00	7,510.79	7,329.46	303.72	36.18	-84.77	-5,660.14	-10,375.05	1,568.15	1,426.26	141.89	11.052		
19,000.00	7,321.00	7,509.52	7,328.19	306.32	36.18	-84.53	-5,660.12	-10,375.07	1,666.39	1,526.75	139.64	11.934		
19,100.00	7,321.00	7,508.26	7,326.93	308.93	36.18	-84.29	-5,660.10	-10,375.09	1,764.82	1,627.17	137.65	12.821		
19,200.00	7,321.00	7,507.01	7,325.68	311.54	36.17	-84.06	-5,660.08	-10,375.11	1,863.42	1,727.53	135.89	13.713		
19,300.00	7,321.00	7,505.77	7,324.45	314.16	36.17	-83.82	-5,660.06	-10,375.13	1,962.16	1,827.84	134.32	14.608		
19,400.00	7,321.00	7,504.55	7,323.22	316.77	36.17	-83.59	-5,660.03	-10,375.15	2,061.02	1,928.11	132.92	15.506		
19,500.00	7,321.00	7,503.33	7,322.01	319.38	36.17	-83.36	-5,660.01	-10,375.17	2,159.99	2,028.34	131.65	16.407		
19,600.00	7,321.00	7,502.13	7,320.80	322.00	36.16	-83.13	-5,659.99	-10,375.19	2,259.05	2,128.54	130.51	17.310		
19,700.00	7,321.00	7,500.93	7,319.61	324.61	36.16	-82.91	-5,659.97	-10,375.21	2,358.18	2,228.71	129.47	18.214		
19,800.00	7,321.00	7,499.73	7,318.40	327.23	36.16	-80.75	-5,659.95	-10,375.23	2,457.50	2,328.90	128.60	19.110		
19,900.00	7,321.00	7,498.48	7,317.15	329.85	36.16	-75.10	-5,659.93	-10,375.25	2,557.18	2,429.13	128.05	19.970		
20,000.00	7,321.00	7,497.18	7,315.86	332.46	36.15	-55.04	-5,659.91	-10,375.28	2,657.08	2,529.29	127.79	20.793		
20,100.00	7,321.00	7,495.84	7,314.52	335.06	36.15	40.00	-5,659.88	-10,375.30	2,757.06	2,629.28	127.79	21.576		
20,200.00	7,321.00	7,494.46	7,313.14	337.65	36.15	71.82	-5,659.86	-10,375.32	2,857.00	2,728.99	128.01	22.318		
20,300.00	7,321.00	7,493.05	7,311.73	340.22	36.14	75.52	-5,659.84	-10,375.34	2,956.83	2,828.42	128.41	23.027		
20,400.00	7,321.00	7,491.65	7,310.33	342.79	36.14	75.09	-5,659.81	-10,375.37	3,056.64	2,927.84	128.80	23.732		
20,500.00	7,321.00	7,482.00	7,300.68	345.37	36.12	72.21	-5,659.65	-10,375.52	3,156.49	3,027.42	129.07	24.456		
20,600.00	7,321.00	7,482.00	7,300.68	347.95	36.12	72.21	-5,659.65	-10,375.52	3,256.32	3,126.88	129.44	25.158		
20,700.00	7,321.00	7,482.00	7,300.68	350.53	36.12	72.21	-5,659.65	-10,375.52	3,356.16	3,226.38	129.78	25.860		
20,800.00	7,321.00	7,482.00	7,300.68	353.11	36.12	72.21	-5,659.65	-10,375.52	3,456.02	3,325.90	130.11	26.561		
20,900.00	7,321.00	7,482.00	7,300.68	355.70	36.12	72.21	-5,659.65	-10,375.52	3,555.88	3,425.45	130.43	27.263		
20,976.29	7,321.00	7,482.00	7,300.68	357.67	36.12	72.21	-5,659.65	-10,375.52	3,632.06	3,501.41	130.66	27.798		

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-01
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4922.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4922.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-01	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	
2,800.00	2,528.98	856.00	852.39	19.26	2.97	38.27	-5,679.22	-9,023.40	10,002.67	9,985.89	16.78	596.049	
2,900.00	2,596.24	856.00	852.39	20.59	2.97	38.27	-5,679.22	-9,023.40	9,953.47	9,935.86	17.61	565.241	
3,000.00	2,663.50	856.00	852.39	21.92	2.97	38.27	-5,679.22	-9,023.40	9,905.04	9,886.58	18.45	536.756	
3,100.00	2,730.76	856.00	852.39	23.25	2.97	38.27	-5,679.22	-9,023.40	9,857.38	9,838.07	19.31	510.400	
3,200.00	2,798.02	856.00	852.39	24.60	2.97	38.27	-5,679.22	-9,023.40	9,810.51	9,790.33	20.19	485.989	
3,300.00	2,865.28	911.06	906.30	25.94	3.23	38.42	-5,687.19	-9,031.24	9,763.73	9,742.45	21.28	458.764	
3,400.00	2,932.54	928.69	923.51	27.30	3.32	38.47	-5,689.93	-9,033.91	9,717.94	9,695.69	22.25	436.800	
3,500.00	2,999.80	981.00	974.41	28.65	3.57	38.61	-5,698.56	-9,042.31	9,673.10	9,649.74	23.35	414.209	
3,600.00	3,067.06	981.00	974.41	30.01	3.57	38.61	-5,698.56	-9,042.31	9,628.44	9,604.16	24.28	396.639	
3,700.00	3,134.32	981.00	974.41	31.37	3.57	38.61	-5,698.56	-9,042.31	9,584.61	9,559.40	25.21	380.232	
3,800.00	3,201.59	1,021.26	1,013.47	32.73	3.78	38.72	-5,705.59	-9,049.12	9,541.44	9,515.13	26.31	362.657	
3,900.00	3,268.85	1,058.55	1,049.59	34.09	3.97	38.82	-5,712.24	-9,055.55	9,498.81	9,471.40	27.40	346.644	
4,000.00	3,336.11	1,108.00	1,097.42	35.46	4.22	38.95	-5,721.27	-9,064.26	9,456.72	9,428.17	28.56	331.140	
4,100.00	3,403.37	1,198.46	1,184.84	36.83	4.71	39.19	-5,738.34	-9,080.06	9,414.96	9,385.07	29.89	314.998	
4,200.00	3,470.63	1,233.00	1,218.22	38.20	4.90	39.28	-5,745.01	-9,085.91	9,373.27	9,342.26	31.01	302.285	
4,300.00	3,537.89	1,294.05	1,277.16	39.57	5.23	39.44	-5,756.89	-9,096.48	9,331.96	9,299.71	32.24	289.410	
4,400.00	3,605.15	1,358.00	1,338.79	40.94	5.59	39.61	-5,769.32	-9,108.19	9,291.41	9,257.91	33.50	277.325	
4,500.00	3,672.41	1,358.00	1,338.79	42.31	5.59	39.61	-5,769.32	-9,108.19	9,251.24	9,216.73	34.51	268.064	
4,600.00	3,739.67	1,358.00	1,338.79	43.68	5.59	39.61	-5,769.32	-9,108.19	9,211.98	9,176.45	35.53	259.303	
4,700.00	3,806.93	1,358.00	1,338.79	45.06	5.59	39.61	-5,769.32	-9,108.19	9,173.64	9,137.10	36.55	251.007	
4,800.00	3,874.19	1,413.59	1,392.16	46.43	5.92	39.77	-5,780.14	-9,119.35	9,135.43	9,097.62	37.81	241.616	
4,900.00	3,941.46	1,431.18	1,408.99	47.81	6.02	39.82	-5,783.57	-9,123.16	9,098.37	9,059.45	38.92	233.770	
5,000.00	4,008.72	1,483.00	1,458.37	49.18	6.33	39.96	-5,793.72	-9,135.17	9,062.41	9,022.22	40.18	225.518	
5,100.00	4,075.98	1,483.00	1,458.37	50.56	6.33	39.96	-5,793.72	-9,135.17	9,026.69	8,985.46	41.23	218.913	
5,200.00	4,143.24	1,483.00	1,458.37	51.94	6.33	39.96	-5,793.72	-9,135.17	8,991.95	8,949.66	42.29	212.633	
5,300.00	4,210.50	1,483.00	1,458.37	53.31	6.33	39.96	-5,793.72	-9,135.17	8,958.19	8,914.85	43.35	206.659	
5,400.00	4,277.76	1,543.14	1,515.35	54.69	6.71	40.14	-5,805.90	-9,150.02	8,924.83	8,880.15	44.69	199.723	
5,500.00	4,345.02	1,608.00	1,576.48	56.07	7.12	40.32	-5,819.93	-9,166.56	8,892.55	8,846.50	46.05	193.098	
5,600.00	4,412.28	1,608.00	1,576.48	57.45	7.12	40.32	-5,819.93	-9,166.56	8,860.59	8,813.46	47.13	188.006	
5,700.00	4,479.54	1,608.00	1,576.48	58.83	7.12	40.32	-5,819.93	-9,166.56	8,829.64	8,781.43	48.21	183.149	
5,800.00	4,546.80	1,608.00	1,576.48	60.21	7.12	40.32	-5,819.93	-9,166.56	8,799.72	8,750.43	49.29	178.517	
5,900.00	4,614.07	1,608.00	1,576.48	61.59	7.12	40.32	-5,819.93	-9,166.56	8,770.84	8,720.46	50.38	174.095	
6,000.00	4,681.33	1,674.56	1,638.69	62.97	7.59	40.50	-5,835.15	-9,184.68	8,741.75	8,689.95	51.80	168.761	
6,100.00	4,748.59	1,733.00	1,692.73	64.35	7.99	40.67	-5,849.06	-9,202.03	8,714.69	8,661.50	53.19	163.851	
6,200.00	4,815.85	1,733.00	1,692.73	65.73	7.99	40.67	-5,849.06	-9,202.03	8,687.72	8,633.43	54.29	160.035	
6,300.00	4,883.11	1,733.00	1,692.73	67.11	7.99	40.67	-5,849.06	-9,202.03	8,661.82	8,606.43	55.39	156.387	
6,400.00	4,950.37	1,788.90	1,744.08	68.49	8.41	40.82	-5,863.09	-9,219.10	8,636.79	8,580.00	56.79	152.082	
6,500.00	5,017.63	1,858.00	1,807.33	69.87	8.93	41.00	-5,881.75	-9,239.73	8,612.08	8,553.82	58.27	147.806	
6,600.00	5,084.89	1,941.47	1,883.65	71.25	9.57	41.22	-5,904.61	-9,264.63	8,587.66	8,527.82	59.84	143.520	
6,700.00	5,152.15	2,065.77	1,997.53	72.63	10.53	41.56	-5,937.14	-9,302.36	8,563.45	8,501.81	61.65	138.916	
6,800.00	5,219.41	2,142.36	2,067.83	74.02	11.12	41.77	-5,956.99	-9,325.36	8,539.02	8,475.82	63.20	135.108	
6,900.00	5,286.67	2,186.53	2,108.32	75.40	11.46	41.89	-5,968.34	-9,338.89	8,515.19	8,450.61	64.59	131.841	
7,000.00	5,353.94	2,233.00	2,150.84	76.78	11.83	42.02	-5,980.21	-9,353.40	8,492.02	8,426.02	65.99	128.683	
7,100.00	5,421.20	2,531.37	2,425.59	78.16	14.13	42.88	-6,052.31	-9,444.61	8,467.64	8,398.81	68.83	123.014	
7,200.00	5,488.46	2,568.03	2,459.32	79.55	14.41	42.98	-6,061.96	-9,455.24	8,443.13	8,372.92	70.21	120.248	
7,300.00	5,555.72	2,607.00	2,495.03	80.93	14.71	43.09	-6,072.64	-9,466.63	8,419.35	8,347.74	71.61	117.572	
7,400.00	5,622.98	2,607.00	2,495.03	82.31	14.71	43.09	-6,072.64	-9,466.63	8,396.47	8,323.69	72.79	115.358	
7,500.00	5,690.24	2,678.68	2,560.42	83.69	15.29	43.28	-6,092.67	-9,488.10	8,373.98	8,299.58	74.39	112.567	
7,600.00	5,757.50	2,732.00	2,608.86	85.08	15.73	43.43	-6,107.59	-9,504.63	8,352.44	8,276.54	75.89	110.054	
7,700.00	5,824.76	2,732.00	2,608.86	86.46	15.73	43.43	-6,107.59	-9,504.63	8,331.63	8,254.55	77.08	108.097	
7,800.00	5,892.02	2,789.96	2,661.29	87.84	16.21	43.58	-6,124.04	-9,523.06	8,311.48	8,232.85	78.62	105.714	
7,900.00	5,959.28	2,889.78	2,751.17	89.23	17.06	43.85	-6,153.04	-9,555.37	8,292.20	8,211.76	80.44	103.083	

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
8,000.00	6,026.55	3,032.63	2,880.39	90.61	18.25	44.24	-6,193.52	-9,600.87	8,272.33	8,189.78	82.54	100.216		
8,100.00	6,093.81	3,107.00	2,947.84	91.99	18.87	44.46	-6,213.37	-9,625.09	8,252.73	8,168.51	84.23	97.982		
8,200.00	6,161.07	3,562.82	3,364.75	93.38	22.55	45.77	-6,334.66	-9,763.26	8,231.90	8,143.63	88.27	93.255		
8,300.00	6,228.33	3,681.18	3,473.76	94.76	23.46	46.10	-6,367.27	-9,795.86	8,208.43	8,118.18	90.24	90.959		
8,400.00	6,295.59	3,831.08	3,612.54	96.14	24.61	46.53	-6,406.52	-9,836.69	8,184.34	8,091.93	92.41	88.567		
8,500.00	6,362.85	3,857.00	3,636.60	97.53	24.80	46.61	-6,413.03	-9,843.79	8,160.60	8,066.74	93.86	86.946		
8,600.00	6,430.11	3,920.81	3,695.65	98.91	25.30	46.80	-6,429.57	-9,861.44	8,137.39	8,041.85	95.54	85.170		
8,700.00	6,497.37	3,982.00	3,751.87	100.29	25.77	46.98	-6,446.50	-9,878.64	8,115.10	8,017.89	97.21	83.477		
8,800.00	6,564.63	3,982.00	3,751.87	101.68	25.77	46.98	-6,446.50	-9,878.64	8,093.44	7,994.93	98.51	82.155		
8,900.00	6,631.89	4,049.31	3,813.35	103.06	26.32	47.16	-6,466.04	-9,897.86	8,072.43	7,972.18	100.25	80.526		
9,000.00	6,699.15	4,106.00	3,864.89	104.45	26.78	47.32	-6,483.04	-9,914.25	8,052.13	7,950.22	101.91	79.010		
9,100.00	6,766.42	4,152.30	3,906.81	105.83	27.17	47.44	-6,497.32	-9,927.75	8,032.43	7,928.90	103.52	77.590		
9,200.00	6,833.68	4,293.17	4,034.15	107.22	28.35	47.82	-6,541.55	-9,968.64	8,013.09	7,907.32	105.77	75.763		
9,300.00	6,900.94	7,105.00	6,741.36	108.60	42.66	59.01	-6,915.83	-10,426.52	7,977.25	7,859.33	117.92	67.648		
9,400.00	6,968.20	7,165.77	6,802.11	109.98	42.80	59.33	-6,915.44	-10,428.17	7,930.97	7,811.26	119.72	66.247		
9,500.00	7,035.46	7,230.08	6,866.40	111.37	42.94	59.66	-6,915.11	-10,429.93	7,885.15	7,763.62	121.53	64.882		
9,600.00	7,101.31	7,314.04	6,950.33	112.79	43.14	53.10	-6,914.97	-10,432.09	7,835.29	7,711.96	123.34	63.528		
9,700.00	7,161.49	7,403.98	7,040.25	114.30	43.35	45.28	-6,915.44	-10,434.03	7,771.97	7,647.00	124.97	62.192		
9,800.00	7,214.06	7,504.99	7,141.23	115.85	43.59	38.08	-6,916.98	-10,435.51	7,696.42	7,570.08	126.34	60.916		
9,900.00	7,257.41	7,625.15	7,261.38	117.39	43.87	30.39	-6,918.31	-10,436.36	7,610.72	7,483.31	127.41	59.734		
10,000.00	7,290.24	7,663.84	7,300.07	118.87	43.94	17.80	-6,918.24	-10,436.54	7,517.66	7,389.65	128.01	58.726		
10,100.00	7,311.53	7,694.91	7,331.13	120.23	44.01	-14.28	-6,917.98	-10,436.68	7,420.17	7,291.97	128.20	57.878		
10,200.00	7,320.66	7,708.45	7,344.68	121.43	44.03	-79.49	-6,917.81	-10,436.74	7,321.25	7,193.30	127.95	57.218		
10,300.00	7,321.00	7,709.55	7,345.78	122.51	44.04	-89.58	-6,917.79	-10,436.74	7,223.06	7,095.67	127.39	56.702		
10,400.00	7,321.00	7,710.17	7,346.40	123.62	44.04	-89.61	-6,917.78	-10,436.74	7,124.98	6,998.18	126.79	56.193		
10,500.00	7,321.00	7,710.79	7,347.02	124.77	44.04	-89.63	-6,917.77	-10,436.75	7,026.95	6,900.76	126.19	55.686		
10,600.00	7,321.00	7,711.41	7,347.64	125.95	44.04	-89.66	-6,917.76	-10,436.75	6,928.98	6,803.42	125.57	55.182		
10,700.00	7,321.00	7,712.03	7,348.26	127.17	44.04	-89.68	-6,917.76	-10,436.75	6,831.07	6,706.14	124.93	54.679		
10,800.00	7,321.00	7,712.65	7,348.88	128.43	44.04	-89.71	-6,917.75	-10,436.76	6,733.22	6,608.94	124.28	54.180		
10,900.00	7,321.00	7,713.27	7,349.50	129.72	44.04	-89.73	-6,917.74	-10,436.76	6,635.43	6,511.83	123.61	53.682		
11,000.00	7,321.00	7,713.89	7,350.12	131.05	44.05	-89.76	-6,917.73	-10,436.76	6,537.71	6,414.80	122.92	53.188		
11,100.00	7,321.00	7,714.51	7,350.73	132.41	44.05	-89.78	-6,917.72	-10,436.76	6,440.07	6,317.85	122.21	52.695		
11,200.00	7,321.00	7,715.13	7,351.35	133.81	44.05	-89.81	-6,917.71	-10,436.77	6,342.49	6,221.00	121.49	52.206		
11,300.00	7,321.00	7,715.75	7,351.97	135.25	44.05	-89.83	-6,917.70	-10,436.77	6,244.99	6,124.24	120.75	51.720		
11,400.00	7,321.00	7,716.36	7,352.59	136.72	44.05	-89.86	-6,917.69	-10,436.77	6,147.57	6,027.59	119.98	51.236		
11,500.00	7,321.00	7,716.98	7,353.21	138.22	44.05	-89.89	-6,917.68	-10,436.77	6,050.24	5,931.03	119.20	50.756		
11,600.00	7,321.00	7,717.60	7,353.82	139.76	44.05	-89.91	-6,917.67	-10,436.78	5,952.99	5,834.59	118.40	50.279		
11,700.00	7,321.00	7,718.22	7,354.44	141.34	44.05	-89.94	-6,917.66	-10,436.78	5,855.83	5,738.26	117.58	49.805		
11,800.00	7,321.00	7,718.83	7,355.06	142.94	44.06	-89.96	-6,917.65	-10,436.78	5,758.78	5,642.05	116.73	49.334		
11,900.00	7,321.00	7,719.45	7,355.68	144.58	44.06	-89.99	-6,917.64	-10,436.78	5,661.82	5,545.96	115.86	48.867		
12,000.00	7,321.00	7,720.07	7,356.29	146.25	44.06	-90.01	-6,917.63	-10,436.79	5,564.98	5,450.01	114.97	48.403		
12,100.00	7,321.00	7,720.68	7,356.91	147.95	44.06	-90.04	-6,917.62	-10,436.79	5,468.24	5,354.19	114.06	47.943		
12,200.00	7,321.00	7,721.30	7,357.53	149.67	44.06	-90.06	-6,917.61	-10,436.79	5,371.63	5,258.51	113.12	47.486		
12,300.00	7,321.00	7,721.92	7,358.14	151.43	44.06	-90.09	-6,917.60	-10,436.80	5,275.14	5,162.99	112.16	47.033		
12,400.00	7,321.00	7,722.53	7,358.76	153.22	44.06	-90.11	-6,917.58	-10,436.80	5,178.79	5,067.62	111.17	46.584		
12,500.00	7,321.00	7,723.15	7,359.37	155.04	44.06	-90.14	-6,917.57	-10,436.80	5,082.58	4,972.41	110.16	46.137		
12,600.00	7,321.00	7,723.76	7,359.99	156.88	44.07	-90.16	-6,917.56	-10,436.80	4,986.51	4,877.39	109.13	45.695		
12,700.00	7,321.00	7,724.38	7,360.60	158.75	44.07	-90.19	-6,917.55	-10,436.81	4,890.61	4,782.54	108.07	45.255		
12,800.00	7,321.00	7,724.99	7,361.22	160.65	44.07	-90.21	-6,917.54	-10,436.81	4,794.87	4,687.88	106.99	44.818		
12,900.00	7,321.00	7,725.61	7,361.83	162.57	44.07	-90.24	-6,917.53	-10,436.81	4,699.30	4,593.42	105.88	44.383		
13,000.00	7,321.00	7,726.22	7,362.45	164.51	44.07	-90.26	-6,917.52	-10,436.81	4,603.93	4,499.18	104.76	43.949		
13,100.00	7,321.00	7,726.84	7,363.06	166.48	44.07	-90.29	-6,917.51	-10,436.82	4,508.76	4,405.15	103.61	43.517		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
13,200.00	7,321.00	7,727.45	7,363.68	168.48	44.07	-90.31	-6,917.50	-10,436.82	4,413.80	4,311.35	102.45	43.084		
13,300.00	7,321.00	7,728.07	7,364.29	170.49	44.07	-90.34	-6,917.49	-10,436.82	4,319.07	4,217.80	101.27	42.650		
13,400.00	7,321.00	7,728.68	7,364.90	172.52	44.08	-90.36	-6,917.47	-10,436.82	4,224.58	4,124.50	100.08	42.213		
13,500.00	7,321.00	7,729.29	7,365.52	174.58	44.08	-90.39	-6,917.46	-10,436.83	4,130.35	4,031.46	98.88	41.770		
13,600.00	7,321.00	7,729.91	7,366.13	176.66	44.08	-90.42	-6,917.45	-10,436.83	4,036.39	3,938.71	97.69	41.319		
13,700.00	7,321.00	7,730.52	7,366.74	178.75	44.08	-90.44	-6,917.44	-10,436.83	3,942.74	3,846.24	96.50	40.857		
13,800.00	7,321.00	7,731.13	7,367.35	180.87	44.08	-90.47	-6,917.43	-10,436.84	3,849.40	3,754.07	95.33	40.379		
13,900.00	7,321.00	7,731.74	7,367.97	183.00	44.08	-90.49	-6,917.42	-10,436.84	3,756.41	3,662.22	94.19	39.881		
14,000.00	7,321.00	7,732.36	7,368.58	185.15	44.08	-90.52	-6,917.40	-10,436.84	3,663.79	3,570.69	93.10	39.355		
14,100.00	7,321.00	7,732.97	7,369.19	187.32	44.08	-90.54	-6,917.39	-10,436.84	3,571.56	3,479.50	92.06	38.796		
14,200.00	7,321.00	7,733.58	7,369.80	189.50	44.09	-90.57	-6,917.38	-10,436.85	3,479.76	3,388.66	91.11	38.193		
14,300.00	7,321.00	7,734.19	7,370.41	191.70	44.09	-90.59	-6,917.37	-10,436.85	3,388.43	3,298.17	90.27	37.538		
14,400.00	7,321.00	7,734.80	7,371.03	193.92	44.09	-90.62	-6,917.36	-10,436.85	3,297.60	3,208.04	89.56	36.820		
14,500.00	7,321.00	7,735.41	7,371.64	196.15	44.09	-90.64	-6,917.34	-10,436.85	3,207.32	3,118.29	89.03	36.026		
14,600.00	7,321.00	7,736.03	7,372.25	198.39	44.09	-90.67	-6,917.33	-10,436.86	3,117.63	3,028.92	88.71	35.145		
14,700.00	7,321.00	7,736.64	7,372.86	200.65	44.09	-90.69	-6,917.32	-10,436.86	3,028.58	2,939.94	88.64	34.166		
14,800.00	7,321.00	7,737.25	7,373.47	202.92	44.09	-90.72	-6,917.31	-10,436.86	2,940.24	2,851.36	88.88	33.080		
14,900.00	7,321.00	7,737.86	7,374.08	205.20	44.09	-90.74	-6,917.29	-10,436.86	2,852.67	2,763.19	89.48	31.882		
15,000.00	7,321.00	7,738.47	7,374.69	207.50	44.10	-90.77	-6,917.28	-10,436.87	2,765.94	2,675.46	90.48	30.570		
15,100.00	7,321.00	7,739.08	7,375.30	209.80	44.10	-90.79	-6,917.27	-10,436.87	2,680.14	2,588.20	91.94	29.150		
15,200.00	7,321.00	7,739.69	7,375.91	212.12	44.10	-90.82	-6,917.26	-10,436.87	2,595.35	2,501.44	93.92	27.635		
15,300.00	7,321.00	7,740.30	7,376.52	214.45	44.10	-90.84	-6,917.24	-10,436.87	2,511.69	2,415.24	96.45	26.042		
15,400.00	7,321.00	7,740.91	7,377.13	216.79	44.10	-90.87	-6,917.23	-10,436.88	2,429.25	2,329.67	99.58	24.395		
15,500.00	7,321.00	7,741.52	7,377.74	219.15	44.10	-90.89	-6,917.22	-10,436.88	2,348.19	2,244.83	103.35	22.720		
15,600.00	7,321.00	7,742.12	7,378.35	221.51	44.10	-90.92	-6,917.20	-10,436.88	2,268.63	2,160.83	107.80	21.045		
15,700.00	7,321.00	7,742.73	7,378.95	223.88	44.11	-90.94	-6,917.19	-10,436.89	2,190.75	2,077.80	112.95	19.396		
15,800.00	7,321.00	7,743.34	7,379.56	226.26	44.11	-90.97	-6,917.18	-10,436.89	2,114.73	1,995.90	118.83	17.797		
15,900.00	7,321.00	7,743.95	7,380.17	228.65	44.11	-90.99	-6,917.17	-10,436.89	2,040.78	1,915.33	125.45	16.267		
16,000.00	7,321.00	7,744.56	7,380.78	231.04	44.11	-91.02	-6,917.15	-10,436.89	1,969.13	1,836.28	132.85	14.822		
16,100.00	7,321.00	7,745.17	7,381.39	233.45	44.11	-91.04	-6,917.14	-10,436.90	1,900.05	1,759.02	141.03	13.473		
16,200.00	7,321.00	7,745.77	7,381.99	235.86	44.11	-91.07	-6,917.13	-10,436.90	1,833.82	1,683.83	149.99	12.226		
16,300.00	7,321.00	7,746.38	7,382.60	238.28	44.11	-91.09	-6,917.11	-10,436.90	1,770.76	1,611.04	159.72	11.086		
16,400.00	7,321.00	7,746.99	7,383.21	240.71	44.11	-91.11	-6,917.10	-10,436.90	1,711.23	1,541.02	170.21	10.054		
16,500.00	7,321.00	7,747.59	7,383.81	243.15	44.12	-91.14	-6,917.08	-10,436.91	1,655.60	1,474.20	181.39	9.127		
16,600.00	7,321.00	7,748.20	7,384.42	245.59	44.12	-91.16	-6,917.07	-10,436.91	1,604.27	1,411.07	193.21	8.303		
16,700.00	7,321.00	7,748.81	7,385.03	248.05	44.12	-91.19	-6,917.06	-10,436.91	1,557.69	1,352.15	205.54	7.579		
16,800.00	7,321.00	7,749.41	7,385.63	250.50	44.12	-91.21	-6,917.04	-10,436.91	1,516.28	1,298.04	218.23	6.948		
16,900.00	7,321.00	7,750.02	7,386.24	252.97	44.12	-91.24	-6,917.03	-10,436.92	1,480.47	1,249.36	231.11	6.406		
17,000.00	7,321.00	7,750.63	7,386.85	255.44	44.12	-91.26	-6,917.01	-10,436.92	1,450.69	1,206.74	243.95	5.947		
17,100.00	7,321.00	7,751.23	7,387.45	257.91	44.12	-91.29	-6,917.00	-10,436.92	1,427.30	1,170.82	256.48	5.565		
17,200.00	7,321.00	7,751.84	7,388.06	260.39	44.12	-91.31	-6,916.99	-10,436.92	1,410.63	1,142.18	268.46	5.255		
17,300.00	7,321.00	7,752.44	7,388.66	262.88	44.13	-91.34	-6,916.97	-10,436.93	1,400.92	1,121.32	279.60	5.010		
17,386.52	7,321.00	7,752.97	7,389.18	265.04	44.13	-91.36	-6,916.96	-10,436.93	1,398.25	1,109.85	288.40	4.848 CC		
17,400.00	7,321.00	7,753.05	7,389.27	265.37	44.13	-91.36	-6,916.96	-10,436.93	1,398.31	1,108.63	289.69	4.827		
17,500.00	7,321.00	7,753.65	7,389.87	267.87	44.13	-91.39	-6,916.94	-10,436.93	1,402.84	1,104.33	298.52	4.699 ES		
17,600.00	7,321.00	7,754.26	7,390.47	270.37	44.13	-91.41	-6,916.93	-10,436.93	1,414.45	1,108.48	305.97	4.623		
17,700.00	7,321.00	7,754.86	7,391.08	272.88	44.13	-91.44	-6,916.91	-10,436.94	1,432.96	1,120.97	311.99	4.593 SF		
17,800.00	7,321.00	7,746.79	7,383.01	275.40	44.11	-91.11	-6,917.14	-10,436.91	1,458.16	1,141.50	316.65	4.605		
17,900.00	7,321.00	7,747.24	7,383.46	277.91	44.11	-91.13	-6,917.13	-10,436.91	1,489.60	1,169.73	319.87	4.657		
18,000.00	7,321.00	7,747.68	7,383.90	280.43	44.11	-91.14	-6,917.13	-10,436.91	1,526.96	1,205.12	321.84	4.744		
18,100.00	7,321.00	7,748.11	7,384.33	282.97	44.11	-91.15	-6,917.12	-10,436.91	1,568.80	1,246.10	322.71	4.861		
18,200.00	7,321.00	7,748.49	7,384.71	285.53	44.12	-91.14	-6,917.11	-10,436.91	1,612.75	1,290.16	322.59	4.999		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
18,300.00	7,321.00	7,748.80	7,385.02	288.11	44.12	-91.13	-6,917.11	-10,436.92	1,658.53	1,336.93	321.61	5.157		
18,400.00	7,321.00	7,749.05	7,385.27	290.70	44.12	-91.12	-6,917.10	-10,436.92	1,705.95	1,386.10	319.84	5.334		
18,500.00	7,321.00	7,749.24	7,385.46	293.30	44.12	-91.11	-6,917.10	-10,436.92	1,754.80	1,437.41	317.39	5.529		
18,600.00	7,321.00	7,749.40	7,385.62	295.90	44.12	-91.11	-6,917.10	-10,436.92	1,806.04	1,491.67	314.37	5.745		
18,700.00	7,321.00	7,749.56	7,385.78	298.50	44.12	-91.12	-6,917.09	-10,436.92	1,861.21	1,550.29	310.92	5.986		
18,800.00	7,321.00	7,749.71	7,385.93	301.11	44.12	-91.12	-6,917.09	-10,436.92	1,920.01	1,612.85	307.16	6.251		
18,900.00	7,321.00	7,749.87	7,386.09	303.72	44.12	-91.13	-6,917.09	-10,436.92	1,982.11	1,678.94	303.17	6.538		
19,000.00	7,321.00	7,750.03	7,386.25	306.32	44.12	-91.13	-6,917.08	-10,436.92	2,047.22	1,748.17	299.05	6.846		
19,100.00	7,321.00	7,750.19	7,386.41	308.93	44.12	-91.14	-6,917.08	-10,436.92	2,115.05	1,820.21	294.84	7.173		
19,200.00	7,321.00	7,750.34	7,386.56	311.54	44.12	-91.15	-6,917.08	-10,436.92	2,185.35	1,894.74	290.62	7.520		
19,300.00	7,321.00	7,750.51	7,386.73	314.16	44.12	-91.15	-6,917.08	-10,436.92	2,257.90	1,971.49	286.41	7.883		
19,400.00	7,321.00	7,750.67	7,386.89	316.77	44.12	-91.16	-6,917.07	-10,436.92	2,332.47	2,050.22	282.25	8.264		
19,500.00	7,321.00	7,750.83	7,387.05	319.38	44.12	-91.16	-6,917.07	-10,436.92	2,408.89	2,130.71	278.18	8.660		
19,600.00	7,321.00	7,750.99	7,387.21	322.00	44.12	-91.17	-6,917.07	-10,436.93	2,486.98	2,212.79	274.20	9.070		
19,700.00	7,321.00	7,751.16	7,387.38	324.61	44.12	-91.18	-6,917.06	-10,436.93	2,566.60	2,296.27	270.33	9.494		
19,800.00	7,321.00	7,751.34	7,387.56	327.23	44.12	-91.23	-6,917.06	-10,436.93	2,648.17	2,381.53	266.63	9.932		
19,900.00	7,321.00	7,751.59	7,387.81	329.85	44.12	-91.31	-6,917.06	-10,436.93	2,732.78	2,469.53	263.25	10.381		
20,000.00	7,321.00	7,751.90	7,388.12	332.46	44.12	-91.41	-6,917.05	-10,436.93	2,820.13	2,559.94	260.19	10.839		
20,100.00	7,321.00	7,752.27	7,388.49	335.06	44.12	-91.53	-6,917.04	-10,436.93	2,909.86	2,652.41	257.45	11.303		
20,200.00	7,321.00	7,752.71	7,388.93	337.65	44.12	-91.68	-6,917.04	-10,436.93	3,001.65	2,746.63	255.03	11.770		
20,300.00	7,321.00	7,753.21	7,389.43	340.22	44.12	-91.77	-6,917.03	-10,436.94	3,095.02	2,842.14	252.88	12.239		
20,400.00	7,321.00	7,753.71	7,389.93	342.79	44.13	-91.80	-6,917.02	-10,436.94	3,188.89	2,938.04	250.85	12.712		
20,500.00	7,321.00	7,754.22	7,390.44	345.37	44.13	-91.82	-6,917.01	-10,436.94	3,283.12	3,034.21	248.91	13.190		
20,600.00	7,321.00	7,754.72	7,390.94	347.95	44.13	-91.85	-6,917.00	-10,436.94	3,377.69	3,130.62	247.07	13.671		
20,700.00	7,321.00	7,755.23	7,391.45	350.53	44.13	-91.88	-6,916.99	-10,436.95	3,472.56	3,227.25	245.31	14.156		
20,800.00	7,321.00	7,755.74	7,391.96	353.11	44.13	-91.90	-6,916.98	-10,436.95	3,567.71	3,324.07	243.63	14.644		
20,900.00	7,321.00	7,756.25	7,392.47	355.70	44.13	-91.93	-6,916.97	-10,436.95	3,663.12	3,421.09	242.03	15.135		
20,976.29	7,321.00	7,756.65	7,392.87	357.67	44.13	-91.95	-6,916.97	-10,436.95	3,736.06	3,495.20	240.86	15.512		

Civitas Resources  
Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MAVERICK 2W-20-01
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4922.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4922.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-01	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: 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		
5,900.00	4,614.07	17,476.00	7,264.97	61.59	281.41	76.43	-4,360.75	-11,110.42	10,088.74	9,990.58	98.16	102.782		
6,000.00	4,681.33	17,476.00	7,264.97	62.97	281.41	76.43	-4,360.75	-11,110.42	10,028.97	9,930.85	98.13	102.202		
6,100.00	4,748.59	17,476.00	7,264.97	64.35	281.41	76.43	-4,360.75	-11,110.42	9,969.86	9,871.75	98.11	101.616		
6,200.00	4,815.85	17,476.00	7,264.97	65.73	281.41	76.43	-4,360.75	-11,110.42	9,911.40	9,813.29	98.11	101.021		
6,300.00	4,883.11	17,476.00	7,264.97	67.11	281.41	76.43	-4,360.75	-11,110.42	9,853.61	9,755.48	98.13	100.415		
6,400.00	4,950.37	17,476.00	7,264.97	68.49	281.41	76.43	-4,360.75	-11,110.42	9,796.50	9,698.33	98.17	99.796		
6,500.00	5,017.63	17,476.00	7,264.97	69.87	281.41	76.43	-4,360.75	-11,110.42	9,740.08	9,641.85	98.22	99.161		
6,600.00	5,084.89	17,476.00	7,264.97	71.25	281.41	76.43	-4,360.75	-11,110.42	9,684.36	9,586.05	98.31	98.506		
6,700.00	5,152.15	17,476.00	7,264.97	72.63	281.41	76.43	-4,360.75	-11,110.42	9,629.36	9,530.93	98.43	97.829		
6,800.00	5,219.41	17,476.00	7,264.97	74.02	281.41	76.43	-4,360.75	-11,110.42	9,575.09	9,476.51	98.59	97.123		
6,900.00	5,286.67	17,476.00	7,264.97	75.40	281.41	76.43	-4,360.75	-11,110.42	9,521.56	9,422.78	98.79	96.386		
7,000.00	5,353.94	17,476.00	7,264.97	76.78	281.41	76.43	-4,360.75	-11,110.42	9,468.79	9,369.75	99.03	95.611		
7,100.00	5,421.20	17,476.00	7,264.97	78.16	281.41	76.43	-4,360.75	-11,110.42	9,416.78	9,317.43	99.34	94.792		
7,200.00	5,488.46	17,476.00	7,264.97	79.55	281.41	76.43	-4,360.75	-11,110.42	9,365.54	9,265.83	99.72	93.923		
7,300.00	5,555.72	17,476.00	7,264.97	80.93	281.41	76.43	-4,360.75	-11,110.42	9,315.10	9,214.94	100.17	92.996		
7,400.00	5,622.98	17,476.00	7,264.97	82.31	281.41	76.43	-4,360.75	-11,110.42	9,265.47	9,164.76	100.71	92.006		
7,500.00	5,690.24	17,476.00	7,264.97	83.69	281.41	76.43	-4,360.75	-11,110.42	9,216.65	9,115.31	101.34	90.944		
7,600.00	5,757.50	17,476.00	7,264.97	85.08	281.41	76.43	-4,360.75	-11,110.42	9,168.67	9,066.57	102.10	89.804		
7,700.00	5,824.76	17,476.00	7,264.97	86.46	281.41	76.43	-4,360.75	-11,110.42	9,121.52	9,018.55	102.98	88.579		
7,800.00	5,892.02	17,476.00	7,264.97	87.84	281.41	76.43	-4,360.75	-11,110.42	9,075.24	8,971.24	104.00	87.265		
7,900.00	5,959.28	17,476.00	7,264.97	89.23	281.41	76.43	-4,360.75	-11,110.42	9,029.82	8,924.66	105.17	85.860		
8,000.00	6,026.55	17,476.00	7,264.97	90.61	281.41	76.43	-4,360.75	-11,110.42	8,985.29	8,878.79	106.51	84.364		
8,100.00	6,093.81	17,476.00	7,264.97	91.99	281.41	76.43	-4,360.75	-11,110.42	8,941.66	8,833.64	108.02	82.779		
8,200.00	6,161.07	17,476.00	7,264.97	93.38	281.41	76.43	-4,360.75	-11,110.42	8,898.93	8,789.22	109.71	81.114		
8,300.00	6,228.33	17,476.00	7,264.97	94.76	281.41	76.43	-4,360.75	-11,110.42	8,857.13	8,745.55	111.58	79.377		
8,400.00	6,295.59	17,476.00	7,264.97	96.14	281.41	76.43	-4,360.75	-11,110.42	8,816.26	8,702.62	113.64	77.581		
8,500.00	6,362.85	17,476.00	7,264.97	97.53	281.41	76.43	-4,360.75	-11,110.42	8,776.35	8,660.47	115.87	75.741		
8,600.00	6,430.11	17,476.00	7,264.97	98.91	281.41	76.43	-4,360.75	-11,110.42	8,737.39	8,619.12	118.28	73.873		
8,700.00	6,497.37	17,476.00	7,264.97	100.29	281.41	76.43	-4,360.75	-11,110.42	8,699.41	8,578.57	120.84	71.990		
8,800.00	6,564.63	17,476.00	7,264.97	101.68	281.41	76.43	-4,360.75	-11,110.42	8,662.42	8,538.86	123.56	70.109		
8,900.00	6,631.89	17,476.00	7,264.97	103.06	281.41	76.43	-4,360.75	-11,110.42	8,626.43	8,500.02	126.41	68.242		
9,000.00	6,699.15	17,476.00	7,264.97	104.45	281.41	76.43	-4,360.75	-11,110.42	8,591.45	8,462.07	129.39	66.401		
9,100.00	6,766.42	17,476.00	7,264.97	105.83	281.41	76.43	-4,360.75	-11,110.42	8,557.50	8,425.02	132.48	64.595		
9,200.00	6,833.68	17,476.00	7,264.97	107.22	281.41	76.43	-4,360.75	-11,110.42	8,524.59	8,388.91	135.67	62.832		
9,300.00	6,900.94	17,476.00	7,264.97	108.60	281.41	76.43	-4,360.75	-11,110.42	8,492.72	8,353.76	138.96	61.117		
9,400.00	6,968.20	17,476.00	7,264.97	109.98	281.41	76.43	-4,360.75	-11,110.42	8,461.92	8,319.59	142.33	59.454		
9,500.00	7,035.46	17,476.00	7,264.97	111.37	281.41	76.43	-4,360.75	-11,110.42	8,432.19	8,286.43	145.77	57.848		
9,600.00	7,101.31	17,476.00	7,264.97	112.79	281.41	70.59	-4,360.75	-11,110.42	8,398.72	8,249.48	149.24	56.275		
9,700.00	7,161.49	17,476.00	7,264.97	114.30	281.41	64.59	-4,360.75	-11,110.42	8,350.87	8,198.23	152.64	54.709		
9,800.00	7,214.06	17,476.00	7,264.97	115.85	281.41	60.47	-4,360.75	-11,110.42	8,289.40	8,133.56	155.84	53.193		
9,900.00	7,257.41	17,476.00	7,264.97	117.39	281.41	58.32	-4,360.75	-11,110.42	8,215.89	8,057.18	158.71	51.767		
10,000.00	7,290.24	17,476.00	7,264.97	118.87	281.41	58.57	-4,360.75	-11,110.42	8,132.28	7,971.13	161.15	50.463		
10,100.00	7,311.53	17,476.00	7,264.97	120.23	281.41	62.89	-4,360.75	-11,110.42	8,040.85	7,877.78	163.07	49.310		
10,200.00	7,320.66	17,476.00	7,264.97	121.43	281.41	79.43	-4,360.75	-11,110.42	7,944.14	7,779.77	164.37	48.330		
10,300.00	7,321.00	17,476.00	7,264.97	122.51	281.41	88.52	-4,360.75	-11,110.42	7,845.28	7,680.07	165.22	47.485		
10,400.00	7,321.00	17,476.00	7,264.97	123.62	281.41	88.52	-4,360.75	-11,110.42	7,746.39	7,580.33	166.06	46.648		
10,500.00	7,321.00	17,476.00	7,264.97	124.77	281.41	88.52	-4,360.75	-11,110.42	7,647.53	7,480.60	166.93	45.813		
10,600.00	7,321.00	17,476.00	7,264.97	125.95	281.41	88.52	-4,360.75	-11,110.42	7,548.70	7,380.88	167.82	44.980		
10,700.00	7,321.00	17,476.00	7,264.97	127.17	281.41	88.52	-4,360.75	-11,110.42	7,449.91	7,281.16	168.74	44.150		
10,800.00	7,321.00	17,476.00	7,264.97	128.43	281.41	88.52	-4,360.75	-11,110.42	7,351.14	7,181.45	169.69	43.322		
10,900.00	7,321.00	17,476.00	7,264.97	129.72	281.41	88.52	-4,360.75	-11,110.42	7,252.41	7,081.75	170.66	42.496		
11,000.00	7,321.00	17,476.00	7,264.97	131.05	281.41	88.52	-4,360.75	-11,110.42	7,153.71	6,982.05	171.66	41.673		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,100.00	7,321.00	17,476.00	7,264.97	132.41	281.41	88.52	-4,360.75	-11,110.42	7,055.05	6,882.36	172.69	40.853		
11,200.00	7,321.00	17,476.00	7,264.97	133.81	281.41	88.52	-4,360.75	-11,110.42	6,956.43	6,782.67	173.75	40.036		
11,300.00	7,321.00	17,476.00	7,264.97	135.25	281.41	88.52	-4,360.75	-11,110.42	6,857.85	6,683.00	174.85	39.222		
11,400.00	7,321.00	17,476.00	7,264.97	136.72	281.41	88.52	-4,360.75	-11,110.42	6,759.31	6,583.33	175.98	38.410		
11,500.00	7,321.00	17,476.00	7,264.97	138.22	281.41	88.52	-4,360.75	-11,110.42	6,660.81	6,483.67	177.14	37.602		
11,600.00	7,321.00	17,476.00	7,264.97	139.76	281.41	88.52	-4,360.75	-11,110.42	6,562.36	6,384.02	178.34	36.797		
11,700.00	7,321.00	17,476.00	7,264.97	141.34	281.41	88.52	-4,360.75	-11,110.42	6,463.95	6,284.37	179.58	35.995		
11,800.00	7,321.00	17,476.00	7,264.97	142.94	281.41	88.52	-4,360.75	-11,110.42	6,365.60	6,184.74	180.86	35.197		
11,900.00	7,321.00	17,476.00	7,264.97	144.58	281.41	88.52	-4,360.75	-11,110.42	6,267.30	6,085.12	182.18	34.402		
12,000.00	7,321.00	17,476.00	7,264.97	146.25	281.41	88.52	-4,360.75	-11,110.42	6,169.05	5,985.50	183.54	33.611		
12,100.00	7,321.00	17,476.00	7,264.97	147.95	281.41	88.52	-4,360.75	-11,110.42	6,070.86	5,885.90	184.96	32.823		
12,200.00	7,321.00	17,476.00	7,264.97	149.67	281.41	88.52	-4,360.75	-11,110.42	5,972.73	5,786.31	186.42	32.040		
12,300.00	7,321.00	17,476.00	7,264.97	151.43	281.41	88.52	-4,360.75	-11,110.42	5,874.66	5,686.74	187.93	31.261		
12,400.00	7,321.00	17,476.00	7,264.97	153.22	281.41	88.52	-4,360.75	-11,110.42	5,776.66	5,587.17	189.49	30.486		
12,500.00	7,321.00	17,476.00	7,264.97	155.04	281.41	88.52	-4,360.75	-11,110.42	5,678.73	5,487.62	191.11	29.715		
12,600.00	7,321.00	17,476.00	7,264.97	156.88	281.41	88.52	-4,360.75	-11,110.42	5,580.87	5,388.08	192.79	28.949		
12,700.00	7,321.00	17,476.00	7,264.97	158.75	281.41	88.52	-4,360.75	-11,110.42	5,483.09	5,288.56	194.53	28.187		
12,800.00	7,321.00	17,476.00	7,264.97	160.65	281.41	88.52	-4,360.75	-11,110.42	5,385.39	5,189.06	196.33	27.430		
12,900.00	7,321.00	17,476.00	7,264.97	162.57	281.41	88.52	-4,360.75	-11,110.42	5,287.78	5,089.57	198.20	26.678		
13,000.00	7,321.00	17,476.00	7,264.97	164.51	281.41	88.52	-4,360.75	-11,110.42	5,190.26	4,990.11	200.15	25.932		
13,100.00	7,321.00	17,476.00	7,264.97	166.48	281.41	88.52	-4,360.75	-11,110.42	5,092.83	4,890.66	202.17	25.191		
13,200.00	7,321.00	17,476.00	7,264.97	168.48	281.41	88.52	-4,360.75	-11,110.42	4,995.50	4,791.23	204.27	24.455		
13,300.00	7,321.00	17,476.00	7,264.97	170.49	281.41	88.52	-4,360.75	-11,110.42	4,898.29	4,691.83	206.46	23.725		
13,400.00	7,321.00	17,476.00	7,264.97	172.52	281.41	88.52	-4,360.75	-11,110.42	4,801.19	4,592.45	208.74	23.001		
13,500.00	7,321.00	17,476.00	7,264.97	174.58	281.41	88.52	-4,360.75	-11,110.42	4,704.20	4,493.10	211.11	22.283		
13,600.00	7,321.00	17,476.00	7,264.97	176.66	281.41	88.52	-4,360.75	-11,110.42	4,607.35	4,393.77	213.58	21.572		
13,700.00	7,321.00	17,476.00	7,264.97	178.75	281.41	88.52	-4,360.75	-11,110.42	4,510.64	4,294.48	216.16	20.867		
13,800.00	7,321.00	17,476.00	7,264.97	180.87	281.41	88.52	-4,360.75	-11,110.42	4,414.07	4,195.22	218.85	20.169		
13,900.00	7,321.00	17,476.00	7,264.97	183.00	281.41	88.52	-4,360.75	-11,110.42	4,317.66	4,096.00	221.66	19.479		
14,000.00	7,321.00	17,476.00	7,264.97	185.15	281.41	88.52	-4,360.75	-11,110.42	4,221.41	3,996.81	224.60	18.795		
14,100.00	7,321.00	17,476.00	7,264.97	187.32	281.41	88.52	-4,360.75	-11,110.42	4,125.35	3,897.67	227.68	18.119		
14,200.00	7,321.00	17,476.00	7,264.97	189.50	281.41	88.52	-4,360.75	-11,110.42	4,029.47	3,798.57	230.90	17.451		
14,300.00	7,321.00	17,476.00	7,264.97	191.70	281.41	88.52	-4,360.75	-11,110.42	3,933.80	3,699.53	234.27	16.791		
14,400.00	7,321.00	17,476.00	7,264.97	193.92	281.41	88.52	-4,360.75	-11,110.42	3,838.36	3,600.54	237.81	16.140		
14,500.00	7,321.00	17,476.00	7,264.97	196.15	281.41	88.52	-4,360.75	-11,110.42	3,743.14	3,501.61	241.53	15.498		
14,600.00	7,321.00	17,476.00	7,264.97	198.39	281.41	88.52	-4,360.75	-11,110.42	3,648.19	3,402.76	245.43	14.864		
14,700.00	7,321.00	17,476.00	7,264.97	200.65	281.41	88.52	-4,360.75	-11,110.42	3,553.51	3,303.97	249.54	14.240		
14,800.00	7,321.00	17,476.00	7,264.97	202.92	281.41	88.52	-4,360.75	-11,110.42	3,459.13	3,205.27	253.86	13.626		
14,900.00	7,321.00	17,476.00	7,264.97	205.20	281.41	88.52	-4,360.75	-11,110.42	3,365.08	3,106.67	258.41	13.022		
15,000.00	7,321.00	17,476.00	7,264.97	207.50	281.41	88.52	-4,360.75	-11,110.42	3,271.38	3,008.17	263.21	12.429		
15,100.00	7,321.00	17,476.00	7,264.97	209.80	281.41	88.52	-4,360.75	-11,110.42	3,178.06	2,909.79	268.28	11.846		
15,200.00	7,321.00	17,476.00	7,264.97	212.12	281.41	88.52	-4,360.75	-11,110.42	3,085.16	2,811.54	273.63	11.275		
15,300.00	7,321.00	17,476.00	7,264.97	214.45	281.41	88.52	-4,360.75	-11,110.42	2,992.72	2,713.44	279.29	10.716		
15,400.00	7,321.00	17,476.00	7,264.97	216.79	281.41	88.52	-4,360.75	-11,110.42	2,900.79	2,615.51	285.27	10.168		
15,500.00	7,321.00	17,476.00	7,264.97	219.15	281.41	88.52	-4,360.75	-11,110.42	2,809.40	2,517.78	291.62	9.634		
15,600.00	7,321.00	17,476.00	7,264.97	221.51	281.41	88.52	-4,360.75	-11,110.42	2,718.62	2,420.28	298.34	9.112		
15,700.00	7,321.00	17,476.00	7,264.97	223.88	281.41	88.52	-4,360.75	-11,110.42	2,628.50	2,323.03	305.47	8.605		
15,800.00	7,321.00	17,476.00	7,264.97	226.26	281.41	88.52	-4,360.75	-11,110.42	2,539.13	2,226.08	313.05	8.111		
15,900.00	7,321.00	17,476.00	7,264.97	228.65	281.41	88.52	-4,360.75	-11,110.42	2,450.58	2,129.49	321.09	7.632		
16,000.00	7,321.00	17,476.00	7,264.97	231.04	281.41	88.52	-4,360.75	-11,110.42	2,362.95	2,033.30	329.65	7.168		
16,100.00	7,321.00	17,476.00	7,264.97	233.45	281.41	88.52	-4,360.75	-11,110.42	2,276.33	1,937.59	338.73	6.720		
16,200.00	7,321.00	17,476.00	7,264.97	235.86	281.41	88.52	-4,360.75	-11,110.42	2,190.85	1,842.46	348.39	6.288		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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					
16,300.00	7,321.00	17,476.00	7,264.97	238.28	281.41	88.52	-4,360.75	-11,110.42	2,106.65	1,748.00	358.66	5.874					
16,400.00	7,321.00	17,476.00	7,264.97	240.71	281.41	88.52	-4,360.75	-11,110.42	2,023.89	1,654.34	369.55	5.477					
16,500.00	7,321.00	17,476.00	7,264.97	243.15	281.41	88.52	-4,360.75	-11,110.42	1,942.76	1,561.66	381.10	5.098					
16,600.00	7,321.00	17,476.00	7,264.97	245.59	281.41	88.52	-4,360.75	-11,110.42	1,863.45	1,470.14	393.32	4.738					
16,700.00	7,321.00	17,476.00	7,264.97	248.05	281.41	88.52	-4,360.75	-11,110.42	1,786.23	1,380.04	406.19	4.397					
16,800.00	7,321.00	17,476.00	7,264.97	250.50	281.41	88.52	-4,360.75	-11,110.42	1,711.37	1,291.65	419.71	4.077					
16,900.00	7,321.00	17,476.00	7,264.97	252.97	281.41	88.52	-4,360.75	-11,110.42	1,639.19	1,205.37	433.82	3.779					
17,000.00	7,321.00	17,476.00	7,264.97	255.44	281.41	88.52	-4,360.75	-11,110.42	1,570.06	1,121.64	448.42	3.501					
17,100.00	7,321.00	17,476.00	7,264.97	257.91	281.41	88.52	-4,360.75	-11,110.42	1,504.41	1,041.05	463.36	3.247					
17,200.00	7,321.00	17,476.00	7,264.97	260.39	281.41	88.52	-4,360.75	-11,110.42	1,442.71	964.27	478.44	3.015					
17,300.00	7,321.00	17,476.00	7,264.97	262.88	281.41	88.52	-4,360.75	-11,110.42	1,385.49	892.14	493.35	2.808					
17,400.00	7,321.00	17,476.00	7,264.97	265.37	281.41	88.52	-4,360.75	-11,110.42	1,333.32	825.60	507.71	2.626					
17,500.00	7,321.00	17,476.00	7,264.97	267.87	281.41	88.52	-4,360.75	-11,110.42	1,286.81	765.77	521.04	2.470					
17,600.00	7,321.00	17,476.00	7,264.97	270.37	281.41	88.52	-4,360.75	-11,110.42	1,246.62	713.84	532.78	2.340					
17,700.00	7,321.00	17,476.00	7,264.97	272.88	281.41	88.52	-4,360.75	-11,110.42	1,213.35	671.05	542.30	2.237					
17,800.00	7,321.00	17,476.00	7,264.97	275.40	281.41	88.52	-4,360.75	-11,110.42	1,187.59	638.59	549.00	2.163					
17,900.00	7,321.00	17,476.00	7,264.97	277.91	281.41	88.52	-4,360.75	-11,110.42	1,169.84	617.52	552.32	2.118					
18,000.00	7,321.00	17,476.00	7,264.97	280.43	281.41	88.52	-4,360.75	-11,110.42	1,160.47	608.58	551.89	2.103					
18,100.00	7,321.00	17,398.40	7,264.40	282.97	279.31	88.49	-4,363.44	-11,187.97	1,158.02	606.81	551.22	2.101 ES, SF					
18,106.52	7,321.00	17,393.52	7,264.36	283.14	279.18	88.48	-4,363.59	-11,192.85	1,158.01	606.85	551.16	2.101 CC					
18,200.00	7,321.00	17,313.12	7,263.74	285.53	277.00	88.45	-4,365.46	-11,273.23	1,160.22	609.57	550.65	2.107					
18,300.00	7,321.00	17,206.79	7,263.60	288.11	274.13	88.45	-4,367.57	-11,379.53	1,166.33	615.48	550.85	2.117					
18,400.00	7,321.00	17,105.09	7,264.75	290.70	271.38	88.52	-4,370.33	-11,481.19	1,175.13	624.23	550.91	2.133					
18,500.00	7,321.00	17,013.51	7,265.36	293.30	268.91	88.55	-4,372.52	-11,572.74	1,187.75	637.16	550.59	2.157					
18,600.00	7,321.00	16,916.71	7,265.30	295.90	266.29	88.57	-4,374.33	-11,669.52	1,203.07	652.61	550.46	2.186					
18,700.00	7,321.00	16,833.68	7,264.13	298.50	264.04	88.53	-4,375.52	-11,752.54	1,218.91	669.15	549.75	2.217					
18,800.00	7,321.00	16,754.07	7,262.58	301.11	261.88	88.47	-4,375.37	-11,832.13	1,236.33	687.52	548.81	2.253					
18,900.00	7,321.00	16,666.10	7,261.94	303.72	259.50	88.46	-4,373.99	-11,920.08	1,255.06	706.83	548.23	2.289					
19,000.00	7,321.00	16,560.37	7,258.33	306.32	256.64	88.32	-4,372.36	-12,025.73	1,273.86	725.39	548.47	2.323					
19,100.00	7,321.00	16,431.94	7,248.16	308.93	253.17	87.89	-4,372.41	-12,153.73	1,291.32	741.84	549.48	2.350					
19,200.00	7,321.00	16,347.70	7,238.25	311.54	250.91	87.48	-4,373.38	-12,237.38	1,307.85	759.23	548.62	2.384					
19,300.00	7,321.00	16,267.93	7,229.04	314.16	248.76	87.10	-4,373.19	-12,316.62	1,325.80	778.30	547.50	2.422					
19,400.00	7,321.00	16,176.64	7,218.87	316.77	246.31	86.69	-4,371.91	-12,407.33	1,344.93	798.08	546.85	2.459					
19,500.00	7,321.00	16,052.37	7,207.47	319.38	242.96	86.26	-4,370.88	-12,531.06	1,363.53	815.90	547.63	2.490					
19,600.00	7,321.00	15,964.87	7,202.71	322.00	240.59	86.10	-4,370.78	-12,618.43	1,381.17	834.17	546.99	2.525					
19,700.00	7,321.00	15,841.98	7,199.44	324.61	237.26	86.03	-4,370.67	-12,741.27	1,398.62	850.79	547.84	2.553					
19,800.00	7,321.00	15,737.77	7,197.93	327.23	234.45	86.03	-4,371.85	-12,845.47	1,413.78	865.82	547.96	2.580					
19,900.00	7,321.00	15,633.68	7,193.76	329.85	231.63	85.91	-4,373.23	-12,949.45	1,425.58	877.61	547.97	2.602					
20,000.00	7,321.00	15,533.22	7,188.87	332.46	228.92	85.74	-4,375.69	-13,049.77	1,432.85	885.02	547.83	2.616					
20,100.00	7,321.00	15,463.63	7,185.82	335.06	227.04	85.64	-4,376.21	-13,119.28	1,438.32	891.69	546.62	2.631					
20,200.00	7,321.00	15,382.00	7,183.26	337.65	224.83	85.55	-4,375.11	-13,200.86	1,442.26	896.50	545.76	2.643					
20,300.00	7,321.00	15,281.16	7,182.06	340.22	222.10	85.51	-4,373.02	-13,301.67	1,443.95	898.20	545.75	2.646					
20,400.00	7,321.00	15,188.32	7,180.29	342.79	219.59	85.45	-4,371.24	-13,394.48	1,445.24	899.88	545.36	2.650					
20,500.00	7,321.00	15,097.99	7,176.99	345.37	217.14	85.32	-4,369.11	-13,484.72	1,447.11	902.33	544.78	2.656					
20,600.00	7,321.00	14,967.83	7,171.99	347.95	213.62	85.13	-4,367.75	-13,614.78	1,447.53	901.58	545.94	2.651					
20,700.00	7,321.00	14,883.63	7,167.84	350.53	211.35	84.96	-4,366.80	-13,698.87	1,448.29	903.18	545.11	2.657					
20,800.00	7,321.00	14,782.12	7,164.93	353.11	208.60	84.85	-4,364.85	-13,800.31	1,449.70	904.63	545.07	2.660					
20,900.00	7,321.00	14,629.70	7,159.37	355.70	204.48	84.63	-4,364.79	-13,952.62	1,449.45	902.61	546.84	2.651					
20,976.29	7,321.00	14,552.80	7,155.57	357.67	202.41	84.47	-4,366.52	-14,029.40	1,447.51	900.80	546.70	2.648					

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
5,800.00	4,546.80	17,312.00	7,020.41	60.21	282.00	74.39	-4,523.03	-11,098.98	10,101.07	9,999.40	101.67	99.348		
5,900.00	4,614.07	17,312.00	7,020.41	61.59	282.00	74.39	-4,523.03	-11,098.98	10,041.00	9,939.43	101.57	98.853		
6,000.00	4,681.33	17,312.00	7,020.41	62.97	282.00	74.39	-4,523.03	-11,098.98	9,981.58	9,880.10	101.48	98.360		
6,100.00	4,748.59	17,312.00	7,020.41	64.35	282.00	74.39	-4,523.03	-11,098.98	9,922.80	9,821.41	101.39	97.867		
6,200.00	4,815.85	17,312.00	7,020.41	65.73	282.00	74.39	-4,523.03	-11,098.98	9,864.69	9,763.38	101.31	97.373		
6,300.00	4,883.11	17,312.00	7,020.41	67.11	282.00	74.39	-4,523.03	-11,098.98	9,807.26	9,706.02	101.23	96.877		
6,400.00	4,950.37	17,312.00	7,020.41	68.49	282.00	74.39	-4,523.03	-11,098.98	9,750.51	9,649.34	101.17	96.378		
6,500.00	5,017.63	17,312.00	7,020.41	69.87	282.00	74.39	-4,523.03	-11,098.98	9,694.46	9,593.34	101.12	95.872		
6,600.00	5,084.89	17,312.00	7,020.41	71.25	282.00	74.39	-4,523.03	-11,098.98	9,639.12	9,538.04	101.08	95.359		
6,700.00	5,152.15	17,312.00	7,020.41	72.63	282.00	74.39	-4,523.03	-11,098.98	9,584.51	9,483.45	101.06	94.836		
6,800.00	5,219.41	17,312.00	7,020.41	74.02	282.00	74.39	-4,523.03	-11,098.98	9,530.63	9,429.57	101.07	94.300		
6,900.00	5,286.67	17,312.00	7,020.41	75.40	282.00	74.39	-4,523.03	-11,098.98	9,477.51	9,376.41	101.10	93.748		
7,000.00	5,353.94	17,312.00	7,020.41	76.78	282.00	74.39	-4,523.03	-11,098.98	9,425.14	9,323.98	101.16	93.175		
7,100.00	5,421.20	17,312.00	7,020.41	78.16	282.00	74.39	-4,523.03	-11,098.98	9,373.55	9,272.30	101.25	92.577		
7,200.00	5,488.46	17,312.00	7,020.41	79.55	282.00	74.39	-4,523.03	-11,098.98	9,322.74	9,221.35	101.39	91.949		
7,300.00	5,555.72	17,312.00	7,020.41	80.93	282.00	74.39	-4,523.03	-11,098.98	9,272.74	9,171.16	101.58	91.286		
7,400.00	5,622.98	17,312.00	7,020.41	82.31	282.00	74.39	-4,523.03	-11,098.98	9,223.55	9,121.72	101.83	90.579		
7,500.00	5,690.24	17,312.00	7,020.41	83.69	282.00	74.39	-4,523.03	-11,098.98	9,175.18	9,073.03	102.15	89.822		
7,600.00	5,757.50	17,312.00	7,020.41	85.08	282.00	74.39	-4,523.03	-11,098.98	9,127.65	9,025.10	102.55	89.008		
7,700.00	5,824.76	17,312.00	7,020.41	86.46	282.00	74.39	-4,523.03	-11,098.98	9,080.98	8,977.93	103.05	88.126		
7,800.00	5,892.02	17,312.00	7,020.41	87.84	282.00	74.39	-4,523.03	-11,098.98	9,035.17	8,931.52	103.65	87.168		
7,900.00	5,959.28	17,312.00	7,020.41	89.23	282.00	74.39	-4,523.03	-11,098.98	8,990.24	8,885.86	104.39	86.126		
8,000.00	6,026.55	17,312.00	7,020.41	90.61	282.00	74.39	-4,523.03	-11,098.98	8,946.21	8,840.95	105.26	84.991		
8,100.00	6,093.81	17,312.00	7,020.41	91.99	282.00	74.39	-4,523.03	-11,098.98	8,903.08	8,796.78	106.30	83.758		
8,200.00	6,161.07	17,312.00	7,020.41	93.38	282.00	74.39	-4,523.03	-11,098.98	8,860.86	8,753.36	107.50	82.424		
8,300.00	6,228.33	17,312.00	7,020.41	94.76	282.00	74.39	-4,523.03	-11,098.98	8,819.58	8,710.68	108.90	80.988		
8,400.00	6,295.59	17,312.00	7,020.41	96.14	282.00	74.39	-4,523.03	-11,098.98	8,779.25	8,668.75	110.49	79.456		
8,500.00	6,362.85	17,312.00	7,020.41	97.53	282.00	74.39	-4,523.03	-11,098.98	8,739.87	8,627.58	112.29	77.835		
8,600.00	6,430.11	17,312.00	7,020.41	98.91	282.00	74.39	-4,523.03	-11,098.98	8,701.46	8,587.18	114.28	76.139		
8,700.00	6,497.37	17,312.00	7,020.41	100.29	282.00	74.39	-4,523.03	-11,098.98	8,664.04	8,547.56	116.48	74.383		
8,800.00	6,564.63	17,312.00	7,020.41	101.68	282.00	74.39	-4,523.03	-11,098.98	8,627.61	8,508.75	118.86	72.585		
8,900.00	6,631.89	17,312.00	7,020.41	103.06	282.00	74.39	-4,523.03	-11,098.98	8,592.20	8,470.77	121.42	70.763		
9,000.00	6,699.15	17,312.00	7,020.41	104.45	282.00	74.39	-4,523.03	-11,098.98	8,557.80	8,433.65	124.15	68.933		
9,100.00	6,766.42	17,312.00	7,020.41	105.83	282.00	74.39	-4,523.03	-11,098.98	8,524.44	8,397.42	127.02	67.111		
9,200.00	6,833.68	17,312.00	7,020.41	107.22	282.00	74.39	-4,523.03	-11,098.98	8,492.13	8,362.10	130.03	65.311		
9,300.00	6,900.94	17,312.00	7,020.41	108.60	282.00	74.39	-4,523.03	-11,098.98	8,460.87	8,327.72	133.15	63.544		
9,400.00	6,968.20	17,312.00	7,020.41	109.98	282.00	74.39	-4,523.03	-11,098.98	8,430.69	8,294.31	136.38	61.817		
9,500.00	7,035.46	17,312.00	7,020.41	111.37	282.00	74.39	-4,523.03	-11,098.98	8,401.59	8,261.88	139.70	60.139		
9,600.00	7,101.31	17,312.00	7,020.41	112.79	282.00	68.45	-4,523.03	-11,098.98	8,368.72	8,225.65	143.08	58.491		
9,700.00	7,161.49	17,312.00	7,020.41	114.30	282.00	62.22	-4,523.03	-11,098.98	8,321.40	8,175.02	146.38	56.850		
9,800.00	7,214.06	17,312.00	7,020.41	115.85	282.00	57.75	-4,523.03	-11,098.98	8,260.35	8,110.88	149.47	55.265		
9,900.00	7,257.41	17,312.00	7,020.41	117.39	282.00	55.03	-4,523.03	-11,098.98	8,187.15	8,034.91	152.24	53.778		
10,000.00	7,290.24	17,312.00	7,020.41	118.87	282.00	54.26	-4,523.03	-11,098.98	8,103.72	7,949.14	154.58	52.426		
10,100.00	7,311.53	17,312.00	7,020.41	120.23	282.00	56.49	-4,523.03	-11,098.98	8,012.32	7,855.94	156.38	51.236		
10,200.00	7,320.66	17,312.00	7,020.41	121.43	282.00	67.62	-4,523.03	-11,098.98	7,915.51	7,757.94	157.57	50.233		
10,300.00	7,321.00	17,312.00	7,020.41	122.51	282.00	74.59	-4,523.03	-11,098.98	7,816.44	7,658.13	158.30	49.376		
10,400.00	7,321.00	17,312.00	7,020.41	123.62	282.00	74.59	-4,523.03	-11,098.98	7,717.33	7,558.29	159.03	48.526		
10,500.00	7,321.00	17,312.00	7,020.41	124.77	282.00	74.59	-4,523.03	-11,098.98	7,618.24	7,458.45	159.79	47.678		
10,600.00	7,321.00	17,312.00	7,020.41	125.95	282.00	74.59	-4,523.03	-11,098.98	7,519.18	7,358.62	160.56	46.832		
10,700.00	7,321.00	17,312.00	7,020.41	127.17	282.00	74.59	-4,523.03	-11,098.98	7,420.14	7,258.79	161.35	45.987		
10,800.00	7,321.00	17,312.00	7,020.41	128.43	282.00	74.59	-4,523.03	-11,098.98	7,321.13	7,158.96	162.17	45.145		
10,900.00	7,321.00	17,312.00	7,020.41	129.72	282.00	74.59	-4,523.03	-11,098.98	7,222.14	7,059.13	163.01	44.305		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,000.00	7,321.00	17,312.00	7,020.41	131.05	282.00	74.59	-4,523.03	-11,098.98	7,123.18	6,959.31	163.88	43.467		
11,100.00	7,321.00	17,312.00	7,020.41	132.41	282.00	74.59	-4,523.03	-11,098.98	7,024.26	6,859.49	164.77	42.631		
11,200.00	7,321.00	17,312.00	7,020.41	133.81	282.00	74.59	-4,523.03	-11,098.98	6,925.36	6,759.67	165.69	41.797		
11,300.00	7,321.00	17,312.00	7,020.41	135.25	282.00	74.59	-4,523.03	-11,098.98	6,826.50	6,659.86	166.64	40.966		
11,400.00	7,321.00	17,312.00	7,020.41	136.72	282.00	74.59	-4,523.03	-11,098.98	6,727.67	6,560.05	167.62	40.138		
11,500.00	7,321.00	17,312.00	7,020.41	138.22	282.00	74.59	-4,523.03	-11,098.98	6,628.87	6,460.25	168.62	39.312		
11,600.00	7,321.00	17,312.00	7,020.41	139.76	282.00	74.59	-4,523.03	-11,098.98	6,530.11	6,360.45	169.67	38.488		
11,700.00	7,321.00	17,312.00	7,020.41	141.34	282.00	74.59	-4,523.03	-11,098.98	6,431.39	6,260.65	170.74	37.668		
11,800.00	7,321.00	17,312.00	7,020.41	142.94	282.00	74.59	-4,523.03	-11,098.98	6,332.71	6,160.86	171.85	36.850		
11,900.00	7,321.00	17,312.00	7,020.41	144.58	282.00	74.59	-4,523.03	-11,098.98	6,234.07	6,061.08	173.00	36.036		
12,000.00	7,321.00	17,312.00	7,020.41	146.25	282.00	74.59	-4,523.03	-11,098.98	6,135.48	5,961.30	174.18	35.224		
12,100.00	7,321.00	17,312.00	7,020.41	147.95	282.00	74.59	-4,523.03	-11,098.98	6,036.93	5,861.52	175.41	34.416		
12,200.00	7,321.00	17,312.00	7,020.41	149.67	282.00	74.59	-4,523.03	-11,098.98	5,938.43	5,761.75	176.68	33.611		
12,300.00	7,321.00	17,312.00	7,020.41	151.43	282.00	74.59	-4,523.03	-11,098.98	5,839.99	5,661.99	177.99	32.810		
12,400.00	7,321.00	17,312.00	7,020.41	153.22	282.00	74.59	-4,523.03	-11,098.98	5,741.59	5,562.24	179.36	32.012		
12,500.00	7,321.00	17,312.00	7,020.41	155.04	282.00	74.59	-4,523.03	-11,098.98	5,643.25	5,462.49	180.77	31.219		
12,600.00	7,321.00	17,312.00	7,020.41	156.88	282.00	74.59	-4,523.03	-11,098.98	5,544.97	5,362.75	182.23	30.429		
12,700.00	7,321.00	17,312.00	7,020.41	158.75	282.00	74.59	-4,523.03	-11,098.98	5,446.76	5,263.01	183.75	29.643		
12,800.00	7,321.00	17,312.00	7,020.41	160.65	282.00	74.59	-4,523.03	-11,098.98	5,348.61	5,163.29	185.32	28.861		
12,900.00	7,321.00	17,312.00	7,020.41	162.57	282.00	74.59	-4,523.03	-11,098.98	5,250.53	5,063.57	186.96	28.084		
13,000.00	7,321.00	17,312.00	7,020.41	164.51	282.00	74.59	-4,523.03	-11,098.98	5,152.52	4,963.86	188.66	27.312		
13,100.00	7,321.00	17,312.00	7,020.41	166.48	282.00	74.59	-4,523.03	-11,098.98	5,054.59	4,864.17	190.42	26.544		
13,200.00	7,321.00	17,312.00	7,020.41	168.48	282.00	74.59	-4,523.03	-11,098.98	4,956.75	4,764.48	192.26	25.781		
13,300.00	7,321.00	17,312.00	7,020.41	170.49	282.00	74.59	-4,523.03	-11,098.98	4,858.99	4,664.81	194.18	25.023		
13,400.00	7,321.00	17,312.00	7,020.41	172.52	282.00	74.59	-4,523.03	-11,098.98	4,761.33	4,565.15	196.17	24.271		
13,500.00	7,321.00	17,312.00	7,020.41	174.58	282.00	74.59	-4,523.03	-11,098.98	4,663.76	4,465.50	198.26	23.524		
13,600.00	7,321.00	17,312.00	7,020.41	176.66	282.00	74.59	-4,523.03	-11,098.98	4,566.30	4,365.87	200.43	22.783		
13,700.00	7,321.00	17,312.00	7,020.41	178.75	282.00	74.59	-4,523.03	-11,098.98	4,468.95	4,266.26	202.69	22.048		
13,800.00	7,321.00	17,312.00	7,020.41	180.87	282.00	74.59	-4,523.03	-11,098.98	4,371.72	4,166.66	205.06	21.319		
13,900.00	7,321.00	17,312.00	7,020.41	183.00	282.00	74.59	-4,523.03	-11,098.98	4,274.62	4,067.08	207.54	20.597		
14,000.00	7,321.00	17,312.00	7,020.41	185.15	282.00	74.59	-4,523.03	-11,098.98	4,177.66	3,967.53	210.13	19.881		
14,100.00	7,321.00	17,312.00	7,020.41	187.32	282.00	74.59	-4,523.03	-11,098.98	4,080.84	3,868.00	212.85	19.173		
14,200.00	7,321.00	17,312.00	7,020.41	189.50	282.00	74.59	-4,523.03	-11,098.98	3,984.18	3,768.49	215.69	18.471		
14,300.00	7,321.00	17,312.00	7,020.41	191.70	282.00	74.59	-4,523.03	-11,098.98	3,887.69	3,669.01	218.68	17.778		
14,400.00	7,321.00	17,312.00	7,020.41	193.92	282.00	74.59	-4,523.03	-11,098.98	3,791.38	3,569.56	221.82	17.092		
14,500.00	7,321.00	17,312.00	7,020.41	196.15	282.00	74.59	-4,523.03	-11,098.98	3,695.27	3,470.15	225.12	16.415		
14,600.00	7,321.00	17,312.00	7,020.41	198.39	282.00	74.59	-4,523.03	-11,098.98	3,599.37	3,370.78	228.59	15.746		
14,700.00	7,321.00	17,312.00	7,020.41	200.65	282.00	74.59	-4,523.03	-11,098.98	3,503.70	3,271.45	232.25	15.086		
14,800.00	7,321.00	17,312.00	7,020.41	202.92	282.00	74.59	-4,523.03	-11,098.98	3,408.27	3,172.17	236.11	14.435		
14,900.00	7,321.00	17,312.00	7,020.41	205.20	282.00	74.59	-4,523.03	-11,098.98	3,313.12	3,072.94	240.18	13.794		
15,000.00	7,321.00	17,312.00	7,020.41	207.50	282.00	74.59	-4,523.03	-11,098.98	3,218.26	2,973.78	244.48	13.164		
15,100.00	7,321.00	17,312.00	7,020.41	209.80	282.00	74.59	-4,523.03	-11,098.98	3,123.72	2,874.68	249.04	12.543		
15,200.00	7,321.00	17,312.00	7,020.41	212.12	282.00	74.59	-4,523.03	-11,098.98	3,029.53	2,775.67	253.86	11.934		
15,300.00	7,321.00	17,312.00	7,020.41	214.45	282.00	74.59	-4,523.03	-11,098.98	2,935.73	2,676.76	258.97	11.336		
15,400.00	7,321.00	17,312.00	7,020.41	216.79	282.00	74.59	-4,523.03	-11,098.98	2,842.35	2,577.95	264.40	10.750		
15,500.00	7,321.00	17,312.00	7,020.41	219.15	282.00	74.59	-4,523.03	-11,098.98	2,749.43	2,479.26	270.17	10.177		
15,600.00	7,321.00	17,312.00	7,020.41	221.51	282.00	74.59	-4,523.03	-11,098.98	2,657.03	2,380.72	276.31	9.616		
15,700.00	7,321.00	17,312.00	7,020.41	223.88	282.00	74.59	-4,523.03	-11,098.98	2,565.20	2,282.35	282.85	9.069		
15,800.00	7,321.00	17,312.00	7,020.41	226.26	282.00	74.59	-4,523.03	-11,098.98	2,474.00	2,184.17	289.83	8.536		
15,900.00	7,321.00	17,312.00	7,020.41	228.65	282.00	74.59	-4,523.03	-11,098.98	2,383.51	2,086.24	297.27	8.018		
16,000.00	7,321.00	17,312.00	7,020.41	231.04	282.00	74.59	-4,523.03	-11,098.98	2,293.81	1,988.58	305.23	7.515		
16,100.00	7,321.00	17,312.00	7,020.41	233.45	282.00	74.59	-4,523.03	-11,098.98	2,204.99	1,891.26	313.73	7.028		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,200.00	7,321.00	17,312.00	7,020.41	235.86	282.00	74.59	-4,523.03	-11,098.98	2,117.17	1,794.34	322.83	6.558		
16,300.00	7,321.00	17,312.00	7,020.41	238.28	282.00	74.59	-4,523.03	-11,098.98	2,030.48	1,697.91	332.57	6.105		
16,400.00	7,321.00	17,312.00	7,020.41	240.71	282.00	74.59	-4,523.03	-11,098.98	1,945.07	1,602.08	342.99	5.671		
16,500.00	7,321.00	17,312.00	7,020.41	243.15	282.00	74.59	-4,523.03	-11,098.98	1,861.11	1,506.99	354.13	5.256		
16,600.00	7,321.00	17,312.00	7,020.41	245.59	282.00	74.59	-4,523.03	-11,098.98	1,778.81	1,412.79	366.02	4.860		
16,700.00	7,321.00	17,312.00	7,020.41	248.05	282.00	74.59	-4,523.03	-11,098.98	1,698.41	1,319.71	378.70	4.485		
16,800.00	7,321.00	17,312.00	7,020.41	250.50	282.00	74.59	-4,523.03	-11,098.98	1,620.20	1,228.03	392.16	4.131		
16,900.00	7,321.00	17,312.00	7,020.41	252.97	282.00	74.59	-4,523.03	-11,098.98	1,544.50	1,138.11	406.39	3.801		
17,000.00	7,321.00	17,312.00	7,020.41	255.44	282.00	74.59	-4,523.03	-11,098.98	1,471.70	1,050.38	421.33	3.493		
17,100.00	7,321.00	17,312.00	7,020.41	257.91	282.00	74.59	-4,523.03	-11,098.98	1,402.27	965.43	436.84	3.210		
17,200.00	7,321.00	17,312.00	7,020.41	260.39	282.00	74.59	-4,523.03	-11,098.98	1,336.71	883.97	452.74	2.952		
17,300.00	7,321.00	17,312.00	7,020.41	262.88	282.00	74.59	-4,523.03	-11,098.98	1,275.63	806.91	468.72	2.722		
17,400.00	7,321.00	17,312.00	7,020.41	265.37	282.00	74.59	-4,523.03	-11,098.98	1,219.70	735.34	484.36	2.518		
17,500.00	7,321.00	17,312.00	7,020.41	267.87	282.00	74.59	-4,523.03	-11,098.98	1,169.66	670.56	499.09	2.344		
17,600.00	7,321.00	17,312.00	7,020.41	270.37	282.00	74.59	-4,523.03	-11,098.98	1,126.29	614.07	512.22	2.199		
17,700.00	7,321.00	17,312.00	7,020.41	272.88	282.00	74.59	-4,523.03	-11,098.98	1,090.40	567.47	522.93	2.085		
17,800.00	7,321.00	17,312.00	7,020.41	275.40	282.00	74.59	-4,523.03	-11,098.98	1,062.73	532.35	530.38	2.004		
17,900.00	7,321.00	17,312.00	7,020.41	277.91	282.00	74.59	-4,523.03	-11,098.98	1,043.95	510.13	533.82	1.956		
18,000.00	7,321.00	17,312.00	7,020.41	280.43	282.00	74.59	-4,523.03	-11,098.98	1,034.54	501.85	532.69	1.942 ES, SF		
18,037.36	7,321.00	17,312.00	7,020.41	281.38	282.00	74.59	-4,523.03	-11,098.98	1,033.68	502.62	531.05	1.946 CC		
18,100.00	7,321.00	17,265.70	7,020.24	282.97	280.75	74.59	-4,522.82	-11,145.28	1,034.80	504.67	530.13	1.952		
18,200.00	7,321.00	17,158.66	7,019.22	285.53	277.85	74.59	-4,522.90	-11,252.32	1,039.40	508.86	530.54	1.959		
18,300.00	7,321.00	17,056.58	7,017.57	288.11	275.08	74.57	-4,523.40	-11,354.38	1,047.14	516.44	530.69	1.973		
18,400.00	7,321.00	16,943.90	7,018.19	290.70	272.03	74.72	-4,524.79	-11,467.04	1,056.90	525.14	531.76	1.988		
18,500.00	7,321.00	16,838.82	7,019.22	293.30	269.19	74.91	-4,526.33	-11,572.12	1,069.74	537.18	532.56	2.009		
18,600.00	7,321.00	16,730.17	7,019.81	295.90	266.25	75.15	-4,529.30	-11,680.72	1,083.58	550.14	533.44	2.031		
18,700.00	7,321.00	16,628.22	7,018.15	298.50	263.50	75.25	-4,533.17	-11,782.58	1,096.99	563.28	533.71	2.055		
18,800.00	7,321.00	16,543.71	7,015.82	301.11	261.22	75.28	-4,536.29	-11,867.00	1,110.82	577.60	533.21	2.083		
18,900.00	7,321.00	16,473.12	7,012.40	303.72	259.31	75.25	-4,537.93	-11,937.48	1,126.52	594.69	531.83	2.118		
19,000.00	7,321.00	16,406.43	7,009.33	306.32	257.50	75.25	-4,537.36	-12,004.10	1,145.07	615.04	530.03	2.160		
19,100.00	7,321.00	16,330.36	7,006.85	308.93	255.44	75.33	-4,534.78	-12,080.08	1,165.57	637.04	528.73	2.205		
19,200.00	7,321.00	16,217.35	7,004.55	311.54	252.37	75.52	-4,530.07	-12,192.97	1,186.90	656.82	530.08	2.239		
19,300.00	7,321.00	16,086.22	7,002.75	314.16	248.81	75.74	-4,527.35	-12,324.05	1,205.87	673.54	532.33	2.265		
19,400.00	7,321.00	15,974.30	7,000.67	316.77	245.78	75.87	-4,527.50	-12,435.94	1,222.84	689.68	533.17	2.294		
19,500.00	7,321.00	15,896.02	6,998.12	319.38	243.66	75.91	-4,527.79	-12,514.18	1,240.03	707.79	532.24	2.330		
19,600.00	7,321.00	15,809.31	6,996.47	322.00	241.31	76.02	-4,525.95	-12,600.86	1,259.14	727.30	531.84	2.368		
19,700.00	7,321.00	15,702.78	6,995.09	324.61	238.42	76.18	-4,524.05	-12,707.36	1,277.85	745.31	532.55	2.400		
19,800.00	7,321.00	15,600.15	6,993.95	327.23	235.64	76.39	-4,522.54	-12,809.97	1,295.27	762.27	533.00	2.430		
19,900.00	7,321.00	15,493.38	6,992.41	329.85	232.75	76.54	-4,521.56	-12,916.73	1,309.00	775.50	533.50	2.454		
20,000.00	7,321.00	15,358.22	6,992.83	332.46	229.09	76.72	-4,522.29	-13,051.87	1,317.50	782.27	535.23	2.462		
20,100.00	7,321.00	15,260.07	6,993.35	335.06	226.44	76.80	-4,523.85	-13,150.01	1,321.57	786.30	535.28	2.469		
20,200.00	7,321.00	15,152.35	6,993.31	337.65	223.53	76.81	-4,525.95	-13,257.71	1,322.05	786.49	535.56	2.469		
20,300.00	7,321.00	15,064.33	6,992.29	340.22	221.15	76.73	-4,528.29	-13,345.70	1,319.33	784.38	534.96	2.466		
20,388.02	7,321.00	15,004.00	6,990.44	342.48	219.52	76.64	-4,528.81	-13,405.99	1,318.51	784.94	533.56	2.471		
20,400.00	7,321.00	14,995.96	6,990.13	342.79	219.30	76.63	-4,528.80	-13,414.02	1,318.54	785.19	533.34	2.472		
20,500.00	7,321.00	14,891.97	6,986.56	345.37	216.49	76.47	-4,528.71	-13,517.95	1,318.66	785.47	533.19	2.473		
20,600.00	7,321.00	14,788.13	6,983.34	347.95	213.68	76.33	-4,528.73	-13,621.74	1,318.63	785.57	533.05	2.474		
20,700.00	7,321.00	14,677.35	6,980.61	350.53	210.69	76.20	-4,529.44	-13,732.48	1,317.83	784.58	533.25	2.471		
20,800.00	7,321.00	14,584.63	6,978.66	353.11	208.18	76.10	-4,530.22	-13,825.18	1,316.79	784.08	532.71	2.472		
20,900.00	7,321.00	14,471.54	6,977.94	355.70	205.12	76.06	-4,529.91	-13,938.27	1,316.54	783.34	533.20	2.469		
20,976.29	7,321.00	14,387.38	6,977.35	357.67	202.85	76.02	-4,531.40	-14,022.41	1,314.76	781.35	533.41	2.465		

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-20-01
Project:	WELD COUNTY	TVD Reference:	KBE 25' @ 4922.00usft
Reference Site:	Sec 36-T7N-R67W	MD Reference:	KBE 25' @ 4922.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	MAVERICK 2W-20-01	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 12 - ORIGINAL WELLBORE - WB #1 - Patterson 346													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	4,681.33	17,365.00	7,068.05	62.97	281.92	72.92	-4,856.02	-11,100.49	10,050.34	9,940.76	109.59	91.711		
6,100.00	4,748.59	17,365.00	7,068.05	64.35	281.92	72.92	-4,856.02	-11,100.49	9,989.52	9,880.04	109.48	91.244		
6,200.00	4,815.85	17,365.00	7,068.05	65.73	281.92	72.92	-4,856.02	-11,100.49	9,929.33	9,819.96	109.38	90.781		
6,300.00	4,883.11	17,365.00	7,068.05	67.11	281.92	72.92	-4,856.02	-11,100.49	9,869.79	9,760.52	109.27	90.323		
6,400.00	4,950.37	17,365.00	7,068.05	68.49	281.92	72.92	-4,856.02	-11,100.49	9,810.91	9,701.74	109.17	89.869		
6,500.00	5,017.63	17,365.00	7,068.05	69.87	281.92	72.92	-4,856.02	-11,100.49	9,752.69	9,643.63	109.07	89.419		
6,600.00	5,084.89	17,365.00	7,068.05	71.25	281.92	72.92	-4,856.02	-11,100.49	9,695.16	9,586.19	108.97	88.972		
6,700.00	5,152.15	17,365.00	7,068.05	72.63	281.92	72.92	-4,856.02	-11,100.49	9,638.32	9,529.45	108.87	88.527		
6,800.00	5,219.41	17,365.00	7,068.05	74.02	281.92	72.92	-4,856.02	-11,100.49	9,582.19	9,473.41	108.79	88.083		
6,900.00	5,286.67	17,365.00	7,068.05	75.40	281.92	72.92	-4,856.02	-11,100.49	9,526.78	9,418.08	108.71	87.638		
7,000.00	5,353.94	17,365.00	7,068.05	76.78	281.92	72.92	-4,856.02	-11,100.49	9,472.10	9,363.47	108.63	87.193		
7,100.00	5,421.20	17,365.00	7,068.05	78.16	281.92	72.92	-4,856.02	-11,100.49	9,418.16	9,309.59	108.57	86.744		
7,200.00	5,488.46	17,365.00	7,068.05	79.55	281.92	72.92	-4,856.02	-11,100.49	9,364.98	9,256.46	108.53	86.291		
7,300.00	5,555.72	17,365.00	7,068.05	80.93	281.92	72.92	-4,856.02	-11,100.49	9,312.58	9,204.07	108.50	85.830		
7,400.00	5,622.98	17,365.00	7,068.05	82.31	281.92	72.92	-4,856.02	-11,100.49	9,260.95	9,152.46	108.49	85.359		
7,500.00	5,690.24	17,365.00	7,068.05	83.69	281.92	72.92	-4,856.02	-11,100.49	9,210.12	9,101.61	108.51	84.876		
7,600.00	5,757.50	17,365.00	7,068.05	85.08	281.92	72.92	-4,856.02	-11,100.49	9,160.10	9,051.54	108.56	84.376		
7,700.00	5,824.76	17,365.00	7,068.05	86.46	281.92	72.92	-4,856.02	-11,100.49	9,110.90	9,002.25	108.65	83.855		
7,800.00	5,892.02	17,365.00	7,068.05	87.84	281.92	72.92	-4,856.02	-11,100.49	9,062.54	8,953.76	108.78	83.309		
7,900.00	5,959.28	17,365.00	7,068.05	89.23	281.92	72.92	-4,856.02	-11,100.49	9,015.03	8,906.07	108.97	82.732		
8,000.00	6,026.55	17,365.00	7,068.05	90.61	281.92	72.92	-4,856.02	-11,100.49	8,968.39	8,859.17	109.21	82.117		
8,100.00	6,093.81	17,365.00	7,068.05	91.99	281.92	72.92	-4,856.02	-11,100.49	8,922.61	8,813.08	109.54	81.457		
8,200.00	6,161.07	17,365.00	7,068.05	93.38	281.92	72.92	-4,856.02	-11,100.49	8,877.74	8,767.79	109.95	80.745		
8,300.00	6,228.33	17,365.00	7,068.05	94.76	281.92	72.92	-4,856.02	-11,100.49	8,833.76	8,723.30	110.46	79.972		
8,400.00	6,295.59	17,365.00	7,068.05	96.14	281.92	72.92	-4,856.02	-11,100.49	8,790.70	8,679.61	111.09	79.129		
8,500.00	6,362.85	17,365.00	7,068.05	97.53	281.92	72.92	-4,856.02	-11,100.49	8,748.57	8,636.71	111.86	78.209		
8,600.00	6,430.11	17,365.00	7,068.05	98.91	281.92	72.92	-4,856.02	-11,100.49	8,707.39	8,594.61	112.79	77.202		
8,700.00	6,497.37	17,365.00	7,068.05	100.29	281.92	72.92	-4,856.02	-11,100.49	8,667.17	8,553.28	113.88	76.105		
8,800.00	6,564.63	17,365.00	7,068.05	101.68	281.92	72.92	-4,856.02	-11,100.49	8,627.92	8,512.75	115.17	74.914		
8,900.00	6,631.89	17,365.00	7,068.05	103.06	281.92	72.92	-4,856.02	-11,100.49	8,589.65	8,472.99	116.66	73.631		
9,000.00	6,699.15	17,365.00	7,068.05	104.45	281.92	72.92	-4,856.02	-11,100.49	8,552.38	8,434.02	118.36	72.259		
9,100.00	6,766.42	17,365.00	7,068.05	105.83	281.92	72.92	-4,856.02	-11,100.49	8,516.12	8,395.85	120.27	70.809		
9,200.00	6,833.68	17,365.00	7,068.05	107.22	281.92	72.92	-4,856.02	-11,100.49	8,480.89	8,358.50	122.39	69.293		
9,300.00	6,900.94	17,365.00	7,068.05	108.60	281.92	72.92	-4,856.02	-11,100.49	8,446.69	8,321.97	124.72	67.727		
9,400.00	6,968.20	17,365.00	7,068.05	109.98	281.92	72.92	-4,856.02	-11,100.49	8,413.54	8,286.31	127.23	66.127		
9,500.00	7,035.46	17,365.00	7,068.05	111.37	281.92	72.92	-4,856.02	-11,100.49	8,381.46	8,251.53	129.93	64.510		
9,600.00	7,101.31	17,365.00	7,068.05	112.79	281.92	66.91	-4,856.02	-11,100.49	8,345.64	8,212.89	132.75	62.868		
9,700.00	7,161.49	17,365.00	7,068.05	114.30	281.92	60.55	-4,856.02	-11,100.49	8,295.54	8,159.98	135.56	61.195		
9,800.00	7,214.06	17,365.00	7,068.05	115.85	281.92	55.86	-4,856.02	-11,100.49	8,231.96	8,093.74	138.22	59.557		
9,900.00	7,257.41	17,365.00	7,068.05	117.39	281.92	52.79	-4,856.02	-11,100.49	8,156.55	8,015.95	140.60	58.012		
10,000.00	7,290.24	17,365.00	7,068.05	118.87	281.92	51.45	-4,856.02	-11,100.49	8,071.31	7,928.73	142.59	56.607		
10,100.00	7,311.53	17,365.00	7,068.05	120.23	281.92	52.63	-4,856.02	-11,100.49	7,978.56	7,834.49	144.07	55.380		
10,200.00	7,320.66	17,365.00	7,068.05	121.43	281.92	62.38	-4,856.02	-11,100.49	7,880.89	7,735.92	144.97	54.361		
10,300.00	7,321.00	17,365.00	7,068.05	122.51	281.92	70.42	-4,856.02	-11,100.49	7,781.34	7,635.90	145.44	53.503		
10,400.00	7,321.00	17,365.00	7,068.05	123.62	281.92	70.42	-4,856.02	-11,100.49	7,681.76	7,535.86	145.90	52.652		
10,500.00	7,321.00	17,365.00	7,068.05	124.77	281.92	70.42	-4,856.02	-11,100.49	7,582.18	7,435.82	146.37	51.803		
10,600.00	7,321.00	17,365.00	7,068.05	125.95	281.92	70.42	-4,856.02	-11,100.49	7,482.62	7,335.77	146.85	50.953		
10,700.00	7,321.00	17,365.00	7,068.05	127.17	281.92	70.42	-4,856.02	-11,100.49	7,383.07	7,235.72	147.35	50.105		
10,800.00	7,321.00	17,365.00	7,068.05	128.43	281.92	70.42	-4,856.02	-11,100.49	7,283.53	7,135.66	147.87	49.257		
10,900.00	7,321.00	17,365.00	7,068.05	129.72	281.92	70.42	-4,856.02	-11,100.49	7,184.01	7,035.61	148.40	48.410		
11,000.00	7,321.00	17,365.00	7,068.05	131.05	281.92	70.42	-4,856.02	-11,100.49	7,084.50	6,935.55	148.95	47.564		
11,100.00	7,321.00	17,365.00	7,068.05	132.41	281.92	70.42	-4,856.02	-11,100.49	6,985.00	6,835.48	149.51	46.718		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	17,365.00	7,068.05	133.81	281.92	70.42	-4,856.02	-11,100.49	6,885.51	6,735.42	150.10	45.874		
11,300.00	7,321.00	17,365.00	7,068.05	135.25	281.92	70.42	-4,856.02	-11,100.49	6,786.05	6,635.35	150.70	45.030		
11,400.00	7,321.00	17,365.00	7,068.05	136.72	281.92	70.42	-4,856.02	-11,100.49	6,686.59	6,535.27	151.32	44.188		
11,500.00	7,321.00	17,365.00	7,068.05	138.22	281.92	70.42	-4,856.02	-11,100.49	6,587.16	6,435.19	151.97	43.346		
11,600.00	7,321.00	17,365.00	7,068.05	139.76	281.92	70.42	-4,856.02	-11,100.49	6,487.74	6,335.11	152.63	42.506		
11,700.00	7,321.00	17,365.00	7,068.05	141.34	281.92	70.42	-4,856.02	-11,100.49	6,388.34	6,235.02	153.32	41.667		
11,800.00	7,321.00	17,365.00	7,068.05	142.94	281.92	70.42	-4,856.02	-11,100.49	6,288.96	6,134.93	154.03	40.829		
11,900.00	7,321.00	17,365.00	7,068.05	144.58	281.92	70.42	-4,856.02	-11,100.49	6,189.60	6,034.83	154.77	39.993		
12,000.00	7,321.00	17,365.00	7,068.05	146.25	281.92	70.42	-4,856.02	-11,100.49	6,090.26	5,934.73	155.53	39.158		
12,100.00	7,321.00	17,365.00	7,068.05	147.95	281.92	70.42	-4,856.02	-11,100.49	5,990.94	5,834.62	156.32	38.324		
12,200.00	7,321.00	17,365.00	7,068.05	149.67	281.92	70.42	-4,856.02	-11,100.49	5,891.64	5,734.50	157.14	37.492		
12,300.00	7,321.00	17,365.00	7,068.05	151.43	281.92	70.42	-4,856.02	-11,100.49	5,792.37	5,634.38	157.99	36.662		
12,400.00	7,321.00	17,365.00	7,068.05	153.22	281.92	70.42	-4,856.02	-11,100.49	5,693.13	5,534.25	158.88	35.834		
12,500.00	7,321.00	17,365.00	7,068.05	155.04	281.92	70.42	-4,856.02	-11,100.49	5,593.91	5,434.11	159.79	35.007		
12,600.00	7,321.00	17,365.00	7,068.05	156.88	281.92	70.42	-4,856.02	-11,100.49	5,494.72	5,333.97	160.75	34.183		
12,700.00	7,321.00	17,365.00	7,068.05	158.75	281.92	70.42	-4,856.02	-11,100.49	5,395.56	5,233.82	161.74	33.360		
12,800.00	7,321.00	17,365.00	7,068.05	160.65	281.92	70.42	-4,856.02	-11,100.49	5,296.43	5,133.66	162.77	32.540		
12,900.00	7,321.00	17,365.00	7,068.05	162.57	281.92	70.42	-4,856.02	-11,100.49	5,197.33	5,033.49	163.84	31.722		
13,000.00	7,321.00	17,365.00	7,068.05	164.51	281.92	70.42	-4,856.02	-11,100.49	5,098.27	4,933.31	164.96	30.907		
13,100.00	7,321.00	17,365.00	7,068.05	166.48	281.92	70.42	-4,856.02	-11,100.49	4,999.25	4,833.13	166.12	30.094		
13,200.00	7,321.00	17,365.00	7,068.05	168.48	281.92	70.42	-4,856.02	-11,100.49	4,900.26	4,732.93	167.34	29.284		
13,300.00	7,321.00	17,365.00	7,068.05	170.49	281.92	70.42	-4,856.02	-11,100.49	4,801.32	4,632.72	168.61	28.476		
13,400.00	7,321.00	17,365.00	7,068.05	172.52	281.92	70.42	-4,856.02	-11,100.49	4,702.43	4,532.49	169.93	27.672		
13,500.00	7,321.00	17,365.00	7,068.05	174.58	281.92	70.42	-4,856.02	-11,100.49	4,603.58	4,432.26	171.32	26.871		
13,600.00	7,321.00	17,365.00	7,068.05	176.66	281.92	70.42	-4,856.02	-11,100.49	4,504.78	4,332.01	172.77	26.074		
13,700.00	7,321.00	17,365.00	7,068.05	178.75	281.92	70.42	-4,856.02	-11,100.49	4,406.04	4,231.75	174.29	25.280		
13,800.00	7,321.00	17,365.00	7,068.05	180.87	281.92	70.42	-4,856.02	-11,100.49	4,307.35	4,131.47	175.88	24.490		
13,900.00	7,321.00	17,365.00	7,068.05	183.00	281.92	70.42	-4,856.02	-11,100.49	4,208.73	4,031.17	177.55	23.704		
14,000.00	7,321.00	17,365.00	7,068.05	185.15	281.92	70.42	-4,856.02	-11,100.49	4,110.17	3,930.86	179.31	22.922		
14,100.00	7,321.00	17,365.00	7,068.05	187.32	281.92	70.42	-4,856.02	-11,100.49	4,011.69	3,830.53	181.15	22.145		
14,200.00	7,321.00	17,365.00	7,068.05	189.50	281.92	70.42	-4,856.02	-11,100.49	3,913.28	3,730.18	183.10	21.373		
14,300.00	7,321.00	17,365.00	7,068.05	191.70	281.92	70.42	-4,856.02	-11,100.49	3,814.95	3,629.81	185.14	20.606		
14,400.00	7,321.00	17,365.00	7,068.05	193.92	281.92	70.42	-4,856.02	-11,100.49	3,716.71	3,529.41	187.30	19.844		
14,500.00	7,321.00	17,365.00	7,068.05	196.15	281.92	70.42	-4,856.02	-11,100.49	3,618.57	3,428.99	189.58	19.087		
14,600.00	7,321.00	17,365.00	7,068.05	198.39	281.92	70.42	-4,856.02	-11,100.49	3,520.54	3,328.55	191.99	18.337		
14,700.00	7,321.00	17,365.00	7,068.05	200.65	281.92	70.42	-4,856.02	-11,100.49	3,422.62	3,228.08	194.54	17.593		
14,800.00	7,321.00	17,365.00	7,068.05	202.92	281.92	70.42	-4,856.02	-11,100.49	3,324.82	3,127.57	197.25	16.856		
14,900.00	7,321.00	17,365.00	7,068.05	205.20	281.92	70.42	-4,856.02	-11,100.49	3,227.16	3,027.04	200.12	16.126		
15,000.00	7,321.00	17,365.00	7,068.05	207.50	281.92	70.42	-4,856.02	-11,100.49	3,129.64	2,926.47	203.17	15.404		
15,100.00	7,321.00	17,365.00	7,068.05	209.80	281.92	70.42	-4,856.02	-11,100.49	3,032.29	2,825.86	206.43	14.690		
15,200.00	7,321.00	17,365.00	7,068.05	212.12	281.92	70.42	-4,856.02	-11,100.49	2,935.11	2,725.22	209.89	13.984		
15,300.00	7,321.00	17,365.00	7,068.05	214.45	281.92	70.42	-4,856.02	-11,100.49	2,838.13	2,624.53	213.60	13.287		
15,400.00	7,321.00	17,365.00	7,068.05	216.79	281.92	70.42	-4,856.02	-11,100.49	2,741.37	2,523.80	217.57	12.600		
15,500.00	7,321.00	17,365.00	7,068.05	219.15	281.92	70.42	-4,856.02	-11,100.49	2,644.85	2,423.03	221.82	11.923		
15,600.00	7,321.00	17,365.00	7,068.05	221.51	281.92	70.42	-4,856.02	-11,100.49	2,548.59	2,322.20	226.39	11.257		
15,700.00	7,321.00	17,365.00	7,068.05	223.88	281.92	70.42	-4,856.02	-11,100.49	2,452.64	2,221.32	231.32	10.603		
15,800.00	7,321.00	17,365.00	7,068.05	226.26	281.92	70.42	-4,856.02	-11,100.49	2,357.02	2,120.40	236.63	9.961		
15,900.00	7,321.00	17,365.00	7,068.05	228.65	281.92	70.42	-4,856.02	-11,100.49	2,261.79	2,019.41	242.37	9.332		
16,000.00	7,321.00	17,365.00	7,068.05	231.04	281.92	70.42	-4,856.02	-11,100.49	2,166.98	1,918.38	248.60	8.717		
16,100.00	7,321.00	17,365.00	7,068.05	233.45	281.92	70.42	-4,856.02	-11,100.49	2,072.66	1,817.30	255.36	8.117		
16,200.00	7,321.00	17,365.00	7,068.05	235.86	281.92	70.42	-4,856.02	-11,100.49	1,978.89	1,716.17	262.73	7.532		
16,300.00	7,321.00	17,365.00	7,068.05	238.28	281.92	70.42	-4,856.02	-11,100.49	1,885.77	1,615.00	270.77	6.964		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	17,365.00	7,068.05	240.71	281.92	70.42	-4,856.02	-11,100.49	1,793.39	1,513.82	279.57	6.415		
16,500.00	7,321.00	17,365.00	7,068.05	243.15	281.92	70.42	-4,856.02	-11,100.49	1,701.87	1,412.65	289.22	5.884		
16,600.00	7,321.00	17,365.00	7,068.05	245.59	281.92	70.42	-4,856.02	-11,100.49	1,611.36	1,311.52	299.84	5.374		
16,700.00	7,321.00	17,365.00	7,068.05	248.05	281.92	70.42	-4,856.02	-11,100.49	1,522.04	1,210.51	311.52	4.886		
16,800.00	7,321.00	17,365.00	7,068.05	250.50	281.92	70.42	-4,856.02	-11,100.49	1,434.12	1,109.71	324.41	4.421		
16,900.00	7,321.00	17,365.00	7,068.05	252.97	281.92	70.42	-4,856.02	-11,100.49	1,347.89	1,009.27	338.63	3.980		
17,000.00	7,321.00	17,365.00	7,068.05	255.44	281.92	70.42	-4,856.02	-11,100.49	1,263.70	909.40	354.30	3.567		
17,100.00	7,321.00	17,365.00	7,068.05	257.91	281.92	70.42	-4,856.02	-11,100.49	1,181.97	810.44	371.52	3.181		
17,200.00	7,321.00	17,365.00	7,068.05	260.39	281.92	70.42	-4,856.02	-11,100.49	1,103.25	712.90	390.35	2.826		
17,300.00	7,321.00	17,365.00	7,068.05	262.88	281.92	70.42	-4,856.02	-11,100.49	1,028.24	617.53	410.71	2.504		
17,400.00	7,321.00	17,365.00	7,068.05	265.37	281.92	70.42	-4,856.02	-11,100.49	957.81	525.46	432.34	2.215		
17,500.00	7,321.00	17,365.00	7,068.05	267.87	281.92	70.42	-4,856.02	-11,100.49	893.03	438.35	454.68	1.964		
17,600.00	7,321.00	17,365.00	7,068.05	270.37	281.92	70.42	-4,856.02	-11,100.49	835.24	358.53	476.71	1.752		
17,700.00	7,321.00	17,365.00	7,068.05	272.88	281.92	70.42	-4,856.02	-11,100.49	785.96	289.16	496.80	1.582		
17,800.00	7,321.00	17,365.00	7,068.05	275.40	281.92	70.42	-4,856.02	-11,100.49	746.89	234.14	512.75	1.457 Level 3		
17,900.00	7,321.00	17,365.00	7,068.05	277.91	281.92	70.42	-4,856.02	-11,100.49	719.70	197.67	522.03	1.379 Level 3		
18,000.00	7,321.00	17,365.00	7,068.05	280.43	281.92	70.42	-4,856.02	-11,100.49	705.75	183.35	522.40	1.351 Level 3, ES, SF		
18,041.67	7,321.00	17,365.00	7,068.05	281.49	281.92	70.43	-4,856.02	-11,100.49	704.29	184.65	519.63	1.355 Level 3, CC		
18,100.00	7,321.00	17,318.71	7,067.61	282.97	280.66	70.41	-4,855.89	-11,146.77	705.37	186.90	518.47	1.360 Level 3		
18,200.00	7,321.00	17,217.23	7,066.33	285.53	277.91	70.41	-4,855.81	-11,248.24	710.19	191.50	518.69	1.369 Level 3		
18,300.00	7,321.00	17,122.02	7,063.81	288.11	275.33	70.36	-4,856.17	-11,343.42	718.32	200.06	518.26	1.386 Level 3		
18,400.00	7,321.00	17,029.67	7,060.20	290.70	272.83	70.29	-4,856.03	-11,435.70	730.64	213.01	517.63	1.412 Level 3		
18,500.00	7,321.00	16,929.89	7,057.09	293.30	270.12	70.38	-4,855.01	-11,535.42	746.77	228.52	518.24	1.441 Level 3		
18,600.00	7,321.00	16,836.44	7,056.91	295.90	267.58	70.80	-4,853.16	-11,628.85	764.89	245.85	519.04	1.474 Level 3		
18,700.00	7,321.00	16,737.83	7,055.87	298.50	264.91	71.20	-4,850.92	-11,727.43	783.64	263.50	520.14	1.507		
18,800.00	7,321.00	16,643.42	7,054.24	301.11	262.34	71.51	-4,849.01	-11,821.81	802.39	281.77	520.62	1.541		
18,900.00	7,321.00	16,548.43	7,051.74	303.72	259.76	71.76	-4,846.83	-11,916.74	821.69	300.73	520.96	1.577		
19,000.00	7,321.00	16,449.06	7,050.62	306.32	256.26	72.20	-4,845.42	-12,046.07	839.36	314.85	524.51	1.600		
19,100.00	7,321.00	16,320.65	7,050.95	308.93	253.59	72.57	-4,845.61	-12,144.48	855.49	330.08	525.42	1.628		
19,200.00	7,321.00	16,207.29	7,051.44	311.54	250.52	72.94	-4,847.75	-12,257.82	869.95	342.72	527.23	1.650		
19,300.00	7,321.00	16,104.61	7,051.01	314.16	247.75	73.21	-4,850.05	-12,360.47	884.44	356.37	528.07	1.675		
19,400.00	7,321.00	15,997.84	7,051.71	316.77	244.87	73.53	-4,853.71	-12,467.18	897.47	368.26	529.20	1.696		
19,500.00	7,321.00	15,904.65	7,051.68	319.38	242.35	73.76	-4,856.93	-12,560.30	910.72	381.27	529.45	1.720		
19,600.00	7,321.00	15,805.07	7,051.28	322.00	239.66	73.98	-4,859.92	-12,659.85	924.51	394.52	529.98	1.744		
19,700.00	7,321.00	15,709.20	7,050.79	324.61	237.08	74.18	-4,863.02	-12,755.67	938.12	407.85	530.27	1.769		
19,800.00	7,321.00	15,601.85	7,050.94	327.23	234.18	74.48	-4,866.17	-12,862.97	950.93	419.73	531.20	1.790		
19,900.00	7,321.00	15,509.30	7,052.29	329.85	231.68	74.75	-4,869.02	-12,955.45	960.01	428.64	531.37	1.807		
20,000.00	7,321.00	15,411.78	7,052.19	332.46	229.05	74.88	-4,871.66	-13,052.94	966.49	435.03	531.46	1.819		
20,100.00	7,321.00	15,323.96	7,052.41	335.06	226.68	74.96	-4,873.47	-13,140.74	970.16	439.24	530.92	1.827		
20,200.00	7,321.00	15,235.67	7,053.81	337.65	224.29	75.08	-4,873.71	-13,229.02	971.82	441.39	530.43	1.832		
20,300.00	7,321.00	15,159.03	7,055.23	340.22	222.21	75.17	-4,872.68	-13,305.64	972.25	443.34	528.91	1.838		
20,400.00	7,321.00	15,071.18	7,056.61	342.79	219.83	75.30	-4,869.09	-13,393.40	974.98	446.81	528.17	1.846		
20,500.00	7,321.00	14,964.42	7,057.29	345.37	216.94	75.37	-4,865.68	-13,500.10	977.14	448.23	528.91	1.847		
20,600.00	7,321.00	14,863.90	7,056.34	347.95	214.21	75.35	-4,862.93	-13,600.58	979.28	450.40	528.89	1.852		
20,700.00	7,321.00	14,756.59	7,054.03	350.53	211.31	75.24	-4,860.78	-13,707.84	981.02	451.82	529.20	1.854		
20,800.00	7,321.00	14,642.99	7,051.23	353.11	208.23	75.08	-4,859.89	-13,821.41	981.67	451.83	529.84	1.853		
20,829.88	7,321.00	14,613.97	7,050.78	353.88	207.45	75.05	-4,859.81	-13,850.42	981.65	451.94	529.71	1.853		
20,900.00	7,321.00	14,546.00	7,051.08	355.70	205.61	75.07	-4,859.09	-13,918.38	981.76	452.16	529.60	1.854		
20,976.29	7,321.00	14,485.90	7,051.92	357.67	203.98	75.13	-4,857.72	-13,978.46	982.59	454.09	528.50	1.859		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
6,100.00	4,748.59	17,484.00	7,343.44	64.35	282.45	73.47	-5,026.45	-11,076.62	10,067.68	9,952.92	114.76	87.729		
6,200.00	4,815.85	17,484.00	7,343.44	65.73	282.45	73.47	-5,026.45	-11,076.62	10,005.08	9,890.41	114.67	87.250		
6,300.00	4,883.11	17,484.00	7,343.44	67.11	282.45	73.47	-5,026.45	-11,076.62	9,943.08	9,828.50	114.58	86.777		
6,400.00	4,950.37	17,484.00	7,343.44	68.49	282.45	73.47	-5,026.45	-11,076.62	9,881.71	9,767.22	114.49	86.310		
6,500.00	5,017.63	17,484.00	7,343.44	69.87	282.45	73.47	-5,026.45	-11,076.62	9,820.98	9,706.58	114.40	85.848		
6,600.00	5,084.89	17,484.00	7,343.44	71.25	282.45	73.47	-5,026.45	-11,076.62	9,760.89	9,646.58	114.31	85.390		
6,700.00	5,152.15	17,484.00	7,343.44	72.63	282.45	73.47	-5,026.45	-11,076.62	9,701.46	9,587.24	114.22	84.937		
6,800.00	5,219.41	17,484.00	7,343.44	74.02	282.45	73.47	-5,026.45	-11,076.62	9,642.70	9,528.57	114.13	84.488		
6,900.00	5,286.67	17,484.00	7,343.44	75.40	282.45	73.47	-5,026.45	-11,076.62	9,584.62	9,470.57	114.05	84.042		
7,000.00	5,353.94	17,484.00	7,343.44	76.78	282.45	73.47	-5,026.45	-11,076.62	9,527.24	9,413.28	113.96	83.599		
7,100.00	5,421.20	17,484.00	7,343.44	78.16	282.45	73.47	-5,026.45	-11,076.62	9,470.57	9,356.68	113.89	83.158		
7,200.00	5,488.46	17,484.00	7,343.44	79.55	282.45	73.47	-5,026.45	-11,076.62	9,414.61	9,300.80	113.82	82.718		
7,300.00	5,555.72	17,484.00	7,343.44	80.93	282.45	73.47	-5,026.45	-11,076.62	9,359.40	9,245.64	113.75	82.277		
7,400.00	5,622.98	17,484.00	7,343.44	82.31	282.45	73.47	-5,026.45	-11,076.62	9,304.92	9,191.22	113.70	81.835		
7,500.00	5,690.24	17,484.00	7,343.44	83.69	282.45	73.47	-5,026.45	-11,076.62	9,251.21	9,137.55	113.67	81.389		
7,600.00	5,757.50	17,484.00	7,343.44	85.08	282.45	73.47	-5,026.45	-11,076.62	9,198.28	9,084.63	113.64	80.939		
7,700.00	5,824.76	17,484.00	7,343.44	86.46	282.45	73.47	-5,026.45	-11,076.62	9,146.13	9,032.48	113.64	80.481		
7,800.00	5,892.02	17,484.00	7,343.44	87.84	282.45	73.47	-5,026.45	-11,076.62	9,094.78	8,981.11	113.67	80.013		
7,900.00	5,959.28	17,484.00	7,343.44	89.23	282.45	73.47	-5,026.45	-11,076.62	9,044.24	8,930.52	113.72	79.532		
8,000.00	6,026.55	17,484.00	7,343.44	90.61	282.45	73.47	-5,026.45	-11,076.62	8,994.53	8,880.73	113.81	79.034		
8,100.00	6,093.81	17,484.00	7,343.44	91.99	282.45	73.47	-5,026.45	-11,076.62	8,945.67	8,831.74	113.93	78.516		
8,200.00	6,161.07	17,484.00	7,343.44	93.38	282.45	73.47	-5,026.45	-11,076.62	8,897.66	8,783.55	114.11	77.973		
8,300.00	6,228.33	17,484.00	7,343.44	94.76	282.45	73.47	-5,026.45	-11,076.62	8,850.52	8,736.17	114.35	77.399		
8,400.00	6,295.59	17,484.00	7,343.44	96.14	282.45	73.47	-5,026.45	-11,076.62	8,804.26	8,689.60	114.66	76.788		
8,500.00	6,362.85	17,484.00	7,343.44	97.53	282.45	73.47	-5,026.45	-11,076.62	8,758.90	8,643.86	115.05	76.134		
8,600.00	6,430.11	17,484.00	7,343.44	98.91	282.45	73.47	-5,026.45	-11,076.62	8,714.45	8,598.92	115.53	75.429		
8,700.00	6,497.37	17,484.00	7,343.44	100.29	282.45	73.47	-5,026.45	-11,076.62	8,670.93	8,554.80	116.13	74.665		
8,800.00	6,564.63	17,484.00	7,343.44	101.68	282.45	73.47	-5,026.45	-11,076.62	8,628.35	8,511.49	116.86	73.836		
8,900.00	6,631.89	17,484.00	7,343.44	103.06	282.45	73.47	-5,026.45	-11,076.62	8,586.72	8,468.98	117.73	72.934		
9,000.00	6,699.15	17,484.00	7,343.44	104.45	282.45	73.47	-5,026.45	-11,076.62	8,546.05	8,427.28	118.77	71.953		
9,100.00	6,766.42	17,484.00	7,343.44	105.83	282.45	73.47	-5,026.45	-11,076.62	8,506.37	8,386.38	119.99	70.889		
9,200.00	6,833.68	17,484.00	7,343.44	107.22	282.45	73.47	-5,026.45	-11,076.62	8,467.69	8,346.27	121.41	69.743		
9,300.00	6,900.94	17,484.00	7,343.44	108.60	282.45	73.47	-5,026.45	-11,076.62	8,430.01	8,306.97	123.04	68.516		
9,400.00	6,968.20	17,484.00	7,343.44	109.98	282.45	73.47	-5,026.45	-11,076.62	8,393.35	8,268.48	124.87	67.215		
9,500.00	7,035.46	17,484.00	7,343.44	111.37	282.45	73.47	-5,026.45	-11,076.62	8,357.74	8,230.81	126.92	65.849		
9,600.00	7,101.31	17,484.00	7,343.44	112.79	282.45	67.51	-5,026.45	-11,076.62	8,318.43	8,189.28	129.16	64.406		
9,700.00	7,161.49	17,484.00	7,343.44	114.30	282.45	61.24	-5,026.45	-11,076.62	8,265.10	8,133.65	131.45	62.877		
9,800.00	7,214.06	17,484.00	7,343.44	115.85	282.45	56.71	-5,026.45	-11,076.62	8,198.66	8,064.99	133.67	61.336		
9,900.00	7,257.41	17,484.00	7,343.44	117.39	282.45	53.91	-5,026.45	-11,076.62	8,120.82	7,985.14	135.68	59.855		
10,000.00	7,290.24	17,484.00	7,343.44	118.87	282.45	53.10	-5,026.45	-11,076.62	8,033.66	7,896.30	137.35	58.490		
10,100.00	7,311.53	17,484.00	7,343.44	120.23	282.45	55.79	-5,026.45	-11,076.62	7,939.56	7,800.97	138.59	57.289		
10,200.00	7,320.66	17,484.00	7,343.44	121.43	282.45	75.28	-5,026.45	-11,076.62	7,841.20	7,701.90	139.30	56.290		
10,300.00	7,321.00	17,484.00	7,343.44	122.51	282.45	94.58	-5,026.45	-11,076.62	7,741.42	7,601.81	139.61	55.449		
10,400.00	7,321.00	17,484.00	7,343.44	123.62	282.45	94.58	-5,026.45	-11,076.62	7,641.63	7,501.71	139.92	54.614		
10,500.00	7,321.00	17,484.00	7,343.44	124.77	282.45	94.58	-5,026.45	-11,076.62	7,541.84	7,401.61	140.23	53.780		
10,600.00	7,321.00	17,484.00	7,343.44	125.95	282.45	94.58	-5,026.45	-11,076.62	7,442.06	7,301.50	140.56	52.946		
10,700.00	7,321.00	17,484.00	7,343.44	127.17	282.45	94.58	-5,026.45	-11,076.62	7,342.28	7,201.39	140.90	52.112		
10,800.00	7,321.00	17,484.00	7,343.44	128.43	282.45	94.58	-5,026.45	-11,076.62	7,242.51	7,101.27	141.24	51.277		
10,900.00	7,321.00	17,484.00	7,343.44	129.72	282.45	94.58	-5,026.45	-11,076.62	7,142.75	7,001.15	141.60	50.443		
11,000.00	7,321.00	17,484.00	7,343.44	131.05	282.45	94.58	-5,026.45	-11,076.62	7,042.99	6,901.03	141.97	49.610		
11,100.00	7,321.00	17,484.00	7,343.44	132.41	282.45	94.58	-5,026.45	-11,076.62	6,943.24	6,800.89	142.35	48.776		
11,200.00	7,321.00	17,484.00	7,343.44	133.81	282.45	94.58	-5,026.45	-11,076.62	6,843.50	6,700.76	142.74	47.942		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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	7,321.00	17,484.00	7,343.44	135.25	282.45	94.58	-5,026.45	-11,076.62	6,743.77	6,600.61	143.15	47.109		
11,400.00	7,321.00	17,484.00	7,343.44	136.72	282.45	94.58	-5,026.45	-11,076.62	6,644.04	6,500.47	143.57	46.276		
11,500.00	7,321.00	17,484.00	7,343.44	138.22	282.45	94.58	-5,026.45	-11,076.62	6,544.32	6,400.31	144.01	45.443		
11,600.00	7,321.00	17,484.00	7,343.44	139.76	282.45	94.58	-5,026.45	-11,076.62	6,444.61	6,300.15	144.46	44.610		
11,700.00	7,321.00	17,484.00	7,343.44	141.34	282.45	94.58	-5,026.45	-11,076.62	6,344.91	6,199.98	144.93	43.778		
11,800.00	7,321.00	17,484.00	7,343.44	142.94	282.45	94.58	-5,026.45	-11,076.62	6,245.22	6,099.80	145.42	42.946		
11,900.00	7,321.00	17,484.00	7,343.44	144.58	282.45	94.58	-5,026.45	-11,076.62	6,145.54	5,999.62	145.92	42.114		
12,000.00	7,321.00	17,484.00	7,343.44	146.25	282.45	94.58	-5,026.45	-11,076.62	6,045.87	5,899.42	146.45	41.283		
12,100.00	7,321.00	17,484.00	7,343.44	147.95	282.45	94.58	-5,026.45	-11,076.62	5,946.21	5,799.22	146.99	40.453		
12,200.00	7,321.00	17,484.00	7,343.44	149.67	282.45	94.58	-5,026.45	-11,076.62	5,846.56	5,699.01	147.56	39.623		
12,300.00	7,321.00	17,484.00	7,343.44	151.43	282.45	94.58	-5,026.45	-11,076.62	5,746.93	5,598.78	148.14	38.793		
12,400.00	7,321.00	17,484.00	7,343.44	153.22	282.45	94.58	-5,026.45	-11,076.62	5,647.30	5,498.55	148.75	37.964		
12,500.00	7,321.00	17,484.00	7,343.44	155.04	282.45	94.58	-5,026.45	-11,076.62	5,547.69	5,398.31	149.39	37.136		
12,600.00	7,321.00	17,484.00	7,343.44	156.88	282.45	94.58	-5,026.45	-11,076.62	5,448.10	5,298.05	150.05	36.308		
12,700.00	7,321.00	17,484.00	7,343.44	158.75	282.45	94.58	-5,026.45	-11,076.62	5,348.52	5,197.78	150.74	35.481		
12,800.00	7,321.00	17,484.00	7,343.44	160.65	282.45	94.58	-5,026.45	-11,076.62	5,248.96	5,097.50	151.46	34.656		
12,900.00	7,321.00	17,484.00	7,343.44	162.57	282.45	94.58	-5,026.45	-11,076.62	5,149.41	4,997.20	152.21	33.831		
13,000.00	7,321.00	17,484.00	7,343.44	164.51	282.45	94.58	-5,026.45	-11,076.62	5,049.88	4,896.89	153.00	33.007		
13,100.00	7,321.00	17,484.00	7,343.44	166.48	282.45	94.58	-5,026.45	-11,076.62	4,950.37	4,796.56	153.81	32.184		
13,200.00	7,321.00	17,484.00	7,343.44	168.48	282.45	94.58	-5,026.45	-11,076.62	4,850.88	4,696.21	154.67	31.362		
13,300.00	7,321.00	17,484.00	7,343.44	170.49	282.45	94.58	-5,026.45	-11,076.62	4,751.41	4,595.84	155.57	30.542		
13,400.00	7,321.00	17,484.00	7,343.44	172.52	282.45	94.58	-5,026.45	-11,076.62	4,651.97	4,495.46	156.51	29.723		
13,500.00	7,321.00	17,484.00	7,343.44	174.58	282.45	94.58	-5,026.45	-11,076.62	4,552.55	4,395.05	157.50	28.906		
13,600.00	7,321.00	17,484.00	7,343.44	176.66	282.45	94.58	-5,026.45	-11,076.62	4,453.15	4,294.62	158.53	28.090		
13,700.00	7,321.00	17,484.00	7,343.44	178.75	282.45	94.58	-5,026.45	-11,076.62	4,353.78	4,194.17	159.62	27.276		
13,800.00	7,321.00	17,484.00	7,343.44	180.87	282.45	94.58	-5,026.45	-11,076.62	4,254.45	4,093.68	160.76	26.464		
13,900.00	7,321.00	17,484.00	7,343.44	183.00	282.45	94.58	-5,026.45	-11,076.62	4,155.14	3,993.17	161.97	25.654		
14,000.00	7,321.00	17,484.00	7,343.44	185.15	282.45	94.58	-5,026.45	-11,076.62	4,055.87	3,892.63	163.23	24.847		
14,100.00	7,321.00	17,484.00	7,343.44	187.32	282.45	94.58	-5,026.45	-11,076.62	3,956.63	3,792.06	164.57	24.042		
14,200.00	7,321.00	17,484.00	7,343.44	189.50	282.45	94.58	-5,026.45	-11,076.62	3,857.44	3,691.45	165.99	23.239		
14,300.00	7,321.00	17,484.00	7,343.44	191.70	282.45	94.58	-5,026.45	-11,076.62	3,758.28	3,590.80	167.48	22.440		
14,400.00	7,321.00	17,484.00	7,343.44	193.92	282.45	94.58	-5,026.45	-11,076.62	3,659.18	3,490.11	169.06	21.644		
14,500.00	7,321.00	17,484.00	7,343.44	196.15	282.45	94.58	-5,026.45	-11,076.62	3,560.12	3,389.38	170.74	20.851		
14,600.00	7,321.00	17,484.00	7,343.44	198.39	282.45	94.58	-5,026.45	-11,076.62	3,461.12	3,288.59	172.53	20.061		
14,700.00	7,321.00	17,484.00	7,343.44	200.65	282.45	94.58	-5,026.45	-11,076.62	3,362.17	3,187.75	174.42	19.276		
14,800.00	7,321.00	17,484.00	7,343.44	202.92	282.45	94.58	-5,026.45	-11,076.62	3,263.29	3,086.85	176.44	18.495		
14,900.00	7,321.00	17,484.00	7,343.44	205.20	282.45	94.58	-5,026.45	-11,076.62	3,164.48	2,985.89	178.59	17.719		
15,000.00	7,321.00	17,484.00	7,343.44	207.50	282.45	94.58	-5,026.45	-11,076.62	3,065.75	2,884.86	180.90	16.948		
15,100.00	7,321.00	17,484.00	7,343.44	209.80	282.45	94.58	-5,026.45	-11,076.62	2,967.10	2,783.74	183.36	16.182		
15,200.00	7,321.00	17,484.00	7,343.44	212.12	282.45	94.58	-5,026.45	-11,076.62	2,868.55	2,682.55	186.00	15.422		
15,300.00	7,321.00	17,484.00	7,343.44	214.45	282.45	94.58	-5,026.45	-11,076.62	2,770.10	2,581.26	188.84	14.669		
15,400.00	7,321.00	17,484.00	7,343.44	216.79	282.45	94.58	-5,026.45	-11,076.62	2,671.77	2,479.86	191.90	13.922		
15,500.00	7,321.00	17,484.00	7,343.44	219.15	282.45	94.58	-5,026.45	-11,076.62	2,573.56	2,378.35	195.21	13.184		
15,600.00	7,321.00	17,484.00	7,343.44	221.51	282.45	94.58	-5,026.45	-11,076.62	2,475.50	2,276.71	198.78	12.453		
15,700.00	7,321.00	17,484.00	7,343.44	223.88	282.45	94.58	-5,026.45	-11,076.62	2,377.60	2,174.93	202.66	11.732		
15,800.00	7,321.00	17,484.00	7,343.44	226.26	282.45	94.58	-5,026.45	-11,076.62	2,279.88	2,072.99	206.88	11.020		
15,900.00	7,321.00	17,484.00	7,343.44	228.65	282.45	94.58	-5,026.45	-11,076.62	2,182.36	1,970.87	211.49	10.319		
16,000.00	7,321.00	17,484.00	7,343.44	231.04	282.45	94.58	-5,026.45	-11,076.62	2,085.09	1,868.55	216.53	9.629		
16,100.00	7,321.00	17,484.00	7,343.44	233.45	282.45	94.58	-5,026.45	-11,076.62	1,988.08	1,766.01	222.07	8.952		
16,200.00	7,321.00	17,484.00	7,343.44	235.86	282.45	94.58	-5,026.45	-11,076.62	1,891.39	1,663.20	228.18	8.289		
16,300.00	7,321.00	17,484.00	7,343.44	238.28	282.45	94.58	-5,026.45	-11,076.62	1,795.06	1,560.11	234.94	7.640		
16,400.00	7,321.00	17,484.00	7,343.44	240.71	282.45	94.58	-5,026.45	-11,076.62	1,699.15	1,456.69	242.45	7.008		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,500.00	7,321.00	17,484.00	7,343.44	243.15	282.45	94.58	-5,026.45	-11,076.62	1,603.74	1,352.90	250.84	6.394		
16,600.00	7,321.00	17,484.00	7,343.44	245.59	282.45	94.58	-5,026.45	-11,076.62	1,508.92	1,248.69	260.24	5.798		
16,700.00	7,321.00	17,484.00	7,343.44	248.05	282.45	94.58	-5,026.45	-11,076.62	1,414.82	1,144.00	270.83	5.224		
16,800.00	7,321.00	17,484.00	7,343.44	250.50	282.45	94.58	-5,026.45	-11,076.62	1,321.59	1,038.78	282.82	4.673		
16,900.00	7,321.00	17,484.00	7,343.44	252.97	282.45	94.58	-5,026.45	-11,076.62	1,229.42	932.97	296.46	4.147		
17,000.00	7,321.00	17,484.00	7,343.44	255.44	282.45	94.58	-5,026.45	-11,076.62	1,138.58	826.53	312.05	3.649		
17,100.00	7,321.00	17,484.00	7,343.44	257.91	282.45	94.58	-5,026.45	-11,076.62	1,049.40	719.45	329.94	3.181		
17,200.00	7,321.00	17,484.00	7,343.44	260.39	282.45	94.58	-5,026.45	-11,076.62	962.35	611.81	350.53	2.745		
17,300.00	7,321.00	17,484.00	7,343.44	262.88	282.45	94.58	-5,026.45	-11,076.62	878.06	503.85	374.21	2.346		
17,400.00	7,321.00	17,484.00	7,343.44	265.37	282.45	94.58	-5,026.45	-11,076.62	797.41	396.12	401.29	1.987		
17,500.00	7,321.00	17,484.00	7,343.44	267.87	282.45	94.58	-5,026.45	-11,076.62	721.62	289.81	431.81	1.671		
17,600.00	7,321.00	17,484.00	7,343.44	270.37	282.45	94.58	-5,026.45	-11,076.62	652.39	187.30	465.09	1.403 Level 3		
17,700.00	7,321.00	17,484.00	7,343.44	272.88	282.45	94.58	-5,026.45	-11,076.62	592.02	92.91	499.11	1.186 Level 2		
17,800.00	7,321.00	17,484.00	7,343.44	275.40	282.45	94.58	-5,026.45	-11,076.62	543.48	13.89	529.59	1.026 Level 2		
17,900.00	7,321.00	17,484.00	7,343.44	277.91	282.45	94.58	-5,026.45	-11,076.62	510.14	-39.64	549.78	0.928 Level 1		
18,000.00	7,321.00	17,484.00	7,343.44	280.43	282.45	94.58	-5,026.45	-11,076.62	495.10	-57.26	552.35	0.896 Level 1		
18,100.00	7,321.00	17,395.71	7,343.02	282.97	280.06	94.54	-5,029.22	-11,164.87	492.99	-58.28	551.26	0.894 Level 1, CC, ES, SF		
18,104.45	7,321.00	17,391.63	7,343.00	283.08	279.95	94.54	-5,029.33	-11,168.95	492.99	-58.23	551.22	0.894 Level 1		
18,200.00	7,321.00	17,303.44	7,342.24	285.53	277.56	94.43	-5,031.05	-11,257.12	495.51	-54.90	550.41	0.900 Level 1		
18,300.00	7,321.00	17,197.31	7,338.86	288.11	274.69	93.99	-5,032.42	-11,363.17	502.06	-49.21	551.28	0.911 Level 1		
18,400.00	7,321.00	17,099.15	7,332.87	290.70	272.04	93.26	-5,034.60	-11,461.12	510.99	-40.33	551.32	0.927 Level 1		
18,500.00	7,321.00	16,992.46	7,322.91	293.30	269.17	92.09	-5,037.10	-11,567.30	523.23	-28.99	552.22	0.948 Level 1		
18,600.00	7,321.00	16,900.33	7,311.34	295.90	266.71	90.79	-5,039.44	-11,658.67	537.55	-13.91	551.46	0.975 Level 1		
18,700.00	7,321.00	16,803.00	7,297.99	298.50	264.11	89.37	-5,041.51	-11,755.06	552.61	1.70	550.91	1.003 Level 2		
18,800.00	7,321.00	16,708.00	7,283.61	301.11	261.57	87.92	-5,043.25	-11,848.95	568.34	18.55	549.79	1.034 Level 2		
18,900.00	7,321.00	16,614.00	7,269.42	303.72	259.07	86.56	-5,044.28	-11,941.86	585.15	36.83	548.31	1.067 Level 2		
19,000.00	7,321.00	16,520.00	7,256.22	306.32	256.55	85.38	-5,044.67	-12,034.93	602.87	56.14	546.73	1.103 Level 2		
19,100.00	7,321.00	16,425.00	7,244.70	308.93	254.00	84.42	-5,044.36	-12,129.22	621.37	76.05	545.32	1.139 Level 2		
19,200.00	7,321.00	16,331.00	7,236.91	311.54	251.46	83.87	-5,043.28	-12,222.88	640.43	96.29	544.14	1.177 Level 2		
19,300.00	7,321.00	16,256.41	7,234.45	314.16	249.44	83.80	-5,040.46	-12,297.37	661.57	120.75	540.82	1.223 Level 2		
19,400.00	7,321.00	16,182.39	7,234.80	316.77	247.43	84.00	-5,034.72	-12,371.16	686.18	148.86	537.32	1.277 Level 3		
19,500.00	7,321.00	16,085.93	7,236.71	319.38	244.82	84.39	-5,024.61	-12,467.06	713.29	175.67	537.62	1.327 Level 3		
19,600.00	7,321.00	15,977.68	7,232.50	322.00	241.89	84.26	-5,016.09	-12,574.87	738.41	199.21	539.20	1.369 Level 3		
19,700.00	7,321.00	15,884.00	7,225.44	324.61	239.35	83.90	-5,009.40	-12,668.04	763.23	224.96	538.27	1.418 Level 3		
19,800.00	7,321.00	15,758.05	7,220.16	327.23	235.94	83.76	-5,001.34	-12,793.60	786.16	244.45	541.71	1.451 Level 3		
19,900.00	7,321.00	15,631.97	7,217.08	329.85	232.52	83.73	-4,998.40	-12,919.60	801.43	257.02	544.41	1.472 Level 3		
20,000.00	7,321.00	15,528.64	7,211.92	332.46	229.72	83.46	-4,998.33	-13,022.79	811.37	266.98	544.39	1.490 Level 3		
20,100.00	7,321.00	15,421.58	7,204.99	335.06	226.83	83.04	-4,998.57	-13,129.62	817.80	273.35	544.45	1.502		
20,200.00	7,321.00	15,323.30	7,196.68	337.65	224.18	82.48	-5,000.02	-13,227.55	819.81	276.24	543.56	1.508		
20,300.00	7,321.00	15,235.11	7,190.31	340.22	221.80	82.03	-5,000.25	-13,315.50	820.06	278.16	541.90	1.513		
20,400.00	7,321.00	15,139.58	7,186.65	342.79	219.22	81.78	-4,998.85	-13,410.95	821.28	280.16	541.12	1.518		
20,500.00	7,321.00	15,030.91	7,185.96	345.37	216.27	81.75	-4,997.11	-13,519.60	822.20	280.34	541.86	1.517		
20,600.00	7,321.00	14,912.15	7,184.25	347.95	213.06	81.61	-4,997.56	-13,638.34	821.27	278.05	543.22	1.512		
20,700.00	7,321.00	14,815.17	7,179.94	350.53	210.44	81.29	-4,999.29	-13,735.20	819.40	276.89	542.51	1.510		
20,800.00	7,321.00	14,717.16	7,174.33	353.11	207.80	80.88	-5,000.75	-13,833.03	818.05	276.32	541.73	1.510		
20,900.00	7,321.00	14,608.01	7,166.43	355.70	204.86	80.29	-5,003.92	-13,941.85	815.56	274.07	541.48	1.506		
20,976.29	7,321.00	14,543.00	7,162.60	357.67	203.11	80.00	-5,005.18	-14,006.73	814.27	274.14	540.14	1.508		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,100.00	7,321.00	17,140.00	7,404.68	132.41	269.49	-94.35	-6,921.94	-14,155.57	10,103.43	9,959.86	143.57	70.374		
11,200.00	7,321.00	17,140.00	7,404.68	133.81	269.49	-94.35	-6,921.94	-14,155.57	10,004.41	9,860.91	143.51	69.715		
11,300.00	7,321.00	17,140.00	7,404.68	135.25	269.49	-94.35	-6,921.94	-14,155.57	9,905.41	9,761.97	143.44	69.054		
11,400.00	7,321.00	17,140.00	7,404.68	136.72	269.49	-94.35	-6,921.94	-14,155.57	9,806.44	9,663.05	143.38	68.393		
11,500.00	7,321.00	17,140.00	7,404.68	138.22	269.49	-94.35	-6,921.94	-14,155.57	9,707.48	9,564.16	143.32	67.731		
11,600.00	7,321.00	17,140.00	7,404.68	139.76	269.49	-94.35	-6,921.94	-14,155.57	9,608.55	9,465.28	143.27	67.068		
11,700.00	7,321.00	17,140.00	7,404.68	141.34	269.49	-94.35	-6,921.94	-14,155.57	9,509.63	9,366.42	143.21	66.405		
11,800.00	7,321.00	17,140.00	7,404.68	142.94	269.49	-94.35	-6,921.94	-14,155.57	9,410.74	9,267.59	143.15	65.740		
11,900.00	7,321.00	17,140.00	7,404.68	144.58	269.49	-94.35	-6,921.94	-14,155.57	9,311.88	9,168.78	143.10	65.074		
12,000.00	7,321.00	17,140.00	7,404.68	146.25	269.49	-94.35	-6,921.94	-14,155.57	9,213.03	9,069.99	143.04	64.408		
12,100.00	7,321.00	17,140.00	7,404.68	147.95	269.49	-94.35	-6,921.94	-14,155.57	9,114.22	8,971.23	142.99	63.740		
12,200.00	7,321.00	17,140.00	7,404.68	149.67	269.49	-94.35	-6,921.94	-14,155.57	9,015.43	8,872.49	142.94	63.072		
12,300.00	7,321.00	17,140.00	7,404.68	151.43	269.49	-94.35	-6,921.94	-14,155.57	8,916.66	8,773.77	142.89	62.402		
12,400.00	7,321.00	17,140.00	7,404.68	153.22	269.49	-94.35	-6,921.94	-14,155.57	8,817.93	8,675.09	142.84	61.731		
12,500.00	7,321.00	17,140.00	7,404.68	155.04	269.49	-94.35	-6,921.94	-14,155.57	8,719.22	8,576.42	142.80	61.060		
12,600.00	7,321.00	17,140.00	7,404.68	156.88	269.49	-94.35	-6,921.94	-14,155.57	8,620.55	8,477.79	142.76	60.387		
12,700.00	7,321.00	17,140.00	7,404.68	158.75	269.49	-94.35	-6,921.94	-14,155.57	8,521.90	8,379.18	142.72	59.712		
12,800.00	7,321.00	17,140.00	7,404.68	160.65	269.49	-94.35	-6,921.94	-14,155.57	8,423.29	8,280.61	142.68	59.037		
12,900.00	7,321.00	17,140.00	7,404.68	162.57	269.49	-94.35	-6,921.94	-14,155.57	8,324.71	8,182.06	142.64	58.360		
13,000.00	7,321.00	17,140.00	7,404.68	164.51	269.49	-94.35	-6,921.94	-14,155.57	8,226.16	8,083.55	142.61	57.682		
13,100.00	7,321.00	17,140.00	7,404.68	166.48	269.49	-94.35	-6,921.94	-14,155.57	8,127.65	7,985.06	142.59	57.002		
13,200.00	7,321.00	17,140.00	7,404.68	168.48	269.49	-94.35	-6,921.94	-14,155.57	8,029.17	7,886.61	142.56	56.321		
13,300.00	7,321.00	17,140.00	7,404.68	170.49	269.49	-94.35	-6,921.94	-14,155.57	7,930.74	7,788.19	142.54	55.638		
13,400.00	7,321.00	17,140.00	7,404.68	172.52	269.49	-94.35	-6,921.94	-14,155.57	7,832.34	7,689.81	142.53	54.953		
13,500.00	7,321.00	17,140.00	7,404.68	174.58	269.49	-94.35	-6,921.94	-14,155.57	7,733.98	7,591.47	142.52	54.267		
13,600.00	7,321.00	17,140.00	7,404.68	176.66	269.49	-94.35	-6,921.94	-14,155.57	7,635.67	7,493.16	142.51	53.579		
13,700.00	7,321.00	17,140.00	7,404.68	178.75	269.49	-94.35	-6,921.94	-14,155.57	7,537.40	7,394.89	142.51	52.889		
13,800.00	7,321.00	17,140.00	7,404.68	180.87	269.49	-94.35	-6,921.94	-14,155.57	7,439.18	7,296.66	142.52	52.197		
13,900.00	7,321.00	17,140.00	7,404.68	183.00	269.49	-94.35	-6,921.94	-14,155.57	7,341.01	7,198.47	142.54	51.503		
14,000.00	7,321.00	17,140.00	7,404.68	185.15	269.49	-94.35	-6,921.94	-14,155.57	7,242.88	7,100.33	142.56	50.807		
14,100.00	7,321.00	17,140.00	7,404.68	187.32	269.49	-94.35	-6,921.94	-14,155.57	7,144.81	7,002.22	142.59	50.108		
14,200.00	7,321.00	17,140.00	7,404.68	189.50	269.49	-94.35	-6,921.94	-14,155.57	7,046.79	6,904.16	142.63	49.407		
14,300.00	7,321.00	17,140.00	7,404.68	191.70	269.49	-94.35	-6,921.94	-14,155.57	6,948.83	6,806.15	142.68	48.703		
14,400.00	7,321.00	17,140.00	7,404.68	193.92	269.49	-94.35	-6,921.94	-14,155.57	6,850.93	6,708.19	142.74	47.996		
14,500.00	7,321.00	17,140.00	7,404.68	196.15	269.49	-94.35	-6,921.94	-14,155.57	6,753.09	6,610.28	142.81	47.287		
14,600.00	7,321.00	17,140.00	7,404.68	198.39	269.49	-94.35	-6,921.94	-14,155.57	6,655.31	6,512.41	142.90	46.574		
14,700.00	7,321.00	17,140.00	7,404.68	200.65	269.49	-94.35	-6,921.94	-14,155.57	6,557.60	6,414.60	143.00	45.858		
14,800.00	7,321.00	17,140.00	7,404.68	202.92	269.49	-94.35	-6,921.94	-14,155.57	6,459.96	6,316.85	143.12	45.138		
14,900.00	7,321.00	17,140.00	7,404.68	205.20	269.49	-94.35	-6,921.94	-14,155.57	6,362.39	6,219.14	143.25	44.415		
15,000.00	7,321.00	17,140.00	7,404.68	207.50	269.49	-94.35	-6,921.94	-14,155.57	6,264.90	6,121.50	143.40	43.687		
15,100.00	7,321.00	17,140.00	7,404.68	209.80	269.49	-94.35	-6,921.94	-14,155.57	6,167.50	6,023.92	143.58	42.955		
15,200.00	7,321.00	17,140.00	7,404.68	212.12	269.49	-94.35	-6,921.94	-14,155.57	6,070.17	5,926.39	143.78	42.219		
15,300.00	7,321.00	17,140.00	7,404.68	214.45	269.49	-94.35	-6,921.94	-14,155.57	5,972.93	5,828.93	144.00	41.477		
15,400.00	7,321.00	17,140.00	7,404.68	216.79	269.49	-94.35	-6,921.94	-14,155.57	5,875.79	5,731.53	144.26	40.731		
15,500.00	7,321.00	17,140.00	7,404.68	219.15	269.49	-94.35	-6,921.94	-14,155.57	5,778.74	5,634.20	144.55	39.978		
15,600.00	7,321.00	17,140.00	7,404.68	221.51	269.49	-94.35	-6,921.94	-14,155.57	5,681.80	5,536.93	144.87	39.220		
15,700.00	7,321.00	17,140.00	7,404.68	223.88	269.49	-94.35	-6,921.94	-14,155.57	5,584.96	5,439.73	145.23	38.455		
15,800.00	7,321.00	17,140.00	7,404.68	226.26	269.49	-94.35	-6,921.94	-14,155.57	5,488.24	5,342.60	145.64	37.684		
15,900.00	7,321.00	17,140.00	7,404.68	228.65	269.49	-94.35	-6,921.94	-14,155.57	5,391.64	5,245.54	146.09	36.905		
16,000.00	7,321.00	17,140.00	7,404.68	231.04	269.49	-94.35	-6,921.94	-14,155.57	5,295.16	5,148.55	146.61	36.118		
16,100.00	7,321.00	17,140.00	7,404.68	233.45	269.49	-94.35	-6,921.94	-14,155.57	5,198.81	5,051.64	147.18	35.323		
16,200.00	7,321.00	17,140.00	7,404.68	235.86	269.49	-94.35	-6,921.94	-14,155.57	5,102.61	4,954.79	147.82	34.519		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,300.00	7,321.00	17,140.00	7,404.68	238.28	269.49	-94.35	-6,921.94	-14,155.57	5,006.56	4,858.02	148.54	33.706		
16,400.00	7,321.00	17,140.00	7,404.68	240.71	269.49	-94.35	-6,921.94	-14,155.57	4,910.66	4,761.32	149.34	32.883		
16,500.00	7,321.00	17,140.00	7,404.68	243.15	269.49	-94.35	-6,921.94	-14,155.57	4,814.93	4,664.69	150.24	32.049		
16,600.00	7,321.00	17,140.00	7,404.68	245.59	269.49	-94.35	-6,921.94	-14,155.57	4,719.38	4,568.13	151.24	31.204		
16,700.00	7,321.00	17,140.00	7,404.68	248.05	269.49	-94.35	-6,921.94	-14,155.57	4,624.01	4,471.64	152.37	30.348		
16,800.00	7,321.00	17,140.00	7,404.68	250.50	269.49	-94.35	-6,921.94	-14,155.57	4,528.85	4,375.22	153.63	29.480		
16,900.00	7,321.00	17,140.00	7,404.68	252.97	269.49	-94.35	-6,921.94	-14,155.57	4,433.89	4,278.86	155.03	28.600		
17,000.00	7,321.00	17,140.00	7,404.68	255.44	269.49	-94.35	-6,921.94	-14,155.57	4,339.17	4,182.56	156.61	27.707		
17,100.00	7,321.00	17,140.00	7,404.68	257.91	269.49	-94.35	-6,921.94	-14,155.57	4,244.68	4,086.32	158.37	26.803		
17,200.00	7,321.00	17,140.00	7,404.68	260.39	269.49	-94.35	-6,921.94	-14,155.57	4,150.46	3,990.13	160.33	25.887		
17,300.00	7,321.00	17,140.00	7,404.68	262.88	269.49	-94.35	-6,921.94	-14,155.57	4,056.51	3,893.98	162.53	24.959		
17,400.00	7,321.00	17,140.00	7,404.68	265.37	269.49	-94.35	-6,921.94	-14,155.57	3,962.86	3,797.89	164.97	24.021		
17,500.00	7,321.00	17,140.00	7,404.68	267.87	269.49	-94.35	-6,921.94	-14,155.57	3,869.52	3,701.82	167.70	23.074		
17,600.00	7,321.00	17,140.00	7,404.68	270.37	269.49	-94.35	-6,921.94	-14,155.57	3,776.53	3,605.80	170.73	22.120		
17,700.00	7,321.00	17,140.00	7,404.68	272.88	269.49	-94.35	-6,921.94	-14,155.57	3,683.90	3,509.81	174.10	21.160		
17,800.00	7,321.00	17,140.00	7,404.68	275.40	269.49	-94.35	-6,921.94	-14,155.57	3,591.67	3,413.84	177.83	20.197		
17,900.00	7,321.00	17,140.00	7,404.68	277.91	269.49	-94.35	-6,921.94	-14,155.57	3,499.87	3,317.91	181.96	19.235		
18,000.00	7,321.00	17,140.00	7,404.68	280.43	269.49	-94.35	-6,921.94	-14,155.57	3,408.53	3,222.02	186.51	18.275		
18,100.00	7,321.00	17,140.00	7,404.68	282.97	269.49	-94.64	-6,921.94	-14,155.57	3,317.21	3,125.82	191.39	17.332		
18,200.00	7,321.00	17,140.00	7,404.68	285.53	269.49	-95.04	-6,921.94	-14,155.57	3,225.02	3,028.69	196.33	16.426		
18,300.00	7,321.00	17,140.00	7,404.68	288.11	269.49	-95.50	-6,921.94	-14,155.57	3,131.96	2,930.69	201.28	15.560		
18,400.00	7,321.00	17,140.00	7,404.68	290.70	269.49	-96.05	-6,921.94	-14,155.57	3,038.07	2,831.89	206.18	14.735		
18,500.00	7,321.00	17,140.00	7,404.68	293.30	269.49	-96.71	-6,921.94	-14,155.57	2,943.39	2,732.39	211.00	13.950		
18,600.00	7,321.00	17,140.00	7,404.68	295.90	269.49	-96.81	-6,921.94	-14,155.57	2,848.36	2,632.45	215.90	13.193		
18,700.00	7,321.00	17,140.00	7,404.68	298.50	269.49	-96.81	-6,921.94	-14,155.57	2,753.66	2,532.44	221.22	12.448		
18,800.00	7,321.00	17,140.00	7,404.68	301.11	269.49	-96.81	-6,921.94	-14,155.57	2,659.35	2,432.34	227.01	11.715		
18,900.00	7,321.00	17,140.00	7,404.68	303.72	269.49	-96.81	-6,921.94	-14,155.57	2,565.48	2,332.16	233.32	10.996		
19,000.00	7,321.00	17,140.00	7,404.68	306.32	269.49	-96.81	-6,921.94	-14,155.57	2,472.08	2,231.90	240.19	10.292		
19,100.00	7,321.00	17,140.00	7,404.68	308.93	269.49	-96.81	-6,921.94	-14,155.57	2,379.22	2,131.55	247.68	9.606		
19,200.00	7,321.00	17,140.00	7,404.68	311.54	269.49	-96.81	-6,921.94	-14,155.57	2,286.97	2,031.11	255.86	8.938		
19,300.00	7,321.00	17,140.00	7,404.68	314.16	269.49	-96.81	-6,921.94	-14,155.57	2,195.39	1,930.60	264.79	8.291		
19,400.00	7,321.00	17,140.00	7,404.68	316.77	269.49	-96.81	-6,921.94	-14,155.57	2,104.58	1,830.03	274.55	7.666		
19,500.00	7,321.00	17,140.00	7,404.68	319.38	269.49	-96.81	-6,921.94	-14,155.57	2,014.64	1,729.42	285.22	7.063		
19,600.00	7,321.00	17,140.00	7,404.68	322.00	269.49	-96.81	-6,921.94	-14,155.57	1,925.69	1,628.79	296.90	6.486		
19,700.00	7,321.00	17,140.00	7,404.68	324.61	269.49	-96.81	-6,921.94	-14,155.57	1,837.88	1,528.20	309.68	5.935		
19,800.00	7,321.00	17,140.00	7,404.68	327.23	269.49	-96.52	-6,921.94	-14,155.57	1,751.90	1,427.97	323.93	5.408		
19,900.00	7,321.00	17,140.00	7,404.68	329.85	269.49	-96.19	-6,921.94	-14,155.57	1,669.37	1,329.02	340.35	4.905		
20,000.00	7,321.00	17,140.00	7,404.68	332.46	269.49	-95.92	-6,921.94	-14,155.57	1,591.02	1,231.93	359.09	4.431		
20,100.00	7,321.00	17,140.00	7,404.68	335.06	269.49	-95.71	-6,921.94	-14,155.57	1,517.58	1,137.41	380.17	3.992		
20,200.00	7,321.00	17,140.00	7,404.68	337.65	269.49	-95.52	-6,921.94	-14,155.57	1,449.90	1,046.40	403.50	3.593		
20,300.00	7,321.00	17,140.00	7,404.68	340.22	269.49	-95.46	-6,921.94	-14,155.57	1,388.42	959.72	428.70	3.239		
20,400.00	7,321.00	17,140.00	7,404.68	342.79	269.49	-95.46	-6,921.94	-14,155.57	1,331.88	876.96	454.92	2.928		
20,500.00	7,321.00	17,140.00	7,404.68	345.37	269.49	-95.46	-6,921.94	-14,155.57	1,280.66	798.99	481.66	2.659		
20,600.00	7,321.00	17,140.00	7,404.68	347.95	269.49	-95.46	-6,921.94	-14,155.57	1,235.42	727.06	508.36	2.430		
20,700.00	7,321.00	17,140.00	7,404.68	350.53	269.49	-95.46	-6,921.94	-14,155.57	1,196.85	662.57	534.29	2.240		
20,800.00	7,321.00	17,140.00	7,404.68	353.11	269.49	-95.46	-6,921.94	-14,155.57	1,165.61	607.02	558.58	2.087		
20,900.00	7,321.00	17,140.00	7,404.68	355.70	269.49	-95.46	-6,921.94	-14,155.57	1,142.29	561.96	580.33	1.968		
20,976.29	7,321.00	17,140.00	7,404.68	357.67	269.49	-95.46	-6,921.94	-14,155.57	1,130.14	535.50	594.65	1.901	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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,100.00	7,321.00	16,920.00	7,238.92	132.41	269.68	-87.85	-7,093.19	-14,149.92	10,122.70	9,975.78	146.91	68.902		
11,200.00	7,321.00	16,920.00	7,238.92	133.81	269.68	-87.85	-7,093.19	-14,149.92	10,023.93	9,877.06	146.86	68.254		
11,300.00	7,321.00	16,920.00	7,238.92	135.25	269.68	-87.85	-7,093.19	-14,149.92	9,925.18	9,778.37	146.81	67.605		
11,400.00	7,321.00	16,920.00	7,238.92	136.72	269.68	-87.85	-7,093.19	-14,149.92	9,826.46	9,679.70	146.76	66.956		
11,500.00	7,321.00	16,920.00	7,238.92	138.22	269.68	-87.85	-7,093.19	-14,149.92	9,727.76	9,581.05	146.71	66.305		
11,600.00	7,321.00	16,920.00	7,238.92	139.76	269.68	-87.85	-7,093.19	-14,149.92	9,629.09	9,482.43	146.66	65.654		
11,700.00	7,321.00	16,920.00	7,238.92	141.34	269.68	-87.85	-7,093.19	-14,149.92	9,530.45	9,383.83	146.62	65.001		
11,800.00	7,321.00	16,920.00	7,238.92	142.94	269.68	-87.85	-7,093.19	-14,149.92	9,431.84	9,285.26	146.58	64.348		
11,900.00	7,321.00	16,920.00	7,238.92	144.58	269.68	-87.85	-7,093.19	-14,149.92	9,333.26	9,186.72	146.53	63.693		
12,000.00	7,321.00	16,920.00	7,238.92	146.25	269.68	-87.85	-7,093.19	-14,149.92	9,234.70	9,088.21	146.50	63.038		
12,100.00	7,321.00	16,920.00	7,238.92	147.95	269.68	-87.85	-7,093.19	-14,149.92	9,136.18	8,989.72	146.46	62.381		
12,200.00	7,321.00	16,920.00	7,238.92	149.67	269.68	-87.85	-7,093.19	-14,149.92	9,037.70	8,891.27	146.42	61.723		
12,300.00	7,321.00	16,920.00	7,238.92	151.43	269.68	-87.85	-7,093.19	-14,149.92	8,939.24	8,792.85	146.39	61.064		
12,400.00	7,321.00	16,920.00	7,238.92	153.22	269.68	-87.85	-7,093.19	-14,149.92	8,840.82	8,694.46	146.36	60.403		
12,500.00	7,321.00	16,920.00	7,238.92	155.04	269.68	-87.85	-7,093.19	-14,149.92	8,742.44	8,596.10	146.34	59.741		
12,600.00	7,321.00	16,920.00	7,238.92	156.88	269.68	-87.85	-7,093.19	-14,149.92	8,644.09	8,497.77	146.32	59.078		
12,700.00	7,321.00	16,920.00	7,238.92	158.75	269.68	-87.85	-7,093.19	-14,149.92	8,545.78	8,399.48	146.30	58.413		
12,800.00	7,321.00	16,920.00	7,238.92	160.65	269.68	-87.85	-7,093.19	-14,149.92	8,447.51	8,301.23	146.28	57.747		
12,900.00	7,321.00	16,920.00	7,238.92	162.57	269.68	-87.85	-7,093.19	-14,149.92	8,349.28	8,203.01	146.28	57.079		
13,000.00	7,321.00	16,920.00	7,238.92	164.51	269.68	-87.85	-7,093.19	-14,149.92	8,251.10	8,104.83	146.27	56.410		
13,100.00	7,321.00	16,920.00	7,238.92	166.48	269.68	-87.85	-7,093.19	-14,149.92	8,152.96	8,006.69	146.27	55.739		
13,200.00	7,321.00	16,920.00	7,238.92	168.48	269.68	-87.85	-7,093.19	-14,149.92	8,054.86	7,908.58	146.28	55.066		
13,300.00	7,321.00	16,920.00	7,238.92	170.49	269.68	-87.85	-7,093.19	-14,149.92	7,956.81	7,810.52	146.29	54.391		
13,400.00	7,321.00	16,920.00	7,238.92	172.52	269.68	-87.85	-7,093.19	-14,149.92	7,858.81	7,712.51	146.31	53.714		
13,500.00	7,321.00	16,920.00	7,238.92	174.58	269.68	-87.85	-7,093.19	-14,149.92	7,760.87	7,614.53	146.34	53.035		
13,600.00	7,321.00	16,920.00	7,238.92	176.66	269.68	-87.85	-7,093.19	-14,149.92	7,662.97	7,516.60	146.37	52.353		
13,700.00	7,321.00	16,920.00	7,238.92	178.75	269.68	-87.85	-7,093.19	-14,149.92	7,565.13	7,418.72	146.41	51.670		
13,800.00	7,321.00	16,920.00	7,238.92	180.87	269.68	-87.85	-7,093.19	-14,149.92	7,467.35	7,320.88	146.47	50.984		
13,900.00	7,321.00	16,920.00	7,238.92	183.00	269.68	-87.85	-7,093.19	-14,149.92	7,369.63	7,223.10	146.53	50.295		
14,000.00	7,321.00	16,920.00	7,238.92	185.15	269.68	-87.85	-7,093.19	-14,149.92	7,271.96	7,125.36	146.60	49.603		
14,100.00	7,321.00	16,920.00	7,238.92	187.32	269.68	-87.85	-7,093.19	-14,149.92	7,174.37	7,027.68	146.69	48.909		
14,200.00	7,321.00	16,920.00	7,238.92	189.50	269.68	-87.85	-7,093.19	-14,149.92	7,076.84	6,930.05	146.79	48.211		
14,300.00	7,321.00	16,920.00	7,238.92	191.70	269.68	-87.85	-7,093.19	-14,149.92	6,979.38	6,832.47	146.90	47.510		
14,400.00	7,321.00	16,920.00	7,238.92	193.92	269.68	-87.85	-7,093.19	-14,149.92	6,881.99	6,734.96	147.03	46.805		
14,500.00	7,321.00	16,920.00	7,238.92	196.15	269.68	-87.85	-7,093.19	-14,149.92	6,784.68	6,637.50	147.18	46.097		
14,600.00	7,321.00	16,920.00	7,238.92	198.39	269.68	-87.85	-7,093.19	-14,149.92	6,687.45	6,540.10	147.35	45.385		
14,700.00	7,321.00	16,920.00	7,238.92	200.65	269.68	-87.85	-7,093.19	-14,149.92	6,590.30	6,442.76	147.54	44.668		
14,800.00	7,321.00	16,920.00	7,238.92	202.92	269.68	-87.85	-7,093.19	-14,149.92	6,493.24	6,345.49	147.75	43.947		
14,900.00	7,321.00	16,920.00	7,238.92	205.20	269.68	-87.85	-7,093.19	-14,149.92	6,396.27	6,248.28	147.99	43.221		
15,000.00	7,321.00	16,920.00	7,238.92	207.50	269.68	-87.85	-7,093.19	-14,149.92	6,299.39	6,151.14	148.25	42.490		
15,100.00	7,321.00	16,920.00	7,238.92	209.80	269.68	-87.85	-7,093.19	-14,149.92	6,202.61	6,054.06	148.55	41.754		
15,200.00	7,321.00	16,920.00	7,238.92	212.12	269.68	-87.85	-7,093.19	-14,149.92	6,105.94	5,957.06	148.88	41.012		
15,300.00	7,321.00	16,920.00	7,238.92	214.45	269.68	-87.85	-7,093.19	-14,149.92	6,009.37	5,860.12	149.25	40.263		
15,400.00	7,321.00	16,920.00	7,238.92	216.79	269.68	-87.85	-7,093.19	-14,149.92	5,912.92	5,763.26	149.66	39.508		
15,500.00	7,321.00	16,920.00	7,238.92	219.15	269.68	-87.85	-7,093.19	-14,149.92	5,816.59	5,666.47	150.12	38.746		
15,600.00	7,321.00	16,920.00	7,238.92	221.51	269.68	-87.85	-7,093.19	-14,149.92	5,720.39	5,569.76	150.63	37.977		
15,700.00	7,321.00	16,920.00	7,238.92	223.88	269.68	-87.85	-7,093.19	-14,149.92	5,624.32	5,473.12	151.19	37.200		
15,800.00	7,321.00	16,920.00	7,238.92	226.26	269.68	-87.85	-7,093.19	-14,149.92	5,528.38	5,376.56	151.82	36.414		
15,900.00	7,321.00	16,920.00	7,238.92	228.65	269.68	-87.85	-7,093.19	-14,149.92	5,432.60	5,280.08	152.52	35.620		
16,000.00	7,321.00	16,920.00	7,238.92	231.04	269.68	-87.85	-7,093.19	-14,149.92	5,336.96	5,183.67	153.29	34.816		
16,100.00	7,321.00	16,920.00	7,238.92	233.45	269.68	-87.85	-7,093.19	-14,149.92	5,241.49	5,087.35	154.15	34.003		
16,200.00	7,321.00	16,920.00	7,238.92	235.86	269.68	-87.85	-7,093.19	-14,149.92	5,146.20	4,991.10	155.10	33.179		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,300.00	7,321.00	16,920.00	7,238.92	238.28	269.68	-87.85	-7,093.19	-14,149.92	5,051.08	4,894.92	156.16	32.345		
16,400.00	7,321.00	16,920.00	7,238.92	240.71	269.68	-87.85	-7,093.19	-14,149.92	4,956.16	4,798.82	157.34	31.501		
16,500.00	7,321.00	16,920.00	7,238.92	243.15	269.68	-87.85	-7,093.19	-14,149.92	4,861.44	4,702.80	158.64	30.645		
16,600.00	7,321.00	16,920.00	7,238.92	245.59	269.68	-87.85	-7,093.19	-14,149.92	4,766.94	4,606.85	160.09	29.778		
16,700.00	7,321.00	16,920.00	7,238.92	248.05	269.68	-87.85	-7,093.19	-14,149.92	4,672.66	4,510.97	161.69	28.899		
16,800.00	7,321.00	16,920.00	7,238.92	250.50	269.68	-87.85	-7,093.19	-14,149.92	4,578.63	4,415.17	163.46	28.010		
16,900.00	7,321.00	16,920.00	7,238.92	252.97	269.68	-87.85	-7,093.19	-14,149.92	4,484.86	4,319.43	165.43	27.110		
17,000.00	7,321.00	16,920.00	7,238.92	255.44	269.68	-87.85	-7,093.19	-14,149.92	4,391.36	4,223.75	167.61	26.200		
17,100.00	7,321.00	16,920.00	7,238.92	257.91	269.68	-87.85	-7,093.19	-14,149.92	4,298.15	4,128.14	170.01	25.281		
17,200.00	7,321.00	16,920.00	7,238.92	260.39	269.68	-87.85	-7,093.19	-14,149.92	4,205.26	4,032.59	172.67	24.354		
17,300.00	7,321.00	16,920.00	7,238.92	262.88	269.68	-87.85	-7,093.19	-14,149.92	4,112.70	3,937.10	175.60	23.421		
17,400.00	7,321.00	16,920.00	7,238.92	265.37	269.68	-87.85	-7,093.19	-14,149.92	4,020.49	3,841.68	178.82	22.484		
17,500.00	7,321.00	16,920.00	7,238.92	267.87	269.68	-87.85	-7,093.19	-14,149.92	3,928.67	3,746.32	182.36	21.544		
17,600.00	7,321.00	16,920.00	7,238.92	270.37	269.68	-87.85	-7,093.19	-14,149.92	3,837.26	3,651.02	186.24	20.604		
17,700.00	7,321.00	16,920.00	7,238.92	272.88	269.68	-87.85	-7,093.19	-14,149.92	3,746.28	3,555.80	190.48	19.667		
17,800.00	7,321.00	16,920.00	7,238.92	275.40	269.68	-87.85	-7,093.19	-14,149.92	3,655.78	3,460.66	195.12	18.736		
17,900.00	7,321.00	16,920.00	7,238.92	277.91	269.68	-87.85	-7,093.19	-14,149.92	3,565.78	3,365.61	200.17	17.814		
18,000.00	7,321.00	16,920.00	7,238.92	280.43	269.68	-87.85	-7,093.19	-14,149.92	3,476.33	3,270.67	205.66	16.903		
18,100.00	7,321.00	16,920.00	7,238.92	282.97	269.68	-87.72	-7,093.19	-14,149.92	3,386.96	3,175.48	211.48	16.015		
18,200.00	7,321.00	16,920.00	7,238.92	285.53	269.68	-87.55	-7,093.19	-14,149.92	3,296.65	3,079.30	217.35	15.167		
18,300.00	7,321.00	16,920.00	7,238.92	288.11	269.68	-87.35	-7,093.19	-14,149.92	3,205.42	2,982.20	223.22	14.360		
18,400.00	7,321.00	16,920.00	7,238.92	290.70	269.68	-87.12	-7,093.19	-14,149.92	3,113.29	2,884.24	229.05	13.592		
18,500.00	7,321.00	16,920.00	7,238.92	293.30	269.68	-86.86	-7,093.19	-14,149.92	3,020.30	2,785.48	234.81	12.863		
18,600.00	7,321.00	16,920.00	7,238.92	295.90	269.68	-86.82	-7,093.19	-14,149.92	2,926.94	2,686.27	240.67	12.161		
18,700.00	7,321.00	16,920.00	7,238.92	298.50	269.68	-86.82	-7,093.19	-14,149.92	2,834.03	2,587.05	246.98	11.475		
18,800.00	7,321.00	16,920.00	7,238.92	301.11	269.68	-86.82	-7,093.19	-14,149.92	2,741.62	2,487.84	253.78	10.803		
18,900.00	7,321.00	16,920.00	7,238.92	303.72	269.68	-86.82	-7,093.19	-14,149.92	2,649.76	2,388.66	261.10	10.148		
19,000.00	7,321.00	16,920.00	7,238.92	306.32	269.68	-86.82	-7,093.19	-14,149.92	2,558.51	2,289.51	269.00	9.511		
19,100.00	7,321.00	16,920.00	7,238.92	308.93	269.68	-86.82	-7,093.19	-14,149.92	2,467.93	2,190.41	277.52	8.893		
19,200.00	7,321.00	16,920.00	7,238.92	311.54	269.68	-86.82	-7,093.19	-14,149.92	2,378.12	2,091.40	286.71	8.294		
19,300.00	7,321.00	16,920.00	7,238.92	314.16	269.68	-86.82	-7,093.19	-14,149.92	2,289.14	1,992.50	296.64	7.717		
19,400.00	7,321.00	16,920.00	7,238.92	316.77	269.68	-86.82	-7,093.19	-14,149.92	2,201.12	1,893.75	307.36	7.161		
19,500.00	7,321.00	16,920.00	7,238.92	319.38	269.68	-86.82	-7,093.19	-14,149.92	2,114.15	1,795.21	318.94	6.629		
19,600.00	7,321.00	16,920.00	7,238.92	322.00	269.68	-86.82	-7,093.19	-14,149.92	2,028.39	1,696.96	331.44	6.120		
19,700.00	7,321.00	16,920.00	7,238.92	324.61	269.68	-86.82	-7,093.19	-14,149.92	1,944.00	1,599.07	344.93	5.636		
19,800.00	7,321.00	16,920.00	7,238.92	327.23	269.68	-86.94	-7,093.19	-14,149.92	1,861.72	1,502.03	359.69	5.176		
19,900.00	7,321.00	16,920.00	7,238.92	329.85	269.68	-87.07	-7,093.19	-14,149.92	1,783.37	1,407.07	376.30	4.739		
20,000.00	7,321.00	16,920.00	7,238.92	332.46	269.68	-87.18	-7,093.19	-14,149.92	1,709.63	1,314.85	394.78	4.331		
20,100.00	7,321.00	16,920.00	7,238.92	335.06	269.68	-87.27	-7,093.19	-14,149.92	1,641.23	1,226.18	415.06	3.954		
20,200.00	7,321.00	16,920.00	7,238.92	337.65	269.68	-87.35	-7,093.19	-14,149.92	1,578.96	1,142.03	436.93	3.614		
20,300.00	7,321.00	16,920.00	7,238.92	340.22	269.68	-87.37	-7,093.19	-14,149.92	1,523.13	1,063.13	459.99	3.311		
20,400.00	7,321.00	16,920.00	7,238.92	342.79	269.68	-87.37	-7,093.19	-14,149.92	1,472.24	988.77	483.48	3.045		
20,500.00	7,321.00	16,920.00	7,238.92	345.37	269.68	-87.37	-7,093.19	-14,149.92	1,426.56	919.62	506.94	2.814		
20,600.00	7,321.00	16,920.00	7,238.92	347.95	269.68	-87.37	-7,093.19	-14,149.92	1,386.60	856.68	529.92	2.617		
20,700.00	7,321.00	16,920.00	7,238.92	350.53	269.68	-87.37	-7,093.19	-14,149.92	1,352.86	801.02	551.84	2.452		
20,800.00	7,321.00	16,920.00	7,238.92	353.11	269.68	-87.37	-7,093.19	-14,149.92	1,325.82	753.70	572.12	2.317		
20,900.00	7,321.00	16,920.00	7,238.92	355.70	269.68	-87.37	-7,093.19	-14,149.92	1,305.90	715.77	590.14	2.213		
20,976.29	7,321.00	16,920.00	7,238.92	357.67	269.68	-87.37	-7,093.19	-14,149.92	1,295.70	693.70	602.00	2.152	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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,200.00	7,321.00	17,070.00	7,159.63	133.81	269.63	-85.91	-7,455.50	-14,126.57	10,065.10	9,909.05	156.05	64.500		
11,300.00	7,321.00	17,070.00	7,159.63	135.25	269.63	-85.91	-7,455.50	-14,126.57	9,966.99	9,811.00	156.00	63.892		
11,400.00	7,321.00	17,070.00	7,159.63	136.72	269.63	-85.91	-7,455.50	-14,126.57	9,868.93	9,712.98	155.95	63.283		
11,500.00	7,321.00	17,070.00	7,159.63	138.22	269.63	-85.91	-7,455.50	-14,126.57	9,770.90	9,614.99	155.90	62.673		
11,600.00	7,321.00	17,070.00	7,159.63	139.76	269.63	-85.91	-7,455.50	-14,126.57	9,672.91	9,517.05	155.86	62.062		
11,700.00	7,321.00	17,070.00	7,159.63	141.34	269.63	-85.91	-7,455.50	-14,126.57	9,574.96	9,419.14	155.82	61.449		
11,800.00	7,321.00	17,070.00	7,159.63	142.94	269.63	-85.91	-7,455.50	-14,126.57	9,477.06	9,321.27	155.78	60.835		
11,900.00	7,321.00	17,070.00	7,159.63	144.58	269.63	-85.91	-7,455.50	-14,126.57	9,379.20	9,223.45	155.75	60.220		
12,000.00	7,321.00	17,070.00	7,159.63	146.25	269.63	-85.91	-7,455.50	-14,126.57	9,281.38	9,125.66	155.72	59.603		
12,100.00	7,321.00	17,070.00	7,159.63	147.95	269.63	-85.91	-7,455.50	-14,126.57	9,183.62	9,027.92	155.69	58.985		
12,200.00	7,321.00	17,070.00	7,159.63	149.67	269.63	-85.91	-7,455.50	-14,126.57	9,085.90	8,930.23	155.67	58.366		
12,300.00	7,321.00	17,070.00	7,159.63	151.43	269.63	-85.91	-7,455.50	-14,126.57	8,988.23	8,832.58	155.65	57.745		
12,400.00	7,321.00	17,070.00	7,159.63	153.22	269.63	-85.91	-7,455.50	-14,126.57	8,890.61	8,734.97	155.64	57.122		
12,500.00	7,321.00	17,070.00	7,159.63	155.04	269.63	-85.91	-7,455.50	-14,126.57	8,793.05	8,637.41	155.64	56.497		
12,600.00	7,321.00	17,070.00	7,159.63	156.88	269.63	-85.91	-7,455.50	-14,126.57	8,695.54	8,539.91	155.64	55.871		
12,700.00	7,321.00	17,070.00	7,159.63	158.75	269.63	-85.91	-7,455.50	-14,126.57	8,598.09	8,442.45	155.64	55.242		
12,800.00	7,321.00	17,070.00	7,159.63	160.65	269.63	-85.91	-7,455.50	-14,126.57	8,500.70	8,345.05	155.66	54.612		
12,900.00	7,321.00	17,070.00	7,159.63	162.57	269.63	-85.91	-7,455.50	-14,126.57	8,403.37	8,247.70	155.68	53.979		
13,000.00	7,321.00	17,070.00	7,159.63	164.51	269.63	-85.91	-7,455.50	-14,126.57	8,306.11	8,150.40	155.71	53.344		
13,100.00	7,321.00	17,070.00	7,159.63	166.48	269.63	-85.91	-7,455.50	-14,126.57	8,208.91	8,053.16	155.75	52.707		
13,200.00	7,321.00	17,070.00	7,159.63	168.48	269.63	-85.91	-7,455.50	-14,126.57	8,111.77	7,955.98	155.80	52.067		
13,300.00	7,321.00	17,070.00	7,159.63	170.49	269.63	-85.91	-7,455.50	-14,126.57	8,014.71	7,858.86	155.86	51.424		
13,400.00	7,321.00	17,070.00	7,159.63	172.52	269.63	-85.91	-7,455.50	-14,126.57	7,917.72	7,761.80	155.93	50.778		
13,500.00	7,321.00	17,070.00	7,159.63	174.58	269.63	-85.91	-7,455.50	-14,126.57	7,820.81	7,664.80	156.01	50.129		
13,600.00	7,321.00	17,070.00	7,159.63	176.66	269.63	-85.91	-7,455.50	-14,126.57	7,723.98	7,567.86	156.11	49.477		
13,700.00	7,321.00	17,070.00	7,159.63	178.75	269.63	-85.91	-7,455.50	-14,126.57	7,627.22	7,471.00	156.23	48.822		
13,800.00	7,321.00	17,070.00	7,159.63	180.87	269.63	-85.91	-7,455.50	-14,126.57	7,530.56	7,374.20	156.36	48.162		
13,900.00	7,321.00	17,070.00	7,159.63	183.00	269.63	-85.91	-7,455.50	-14,126.57	7,433.98	7,277.47	156.51	47.499		
14,000.00	7,321.00	17,070.00	7,159.63	185.15	269.63	-85.91	-7,455.50	-14,126.57	7,337.49	7,180.81	156.68	46.832		
14,100.00	7,321.00	17,070.00	7,159.63	187.32	269.63	-85.91	-7,455.50	-14,126.57	7,241.10	7,084.23	156.87	46.160		
14,200.00	7,321.00	17,070.00	7,159.63	189.50	269.63	-85.91	-7,455.50	-14,126.57	7,144.80	6,987.72	157.08	45.484		
14,300.00	7,321.00	17,070.00	7,159.63	191.70	269.63	-85.91	-7,455.50	-14,126.57	7,048.61	6,891.29	157.33	44.803		
14,400.00	7,321.00	17,070.00	7,159.63	193.92	269.63	-85.91	-7,455.50	-14,126.57	6,952.53	6,794.93	157.60	44.116		
14,500.00	7,321.00	17,070.00	7,159.63	196.15	269.63	-85.91	-7,455.50	-14,126.57	6,856.56	6,698.66	157.90	43.424		
14,600.00	7,321.00	17,070.00	7,159.63	198.39	269.63	-85.91	-7,455.50	-14,126.57	6,760.71	6,602.47	158.24	42.725		
14,700.00	7,321.00	17,070.00	7,159.63	200.65	269.63	-85.91	-7,455.50	-14,126.57	6,664.97	6,506.36	158.61	42.021		
14,800.00	7,321.00	17,070.00	7,159.63	202.92	269.63	-85.91	-7,455.50	-14,126.57	6,569.37	6,410.34	159.03	41.309		
14,900.00	7,321.00	17,070.00	7,159.63	205.20	269.63	-85.91	-7,455.50	-14,126.57	6,473.90	6,314.41	159.49	40.591		
15,000.00	7,321.00	17,070.00	7,159.63	207.50	269.63	-85.91	-7,455.50	-14,126.57	6,378.56	6,218.56	160.01	39.865		
15,100.00	7,321.00	17,070.00	7,159.63	209.80	269.63	-85.91	-7,455.50	-14,126.57	6,283.38	6,122.80	160.57	39.131		
15,200.00	7,321.00	17,070.00	7,159.63	212.12	269.63	-85.91	-7,455.50	-14,126.57	6,188.34	6,027.13	161.20	38.388		
15,300.00	7,321.00	17,070.00	7,159.63	214.45	269.63	-85.91	-7,455.50	-14,126.57	6,093.46	5,931.56	161.90	37.637		
15,400.00	7,321.00	17,070.00	7,159.63	216.79	269.63	-85.91	-7,455.50	-14,126.57	5,998.75	5,836.08	162.67	36.876		
15,500.00	7,321.00	17,070.00	7,159.63	219.15	269.63	-85.91	-7,455.50	-14,126.57	5,904.21	5,740.69	163.53	36.106		
15,600.00	7,321.00	17,070.00	7,159.63	221.51	269.63	-85.91	-7,455.50	-14,126.57	5,809.86	5,645.39	164.47	35.326		
15,700.00	7,321.00	17,070.00	7,159.63	223.88	269.63	-85.91	-7,455.50	-14,126.57	5,715.70	5,550.19	165.50	34.535		
15,800.00	7,321.00	17,070.00	7,159.63	226.26	269.63	-85.91	-7,455.50	-14,126.57	5,621.74	5,455.09	166.65	33.734		
15,900.00	7,321.00	17,070.00	7,159.63	228.65	269.63	-85.91	-7,455.50	-14,126.57	5,527.99	5,360.08	167.91	32.922		
16,000.00	7,321.00	17,070.00	7,159.63	231.04	269.63	-85.91	-7,455.50	-14,126.57	5,434.46	5,265.16	169.30	32.099		
16,100.00	7,321.00	17,070.00	7,159.63	233.45	269.63	-85.91	-7,455.50	-14,126.57	5,341.17	5,170.34	170.83	31.266		
16,200.00	7,321.00	17,070.00	7,159.63	235.86	269.63	-85.91	-7,455.50	-14,126.57	5,248.13	5,075.62	172.51	30.422		
16,300.00	7,321.00	17,070.00	7,159.63	238.28	269.63	-85.91	-7,455.50	-14,126.57	5,155.35	4,980.99	174.36	29.567		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,400.00	7,321.00	17,070.00	7,159.63	240.71	269.63	-85.91	-7,455.50	-14,126.57	5,062.84	4,886.46	176.38	28.704		
16,500.00	7,321.00	17,070.00	7,159.63	243.15	269.63	-85.91	-7,455.50	-14,126.57	4,970.62	4,792.02	178.60	27.831		
16,600.00	7,321.00	17,070.00	7,159.63	245.59	269.63	-85.91	-7,455.50	-14,126.57	4,878.71	4,697.68	181.03	26.950		
16,700.00	7,321.00	17,070.00	7,159.63	248.05	269.63	-85.91	-7,455.50	-14,126.57	4,787.12	4,603.45	183.67	26.063		
16,800.00	7,321.00	17,070.00	7,159.63	250.50	269.63	-85.91	-7,455.50	-14,126.57	4,695.88	4,509.32	186.56	25.171		
16,900.00	7,321.00	17,070.00	7,159.63	252.97	269.63	-85.91	-7,455.50	-14,126.57	4,605.00	4,415.30	189.70	24.276		
17,000.00	7,321.00	17,070.00	7,159.63	255.44	269.63	-85.91	-7,455.50	-14,126.57	4,514.50	4,321.40	193.10	23.379		
17,100.00	7,321.00	17,070.00	7,159.63	257.91	269.63	-85.91	-7,455.50	-14,126.57	4,424.42	4,227.62	196.79	22.483		
17,200.00	7,321.00	17,070.00	7,159.63	260.39	269.63	-85.91	-7,455.50	-14,126.57	4,334.77	4,133.98	200.78	21.589		
17,300.00	7,321.00	17,070.00	7,159.63	262.88	269.63	-85.91	-7,455.50	-14,126.57	4,245.58	4,040.49	205.09	20.701		
17,400.00	7,321.00	17,070.00	7,159.63	265.37	269.63	-85.91	-7,455.50	-14,126.57	4,156.88	3,947.16	209.72	19.821		
17,500.00	7,321.00	17,070.00	7,159.63	267.87	269.63	-85.91	-7,455.50	-14,126.57	4,068.71	3,854.01	214.70	18.951		
17,600.00	7,321.00	17,070.00	7,159.63	270.37	269.63	-85.91	-7,455.50	-14,126.57	3,981.10	3,761.06	220.04	18.093		
17,700.00	7,321.00	17,070.00	7,159.63	272.88	269.63	-85.91	-7,455.50	-14,126.57	3,894.08	3,668.34	225.75	17.250		
17,800.00	7,321.00	17,070.00	7,159.63	275.40	269.63	-85.91	-7,455.50	-14,126.57	3,807.70	3,575.86	231.84	16.424		
17,900.00	7,321.00	17,070.00	7,159.63	277.91	269.63	-85.91	-7,455.50	-14,126.57	3,722.01	3,483.67	238.34	15.616		
18,000.00	7,321.00	17,070.00	7,159.63	280.43	269.63	-85.91	-7,455.50	-14,126.57	3,637.04	3,391.79	245.25	14.830		
18,100.00	7,321.00	17,070.00	7,159.63	282.97	269.63	-85.72	-7,455.50	-14,126.57	3,552.25	3,299.80	252.46	14.071		
18,200.00	7,321.00	17,070.00	7,159.63	285.53	269.63	-85.47	-7,455.50	-14,126.57	3,466.45	3,206.77	259.68	13.349		
18,300.00	7,321.00	17,070.00	7,159.63	288.11	269.63	-85.18	-7,455.50	-14,126.57	3,379.62	3,112.74	266.89	12.663		
18,400.00	7,321.00	17,070.00	7,159.63	290.70	269.63	-84.86	-7,455.50	-14,126.57	3,291.81	3,017.75	274.06	12.011		
18,500.00	7,321.00	17,070.00	7,159.63	293.30	269.63	-84.50	-7,455.50	-14,126.57	3,203.03	2,921.86	281.17	11.392		
18,600.00	7,321.00	17,070.00	7,159.63	295.90	269.63	-84.45	-7,455.50	-14,126.57	3,113.90	2,825.51	288.38	10.798		
18,700.00	7,321.00	17,070.00	7,159.63	298.50	269.63	-84.45	-7,455.50	-14,126.57	3,025.43	2,729.40	296.03	10.220		
18,800.00	7,321.00	17,070.00	7,159.63	301.11	269.63	-84.45	-7,455.50	-14,126.57	2,937.70	2,633.56	304.15	9.659		
18,900.00	7,321.00	17,070.00	7,159.63	303.72	269.63	-84.45	-7,455.50	-14,126.57	2,850.79	2,538.04	312.75	9.115		
19,000.00	7,321.00	17,070.00	7,159.63	306.32	269.63	-84.45	-7,455.50	-14,126.57	2,764.75	2,442.89	321.87	8.590		
19,100.00	7,321.00	17,070.00	7,159.63	308.93	269.63	-84.45	-7,455.50	-14,126.57	2,679.69	2,348.16	331.53	8.083		
19,200.00	7,321.00	17,070.00	7,159.63	311.54	269.63	-84.45	-7,455.50	-14,126.57	2,595.69	2,253.92	341.77	7.595		
19,300.00	7,321.00	17,070.00	7,159.63	314.16	269.63	-84.45	-7,455.50	-14,126.57	2,512.87	2,160.26	352.61	7.127		
19,400.00	7,321.00	17,070.00	7,159.63	316.77	269.63	-84.45	-7,455.50	-14,126.57	2,431.33	2,067.26	364.07	6.678		
19,500.00	7,321.00	17,070.00	7,159.63	319.38	269.63	-84.45	-7,455.50	-14,126.57	2,351.22	1,975.04	376.19	6.250		
19,600.00	7,321.00	17,070.00	7,159.63	322.00	269.63	-84.45	-7,455.50	-14,126.57	2,272.69	1,883.72	388.97	5.843		
19,700.00	7,321.00	17,070.00	7,159.63	324.61	269.63	-84.45	-7,455.50	-14,126.57	2,195.91	1,793.48	402.43	5.457		
19,800.00	7,321.00	17,070.00	7,159.63	327.23	269.63	-84.61	-7,455.50	-14,126.57	2,121.74	1,705.02	416.72	5.091		
19,900.00	7,321.00	17,070.00	7,159.63	329.85	269.63	-84.79	-7,455.50	-14,126.57	2,052.19	1,619.99	432.20	4.748		
20,000.00	7,321.00	17,070.00	7,159.63	332.46	269.63	-84.94	-7,455.50	-14,126.57	1,987.90	1,539.14	448.76	4.430		
20,100.00	7,321.00	17,070.00	7,159.63	335.06	269.63	-85.06	-7,455.50	-14,126.57	1,929.49	1,463.26	466.23	4.139		
20,200.00	7,321.00	17,070.00	7,159.63	337.65	269.63	-85.17	-7,455.50	-14,126.57	1,877.58	1,393.21	484.37	3.876		
20,300.00	7,321.00	17,070.00	7,159.63	340.22	269.63	-85.20	-7,455.50	-14,126.57	1,832.25	1,329.44	502.80	3.644		
20,400.00	7,321.00	17,070.00	7,159.63	342.79	269.63	-85.20	-7,455.50	-14,126.57	1,791.63	1,270.63	521.00	3.439		
20,500.00	7,321.00	17,070.00	7,159.63	345.37	269.63	-85.20	-7,455.50	-14,126.57	1,755.78	1,217.10	538.67	3.259		
20,600.00	7,321.00	17,070.00	7,159.63	347.95	269.63	-85.20	-7,455.50	-14,126.57	1,724.98	1,169.45	555.53	3.105		
20,700.00	7,321.00	17,070.00	7,159.63	350.53	269.63	-85.20	-7,455.50	-14,126.57	1,699.52	1,128.23	571.29	2.975		
20,800.00	7,321.00	17,070.00	7,159.63	353.11	269.63	-85.20	-7,455.50	-14,126.57	1,679.64	1,093.98	585.65	2.868		
20,900.00	7,321.00	17,070.00	7,159.63	355.70	269.63	-85.20	-7,455.50	-14,126.57	1,665.53	1,067.18	598.35	2.784		
20,976.29	7,321.00	17,070.00	7,159.63	357.67	269.63	-85.20	-7,455.50	-14,126.57	1,658.75	1,051.97	606.78	2.734	CC, ES, SF	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,000.00	7,321.00	16,991.00	6,977.50	131.05	270.92	46.24	-5,185.58	-14,159.83	10,119.49	9,980.52	138.97	72.820		
11,100.00	7,321.00	16,991.00	6,977.50	132.41	270.92	46.24	-5,185.58	-14,159.83	10,019.59	9,880.48	139.11	72.027		
11,200.00	7,321.00	16,991.00	6,977.50	133.81	270.92	46.24	-5,185.58	-14,159.83	9,919.70	9,780.45	139.26	71.234		
11,300.00	7,321.00	16,991.00	6,977.50	135.25	270.92	46.24	-5,185.58	-14,159.83	9,819.81	9,680.41	139.41	70.441		
11,400.00	7,321.00	16,991.00	6,977.50	136.72	270.92	46.24	-5,185.58	-14,159.83	9,719.92	9,580.37	139.56	69.648		
11,500.00	7,321.00	16,991.00	6,977.50	138.22	270.92	46.24	-5,185.58	-14,159.83	9,620.04	9,480.33	139.71	68.855		
11,600.00	7,321.00	16,991.00	6,977.50	139.76	270.92	46.24	-5,185.58	-14,159.83	9,520.16	9,380.28	139.87	68.062		
11,700.00	7,321.00	16,991.00	6,977.50	141.34	270.92	46.24	-5,185.58	-14,159.83	9,420.28	9,280.24	140.04	67.269		
11,800.00	7,321.00	16,991.00	6,977.50	142.94	270.92	46.24	-5,185.58	-14,159.83	9,320.40	9,180.19	140.21	66.477		
11,900.00	7,321.00	16,991.00	6,977.50	144.58	270.92	46.24	-5,185.58	-14,159.83	9,220.52	9,080.15	140.38	65.684		
12,000.00	7,321.00	16,991.00	6,977.50	146.25	270.92	46.24	-5,185.58	-14,159.83	9,120.65	8,980.10	140.55	64.892		
12,100.00	7,321.00	16,991.00	6,977.50	147.95	270.92	46.24	-5,185.58	-14,159.83	9,020.78	8,880.05	140.73	64.099		
12,200.00	7,321.00	16,991.00	6,977.50	149.67	270.92	46.24	-5,185.58	-14,159.83	8,920.92	8,780.00	140.92	63.307		
12,300.00	7,321.00	16,991.00	6,977.50	151.43	270.92	46.24	-5,185.58	-14,159.83	8,821.05	8,679.95	141.10	62.515		
12,400.00	7,321.00	16,991.00	6,977.50	153.22	270.92	46.24	-5,185.58	-14,159.83	8,721.19	8,579.90	141.30	61.723		
12,500.00	7,321.00	16,991.00	6,977.50	155.04	270.92	46.24	-5,185.58	-14,159.83	8,621.34	8,479.84	141.49	60.931		
12,600.00	7,321.00	16,991.00	6,977.50	156.88	270.92	46.24	-5,185.58	-14,159.83	8,521.48	8,379.78	141.70	60.139		
12,700.00	7,321.00	16,991.00	6,977.50	158.75	270.92	46.24	-5,185.58	-14,159.83	8,421.63	8,279.73	141.90	59.347		
12,800.00	7,321.00	16,991.00	6,977.50	160.65	270.92	46.24	-5,185.58	-14,159.83	8,321.78	8,179.67	142.12	58.555		
12,900.00	7,321.00	16,991.00	6,977.50	162.57	270.92	46.24	-5,185.58	-14,159.83	8,221.94	8,079.60	142.34	57.764		
13,000.00	7,321.00	16,991.00	6,977.50	164.51	270.92	46.24	-5,185.58	-14,159.83	8,122.10	7,979.54	142.56	56.973		
13,100.00	7,321.00	16,991.00	6,977.50	166.48	270.92	46.24	-5,185.58	-14,159.83	8,022.27	7,879.48	142.79	56.182		
13,200.00	7,321.00	16,991.00	6,977.50	168.48	270.92	46.24	-5,185.58	-14,159.83	7,922.44	7,779.41	143.03	55.391		
13,300.00	7,321.00	16,991.00	6,977.50	170.49	270.92	46.24	-5,185.58	-14,159.83	7,822.61	7,679.34	143.27	54.600		
13,400.00	7,321.00	16,991.00	6,977.50	172.52	270.92	46.24	-5,185.58	-14,159.83	7,722.79	7,579.27	143.52	53.809		
13,500.00	7,321.00	16,991.00	6,977.50	174.58	270.92	46.24	-5,185.58	-14,159.83	7,622.97	7,479.19	143.78	53.019		
13,600.00	7,321.00	16,991.00	6,977.50	176.66	270.92	46.24	-5,185.58	-14,159.83	7,523.16	7,379.12	144.04	52.229		
13,700.00	7,321.00	16,991.00	6,977.50	178.75	270.92	46.24	-5,185.58	-14,159.83	7,423.35	7,279.04	144.31	51.439		
13,800.00	7,321.00	16,991.00	6,977.50	180.87	270.92	46.24	-5,185.58	-14,159.83	7,323.55	7,178.95	144.59	50.649		
13,900.00	7,321.00	16,991.00	6,977.50	183.00	270.92	46.24	-5,185.58	-14,159.83	7,223.75	7,078.87	144.88	49.860		
14,000.00	7,321.00	16,991.00	6,977.50	185.15	270.92	46.24	-5,185.58	-14,159.83	7,123.96	6,978.78	145.18	49.071		
14,100.00	7,321.00	16,991.00	6,977.50	187.32	270.92	46.24	-5,185.58	-14,159.83	7,024.17	6,878.69	145.48	48.282		
14,200.00	7,321.00	16,991.00	6,977.50	189.50	270.92	46.24	-5,185.58	-14,159.83	6,924.40	6,778.60	145.80	47.493		
14,300.00	7,321.00	16,991.00	6,977.50	191.70	270.92	46.24	-5,185.58	-14,159.83	6,824.62	6,678.50	146.12	46.705		
14,400.00	7,321.00	16,991.00	6,977.50	193.92	270.92	46.24	-5,185.58	-14,159.83	6,724.86	6,578.40	146.46	45.917		
14,500.00	7,321.00	16,991.00	6,977.50	196.15	270.92	46.24	-5,185.58	-14,159.83	6,625.10	6,478.30	146.80	45.129		
14,600.00	7,321.00	16,991.00	6,977.50	198.39	270.92	46.24	-5,185.58	-14,159.83	6,525.35	6,378.19	147.16	44.342		
14,700.00	7,321.00	16,991.00	6,977.50	200.65	270.92	46.24	-5,185.58	-14,159.83	6,425.60	6,278.08	147.53	43.555		
14,800.00	7,321.00	16,991.00	6,977.50	202.92	270.92	46.24	-5,185.58	-14,159.83	6,325.87	6,177.96	147.91	42.769		
14,900.00	7,321.00	16,991.00	6,977.50	205.20	270.92	46.24	-5,185.58	-14,159.83	6,226.14	6,077.84	148.30	41.982		
15,000.00	7,321.00	16,991.00	6,977.50	207.50	270.92	46.24	-5,185.58	-14,159.83	6,126.42	5,977.71	148.71	41.197		
15,100.00	7,321.00	16,991.00	6,977.50	209.80	270.92	46.24	-5,185.58	-14,159.83	6,026.71	5,877.58	149.13	40.412		
15,200.00	7,321.00	16,991.00	6,977.50	212.12	270.92	46.24	-5,185.58	-14,159.83	5,927.02	5,777.44	149.57	39.627		
15,300.00	7,321.00	16,991.00	6,977.50	214.45	270.92	46.24	-5,185.58	-14,159.83	5,827.33	5,677.30	150.02	38.842		
15,400.00	7,321.00	16,991.00	6,977.50	216.79	270.92	46.24	-5,185.58	-14,159.83	5,727.65	5,577.15	150.49	38.059		
15,500.00	7,321.00	16,991.00	6,977.50	219.15	270.92	46.24	-5,185.58	-14,159.83	5,627.98	5,477.00	150.98	37.276		
15,600.00	7,321.00	16,991.00	6,977.50	221.51	270.92	46.24	-5,185.58	-14,159.83	5,528.33	5,376.84	151.49	36.493		
15,700.00	7,321.00	16,991.00	6,977.50	223.88	270.92	46.24	-5,185.58	-14,159.83	5,428.69	5,276.67	152.02	35.711		
15,800.00	7,321.00	16,991.00	6,977.50	226.26	270.92	46.24	-5,185.58	-14,159.83	5,329.06	5,176.49	152.57	34.930		
15,900.00	7,321.00	16,991.00	6,977.50	228.65	270.92	46.24	-5,185.58	-14,159.83	5,229.44	5,076.31	153.14	34.149		
16,000.00	7,321.00	16,991.00	6,977.50	231.04	270.92	46.24	-5,185.58	-14,159.83	5,129.85	4,976.12	153.73	33.369		
16,100.00	7,321.00	16,991.00	6,977.50	233.45	270.92	46.24	-5,185.58	-14,159.83	5,030.26	4,875.91	154.35	32.590		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,200.00	7,321.00	16,991.00	6,977.50	235.86	270.92	46.24	-5,185.58	-14,159.83	4,930.70	4,775.70	155.00	31.812		
16,300.00	7,321.00	16,991.00	6,977.50	238.28	270.92	46.24	-5,185.58	-14,159.83	4,831.15	4,675.48	155.67	31.034		
16,400.00	7,321.00	16,991.00	6,977.50	240.71	270.92	46.24	-5,185.58	-14,159.83	4,731.62	4,575.24	156.38	30.258		
16,500.00	7,321.00	16,991.00	6,977.50	243.15	270.92	46.24	-5,185.58	-14,159.83	4,632.11	4,475.00	157.11	29.483		
16,600.00	7,321.00	16,991.00	6,977.50	245.59	270.92	46.24	-5,185.58	-14,159.83	4,532.62	4,374.74	157.89	28.708		
16,700.00	7,321.00	16,991.00	6,977.50	248.05	270.92	46.24	-5,185.58	-14,159.83	4,433.16	4,274.46	158.70	27.935		
16,800.00	7,321.00	16,991.00	6,977.50	250.50	270.92	46.24	-5,185.58	-14,159.83	4,333.72	4,174.17	159.55	27.163		
16,900.00	7,321.00	16,991.00	6,977.50	252.97	270.92	46.24	-5,185.58	-14,159.83	4,234.31	4,073.87	160.44	26.392		
17,000.00	7,321.00	16,991.00	6,977.50	255.44	270.92	46.24	-5,185.58	-14,159.83	4,134.92	3,973.55	161.38	25.623		
17,100.00	7,321.00	16,991.00	6,977.50	257.91	270.92	46.24	-5,185.58	-14,159.83	4,035.57	3,873.20	162.36	24.855		
17,200.00	7,321.00	16,991.00	6,977.50	260.39	270.92	46.24	-5,185.58	-14,159.83	3,936.25	3,772.84	163.40	24.089		
17,300.00	7,321.00	16,991.00	6,977.50	262.88	270.92	46.24	-5,185.58	-14,159.83	3,836.96	3,672.46	164.50	23.325		
17,400.00	7,321.00	16,991.00	6,977.50	265.37	270.92	46.24	-5,185.58	-14,159.83	3,737.71	3,572.05	165.66	22.562		
17,500.00	7,321.00	16,991.00	6,977.50	267.87	270.92	46.24	-5,185.58	-14,159.83	3,638.50	3,471.61	166.89	21.801		
17,600.00	7,321.00	16,991.00	6,977.50	270.37	270.92	46.24	-5,185.58	-14,159.83	3,539.34	3,371.15	168.19	21.043		
17,700.00	7,321.00	16,991.00	6,977.50	272.88	270.92	46.24	-5,185.58	-14,159.83	3,440.23	3,270.65	169.58	20.287		
17,800.00	7,321.00	16,991.00	6,977.50	275.40	270.92	46.24	-5,185.58	-14,159.83	3,341.16	3,170.12	171.05	19.534		
17,900.00	7,321.00	16,991.00	6,977.50	277.91	270.92	46.24	-5,185.58	-14,159.83	3,242.16	3,069.55	172.61	18.783		
18,000.00	7,321.00	16,991.00	6,977.50	280.43	270.92	46.24	-5,185.58	-14,159.83	3,143.22	2,968.94	174.28	18.035		
18,100.00	7,321.00	16,991.00	6,977.50	282.97	270.92	52.66	-5,185.58	-14,159.83	3,044.48	2,868.24	176.24	17.275		
18,200.00	7,321.00	16,991.00	6,977.50	285.53	270.92	58.49	-5,185.58	-14,159.83	2,946.32	2,767.44	178.89	16.470		
18,300.00	7,321.00	16,991.00	6,977.50	288.11	270.92	62.71	-5,185.58	-14,159.83	2,848.93	2,666.62	182.31	15.627		
18,400.00	7,321.00	16,991.00	6,977.50	290.70	270.92	65.87	-5,185.58	-14,159.83	2,752.51	2,565.90	186.61	14.750		
18,500.00	7,321.00	16,991.00	6,977.50	293.30	270.92	68.30	-5,185.58	-14,159.83	2,657.30	2,465.42	191.88	13.849		
18,600.00	7,321.00	16,991.00	6,977.50	295.90	270.92	68.59	-5,185.58	-14,159.83	2,563.12	2,365.12	198.00	12.945		
18,700.00	7,321.00	16,991.00	6,977.50	298.50	270.92	68.59	-5,185.58	-14,159.83	2,469.41	2,264.76	204.64	12.067		
18,800.00	7,321.00	16,991.00	6,977.50	301.11	270.92	68.59	-5,185.58	-14,159.83	2,376.21	2,164.34	211.87	11.216		
18,900.00	7,321.00	16,991.00	6,977.50	303.72	270.92	68.59	-5,185.58	-14,159.83	2,283.59	2,063.87	219.72	10.393		
19,000.00	7,321.00	16,991.00	6,977.50	306.32	270.92	68.59	-5,185.58	-14,159.83	2,191.61	1,963.35	228.26	9.601		
19,100.00	7,321.00	16,991.00	6,977.50	308.93	270.92	68.59	-5,185.58	-14,159.83	2,100.37	1,862.79	237.58	8.841		
19,200.00	7,321.00	16,991.00	6,977.50	311.54	270.92	68.59	-5,185.58	-14,159.83	2,009.97	1,762.23	247.74	8.113		
19,300.00	7,321.00	16,991.00	6,977.50	314.16	270.92	68.59	-5,185.58	-14,159.83	1,920.51	1,661.67	258.84	7.420		
19,400.00	7,321.00	16,991.00	6,977.50	316.77	270.92	68.59	-5,185.58	-14,159.83	1,832.15	1,561.18	270.97	6.762		
19,500.00	7,321.00	16,991.00	6,977.50	319.38	270.92	68.59	-5,185.58	-14,159.83	1,745.04	1,460.80	284.24	6.139		
19,600.00	7,321.00	16,991.00	6,977.50	322.00	270.92	68.59	-5,185.58	-14,159.83	1,659.38	1,360.63	298.76	5.554		
19,700.00	7,321.00	16,991.00	6,977.50	324.61	270.92	68.59	-5,185.58	-14,159.83	1,575.42	1,260.78	314.65	5.007		
19,800.00	7,321.00	16,991.00	6,977.50	327.23	270.92	67.77	-5,185.58	-14,159.83	1,492.90	1,161.16	331.73	4.500		
19,900.00	7,321.00	16,991.00	6,977.50	329.85	270.92	66.66	-5,185.58	-14,159.83	1,410.75	1,061.33	349.42	4.037		
20,000.00	7,321.00	16,991.00	6,977.50	332.46	270.92	65.51	-5,185.58	-14,159.83	1,329.10	961.39	367.71	3.614		
20,100.00	7,321.00	16,991.00	6,977.50	335.06	270.92	64.34	-5,185.58	-14,159.83	1,248.15	861.53	386.62	3.228		
20,200.00	7,321.00	16,991.00	6,977.50	337.65	270.92	63.16	-5,185.58	-14,159.83	1,168.16	762.02	406.14	2.876		
20,300.00	7,321.00	16,991.00	6,977.50	340.22	270.92	62.67	-5,185.58	-14,159.83	1,089.78	663.37	426.41	2.556		
20,400.00	7,321.00	16,991.00	6,977.50	342.79	270.92	62.67	-5,185.58	-14,159.83	1,015.02	566.85	448.18	2.265		
20,500.00	7,321.00	16,991.00	6,977.50	345.37	270.92	62.67	-5,185.58	-14,159.83	944.95	473.74	471.21	2.005		
20,600.00	7,321.00	16,991.00	6,977.50	347.95	270.92	62.67	-5,185.58	-14,159.83	880.66	385.84	494.82	1.780		
20,700.00	7,321.00	16,991.00	6,977.50	350.53	270.92	62.67	-5,185.58	-14,159.83	823.54	305.72	517.82	1.590		
20,800.00	7,321.00	16,991.00	6,977.50	353.11	270.92	62.67	-5,185.58	-14,159.83	775.16	236.82	538.34	1.440	Level 3	
20,900.00	7,321.00	16,991.00	6,977.50	355.70	270.92	62.67	-5,185.58	-14,159.83	737.24	183.36	553.88	1.331	Level 3	
20,976.29	7,321.00	16,991.00	6,977.50	357.67	270.92	62.67	-5,185.58	-14,159.83	716.39	155.73	560.66	1.278	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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,000.00	7,321.00	16,815.00	6,894.39	131.05	217.73	-0.09	-5,520.93	-14,173.39	10,130.58	9,993.05	137.53	73.660		
11,100.00	7,321.00	16,815.00	6,894.39	132.41	217.73	-0.09	-5,520.93	-14,173.39	10,030.66	9,893.11	137.55	72.923		
11,200.00	7,321.00	16,815.00	6,894.39	133.81	217.73	-0.09	-5,520.93	-14,173.39	9,930.75	9,793.17	137.57	72.186		
11,300.00	7,321.00	16,815.00	6,894.39	135.25	217.73	-0.09	-5,520.93	-14,173.39	9,830.83	9,693.24	137.59	71.449		
11,400.00	7,321.00	16,815.00	6,894.39	136.72	217.73	-0.09	-5,520.93	-14,173.39	9,730.91	9,593.30	137.61	70.712		
11,500.00	7,321.00	16,815.00	6,894.39	138.22	217.73	-0.09	-5,520.93	-14,173.39	9,631.00	9,493.37	137.63	69.975		
11,600.00	7,321.00	16,815.00	6,894.39	139.76	217.73	-0.09	-5,520.93	-14,173.39	9,531.09	9,393.43	137.66	69.238		
11,700.00	7,321.00	16,815.00	6,894.39	141.34	217.73	-0.09	-5,520.93	-14,173.39	9,431.18	9,293.50	137.68	68.501		
11,800.00	7,321.00	16,815.00	6,894.39	142.94	217.73	-0.09	-5,520.93	-14,173.39	9,331.27	9,193.57	137.70	67.765		
11,900.00	7,321.00	16,815.00	6,894.39	144.58	217.73	-0.09	-5,520.93	-14,173.39	9,231.37	9,093.64	137.72	67.028		
12,000.00	7,321.00	16,815.00	6,894.39	146.25	217.73	-0.09	-5,520.93	-14,173.39	9,131.46	8,993.72	137.75	66.291		
12,100.00	7,321.00	16,815.00	6,894.39	147.95	217.73	-0.09	-5,520.93	-14,173.39	9,031.56	8,893.79	137.77	65.554		
12,200.00	7,321.00	16,815.00	6,894.39	149.67	217.73	-0.09	-5,520.93	-14,173.39	8,931.66	8,793.87	137.80	64.817		
12,300.00	7,321.00	16,815.00	6,894.39	151.43	217.73	-0.09	-5,520.93	-14,173.39	8,831.77	8,693.94	137.82	64.080		
12,400.00	7,321.00	16,815.00	6,894.39	153.22	217.73	-0.09	-5,520.93	-14,173.39	8,731.87	8,594.02	137.85	63.344		
12,500.00	7,321.00	16,815.00	6,894.39	155.04	217.73	-0.09	-5,520.93	-14,173.39	8,631.98	8,494.11	137.88	62.607		
12,600.00	7,321.00	16,815.00	6,894.39	156.88	217.73	-0.09	-5,520.93	-14,173.39	8,532.09	8,394.19	137.90	61.870		
12,700.00	7,321.00	16,815.00	6,894.39	158.75	217.73	-0.09	-5,520.93	-14,173.39	8,432.21	8,294.27	137.93	61.134		
12,800.00	7,321.00	16,815.00	6,894.39	160.65	217.73	-0.09	-5,520.93	-14,173.39	8,332.32	8,194.36	137.96	60.397		
12,900.00	7,321.00	16,815.00	6,894.39	162.57	217.73	-0.09	-5,520.93	-14,173.39	8,232.44	8,094.45	137.99	59.661		
13,000.00	7,321.00	16,815.00	6,894.39	164.51	217.73	-0.09	-5,520.93	-14,173.39	8,132.56	7,994.54	138.02	58.924		
13,100.00	7,321.00	16,815.00	6,894.39	166.48	217.73	-0.09	-5,520.93	-14,173.39	8,032.69	7,894.64	138.05	58.188		
13,200.00	7,321.00	16,815.00	6,894.39	168.48	217.73	-0.09	-5,520.93	-14,173.39	7,932.81	7,794.74	138.08	57.452		
13,300.00	7,321.00	16,815.00	6,894.39	170.49	217.73	-0.09	-5,520.93	-14,173.39	7,832.95	7,694.84	138.11	56.715		
13,400.00	7,321.00	16,815.00	6,894.39	172.52	217.73	-0.09	-5,520.93	-14,173.39	7,733.08	7,594.94	138.14	55.979		
13,500.00	7,321.00	16,815.00	6,894.39	174.58	217.73	-0.09	-5,520.93	-14,173.39	7,633.22	7,495.04	138.17	55.243		
13,600.00	7,321.00	16,815.00	6,894.39	176.66	217.73	-0.09	-5,520.93	-14,173.39	7,533.36	7,395.15	138.21	54.507		
13,700.00	7,321.00	16,815.00	6,894.39	178.75	217.73	-0.09	-5,520.93	-14,173.39	7,433.51	7,295.26	138.24	53.771		
13,800.00	7,321.00	16,815.00	6,894.39	180.87	217.73	-0.09	-5,520.93	-14,173.39	7,333.66	7,195.38	138.28	53.036		
13,900.00	7,321.00	16,815.00	6,894.39	183.00	217.73	-0.09	-5,520.93	-14,173.39	7,233.81	7,095.49	138.31	52.300		
14,000.00	7,321.00	16,815.00	6,894.39	185.15	217.73	-0.09	-5,520.93	-14,173.39	7,133.97	6,995.62	138.35	51.564		
14,100.00	7,321.00	16,815.00	6,894.39	187.32	217.73	-0.09	-5,520.93	-14,173.39	7,034.13	6,895.74	138.39	50.829		
14,200.00	7,321.00	16,815.00	6,894.39	189.50	217.73	-0.09	-5,520.93	-14,173.39	6,934.30	6,795.87	138.43	50.094		
14,300.00	7,321.00	16,815.00	6,894.39	191.70	217.73	-0.09	-5,520.93	-14,173.39	6,834.47	6,696.00	138.47	49.358		
14,400.00	7,321.00	16,815.00	6,894.39	193.92	217.73	-0.09	-5,520.93	-14,173.39	6,734.65	6,596.14	138.51	48.623		
14,500.00	7,321.00	16,815.00	6,894.39	196.15	217.73	-0.09	-5,520.93	-14,173.39	6,634.83	6,496.28	138.55	47.888		
14,600.00	7,321.00	16,815.00	6,894.39	198.39	217.73	-0.09	-5,520.93	-14,173.39	6,535.02	6,396.43	138.59	47.154		
14,700.00	7,321.00	16,815.00	6,894.39	200.65	217.73	-0.09	-5,520.93	-14,173.39	6,435.21	6,296.58	138.63	46.419		
14,800.00	7,321.00	16,815.00	6,894.39	202.92	217.73	-0.09	-5,520.93	-14,173.39	6,335.41	6,196.73	138.68	45.684		
14,900.00	7,321.00	16,815.00	6,894.39	205.20	217.73	-0.09	-5,520.93	-14,173.39	6,235.62	6,096.89	138.72	44.950		
15,000.00	7,321.00	16,815.00	6,894.39	207.50	217.73	-0.09	-5,520.93	-14,173.39	6,135.83	5,997.06	138.77	44.216		
15,100.00	7,321.00	16,815.00	6,894.39	209.80	217.73	-0.09	-5,520.93	-14,173.39	6,036.05	5,897.23	138.82	43.481		
15,200.00	7,321.00	16,815.00	6,894.39	212.12	217.73	-0.09	-5,520.93	-14,173.39	5,936.28	5,797.41	138.87	42.747		
15,300.00	7,321.00	16,815.00	6,894.39	214.45	217.73	-0.09	-5,520.93	-14,173.39	5,836.51	5,697.59	138.92	42.014		
15,400.00	7,321.00	16,815.00	6,894.39	216.79	217.73	-0.09	-5,520.93	-14,173.39	5,736.76	5,597.78	138.97	41.280		
15,500.00	7,321.00	16,815.00	6,894.39	219.15	217.73	-0.09	-5,520.93	-14,173.39	5,637.01	5,497.98	139.03	40.547		
15,600.00	7,321.00	16,815.00	6,894.39	221.51	217.73	-0.09	-5,520.93	-14,173.39	5,537.27	5,398.19	139.08	39.813		
15,700.00	7,321.00	16,815.00	6,894.39	223.88	217.73	-0.09	-5,520.93	-14,173.39	5,437.54	5,298.40	139.14	39.080		
15,800.00	7,321.00	16,815.00	6,894.39	226.26	217.73	-0.09	-5,520.93	-14,173.39	5,337.82	5,198.62	139.20	38.347		
15,900.00	7,321.00	16,815.00	6,894.39	228.65	217.73	-0.09	-5,520.93	-14,173.39	5,238.11	5,098.86	139.26	37.615		
16,000.00	7,321.00	16,815.00	6,894.39	231.04	217.73	-0.09	-5,520.93	-14,173.39	5,138.42	4,999.10	139.32	36.882		
16,100.00	7,321.00	16,815.00	6,894.39	233.45	217.73	-0.09	-5,520.93	-14,173.39	5,038.73	4,899.35	139.38	36.150		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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 3 - STK1 - STK1		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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
16,200.00	7,321.00	16,815.00	6,894.39	235.86	217.73	-0.09	-5,520.93	-14,173.39	4,939.06	4,799.61	139.45	35.418				
16,300.00	7,321.00	16,815.00	6,894.39	238.28	217.73	-0.09	-5,520.93	-14,173.39	4,839.40	4,699.88	139.52	34.686				
16,400.00	7,321.00	16,815.00	6,894.39	240.71	217.73	-0.09	-5,520.93	-14,173.39	4,739.76	4,600.16	139.59	33.954				
16,500.00	7,321.00	16,815.00	6,894.39	243.15	217.73	-0.09	-5,520.93	-14,173.39	4,640.13	4,500.46	139.67	33.223				
16,600.00	7,321.00	16,815.00	6,894.39	245.59	217.73	-0.09	-5,520.93	-14,173.39	4,540.51	4,400.77	139.74	32.491				
16,700.00	7,321.00	16,815.00	6,894.39	248.05	217.73	-0.09	-5,520.93	-14,173.39	4,440.92	4,301.09	139.83	31.760				
16,800.00	7,321.00	16,815.00	6,894.39	250.50	217.73	-0.09	-5,520.93	-14,173.39	4,341.34	4,201.43	139.91	31.030				
16,900.00	7,321.00	16,815.00	6,894.39	252.97	217.73	-0.09	-5,520.93	-14,173.39	4,241.79	4,101.79	140.00	30.299				
17,000.00	7,321.00	16,815.00	6,894.39	255.44	217.73	-0.09	-5,520.93	-14,173.39	4,142.25	4,002.16	140.09	29.569				
17,100.00	7,321.00	16,815.00	6,894.39	257.91	217.73	-0.09	-5,520.93	-14,173.39	4,042.74	3,902.56	140.18	28.839				
17,200.00	7,321.00	16,815.00	6,894.39	260.39	217.73	-0.09	-5,520.93	-14,173.39	3,943.25	3,802.97	140.28	28.110				
17,300.00	7,321.00	16,815.00	6,894.39	262.88	217.73	-0.09	-5,520.93	-14,173.39	3,843.79	3,703.40	140.39	27.380				
17,400.00	7,321.00	16,815.00	6,894.39	265.37	217.73	-0.09	-5,520.93	-14,173.39	3,744.36	3,603.86	140.49	26.651				
17,500.00	7,321.00	16,815.00	6,894.39	267.87	217.73	-0.09	-5,520.93	-14,173.39	3,644.96	3,504.35	140.61	25.923				
17,600.00	7,321.00	16,815.00	6,894.39	270.37	217.73	-0.09	-5,520.93	-14,173.39	3,545.59	3,404.86	140.73	25.194				
17,700.00	7,321.00	16,815.00	6,894.39	272.88	217.73	-0.09	-5,520.93	-14,173.39	3,446.26	3,305.40	140.86	24.466				
17,800.00	7,321.00	16,815.00	6,894.39	275.40	217.73	-0.09	-5,520.93	-14,173.39	3,346.97	3,205.97	140.99	23.738				
17,900.00	7,321.00	16,815.00	6,894.39	277.91	217.73	-0.09	-5,520.93	-14,173.39	3,247.72	3,106.58	141.14	23.011				
18,000.00	7,321.00	16,815.00	6,894.39	280.43	217.73	-0.09	-5,520.93	-14,173.39	3,148.52	3,007.23	141.29	22.284				
18,100.00	7,321.00	16,815.00	6,894.39	282.97	217.73	11.94	-5,520.93	-14,173.39	3,049.38	2,907.83	141.55	21.542				
18,200.00	7,321.00	16,815.00	6,894.39	285.53	217.73	25.09	-5,520.93	-14,173.39	2,950.40	2,808.24	142.16	20.754				
18,300.00	7,321.00	16,815.00	6,894.39	288.11	217.73	35.60	-5,520.93	-14,173.39	2,851.72	2,708.56	143.16	19.919				
18,400.00	7,321.00	16,815.00	6,894.39	290.70	217.73	43.65	-5,520.93	-14,173.39	2,753.51	2,608.89	144.62	19.040				
18,500.00	7,321.00	16,815.00	6,894.39	293.30	217.73	49.77	-5,520.93	-14,173.39	2,655.93	2,509.33	146.60	18.117				
18,600.00	7,321.00	16,815.00	6,894.39	295.90	217.73	50.49	-5,520.93	-14,173.39	2,558.93	2,409.88	149.06	17.167				
18,700.00	7,321.00	16,815.00	6,894.39	298.50	217.73	50.49	-5,520.93	-14,173.39	2,462.18	2,310.38	151.80	16.220				
18,800.00	7,321.00	16,815.00	6,894.39	301.11	217.73	50.49	-5,520.93	-14,173.39	2,365.70	2,210.84	154.86	15.277				
18,900.00	7,321.00	16,815.00	6,894.39	303.72	217.73	50.49	-5,520.93	-14,173.39	2,269.52	2,111.24	158.28	14.339				
19,000.00	7,321.00	16,815.00	6,894.39	306.32	217.73	50.49	-5,520.93	-14,173.39	2,173.69	2,011.58	162.11	13.409				
19,100.00	7,321.00	16,815.00	6,894.39	308.93	217.73	50.49	-5,520.93	-14,173.39	2,078.25	1,911.84	166.41	12.489				
19,200.00	7,321.00	16,815.00	6,894.39	311.54	217.73	50.49	-5,520.93	-14,173.39	1,983.25	1,812.00	171.25	11.581				
19,300.00	7,321.00	16,815.00	6,894.39	314.16	217.73	50.49	-5,520.93	-14,173.39	1,888.78	1,712.07	176.71	10.689				
19,400.00	7,321.00	16,815.00	6,894.39	316.77	217.73	50.49	-5,520.93	-14,173.39	1,794.91	1,612.04	182.87	9.815				
19,500.00	7,321.00	16,815.00	6,894.39	319.38	217.73	50.49	-5,520.93	-14,173.39	1,701.73	1,511.89	189.84	8.964				
19,600.00	7,321.00	16,815.00	6,894.39	322.00	217.73	50.49	-5,520.93	-14,173.39	1,609.37	1,411.63	197.73	8.139				
19,700.00	7,321.00	16,815.00	6,894.39	324.61	217.73	50.49	-5,520.93	-14,173.39	1,517.98	1,311.28	206.70	7.344				
19,800.00	7,321.00	16,815.00	6,894.39	327.23	217.73	48.40	-5,520.93	-14,173.39	1,427.41	1,210.81	216.59	6.590				
19,900.00	7,321.00	16,815.00	6,894.39	329.85	217.73	45.51	-5,520.93	-14,173.39	1,337.03	1,110.23	226.80	5.895				
20,000.00	7,321.00	16,815.00	6,894.39	332.46	217.73	42.54	-5,520.93	-14,173.39	1,246.98	1,009.71	237.27	5.256				
20,100.00	7,321.00	16,815.00	6,894.39	335.06	217.73	39.50	-5,520.93	-14,173.39	1,157.44	909.50	247.94	4.668				
20,200.00	7,321.00	16,815.00	6,894.39	337.65	217.73	36.46	-5,520.93	-14,173.39	1,068.66	809.89	258.77	4.130				
20,300.00	7,321.00	16,815.00	6,894.39	340.22	217.73	35.21	-5,520.93	-14,173.39	981.16	711.25	269.91	3.635				
20,400.00	7,321.00	16,815.00	6,894.39	342.79	217.73	35.21	-5,520.93	-14,173.39	896.17	613.70	282.47	3.173				
20,500.00	7,321.00	16,815.00	6,894.39	345.37	217.73	35.21	-5,520.93	-14,173.39	814.60	517.94	296.66	2.746				
20,600.00	7,321.00	16,815.00	6,894.39	347.95	217.73	35.21	-5,520.93	-14,173.39	737.59	425.21	312.37	2.361				
20,700.00	7,321.00	16,815.00	6,894.39	350.53	217.73	35.21	-5,520.93	-14,173.39	666.70	337.61	329.09	2.026				
20,800.00	7,321.00	16,815.00	6,894.39	353.11	217.73	35.21	-5,520.93	-14,173.39	604.10	258.63	345.47	1.749				
20,900.00	7,321.00	16,815.00	6,894.39	355.70	217.73	35.21	-5,520.93	-14,173.39	552.63	193.72	358.90	1.540				
20,976.29	7,321.00	16,815.00	6,894.39	357.67	217.73	35.21	-5,520.93	-14,173.39	522.90	158.19	364.70	1.434	Level 3, CC, ES, SF			

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
12,700.00	7,321.00	15,135.00	6,838.83	158.75	225.16	2.79	-5,498.43	-15,850.37	10,109.97	9,978.34	131.64	76.802		
12,800.00	7,321.00	15,135.00	6,838.83	160.65	225.16	2.79	-5,498.43	-15,850.37	10,010.08	9,878.40	131.68	76.020		
12,900.00	7,321.00	15,135.00	6,838.83	162.57	225.16	2.79	-5,498.43	-15,850.37	9,910.18	9,778.47	131.72	75.238		
13,000.00	7,321.00	15,135.00	6,838.83	164.51	225.16	2.79	-5,498.43	-15,850.37	9,810.29	9,678.53	131.76	74.456		
13,100.00	7,321.00	15,135.00	6,838.83	166.48	225.16	2.79	-5,498.43	-15,850.37	9,710.40	9,578.60	131.80	73.674		
13,200.00	7,321.00	15,135.00	6,838.83	168.48	225.16	2.79	-5,498.43	-15,850.37	9,610.52	9,478.67	131.85	72.892		
13,300.00	7,321.00	15,135.00	6,838.83	170.49	225.16	2.79	-5,498.43	-15,850.37	9,510.63	9,378.74	131.89	72.111		
13,400.00	7,321.00	15,135.00	6,838.83	172.52	225.16	2.79	-5,498.43	-15,850.37	9,410.75	9,278.82	131.93	71.329		
13,500.00	7,321.00	15,135.00	6,838.83	174.58	225.16	2.79	-5,498.43	-15,850.37	9,310.87	9,178.89	131.98	70.547		
13,600.00	7,321.00	15,135.00	6,838.83	176.66	225.16	2.79	-5,498.43	-15,850.37	9,210.99	9,078.97	132.03	69.766		
13,700.00	7,321.00	15,135.00	6,838.83	178.75	225.16	2.79	-5,498.43	-15,850.37	9,111.12	8,979.04	132.08	68.984		
13,800.00	7,321.00	15,135.00	6,838.83	180.87	225.16	2.79	-5,498.43	-15,850.37	9,011.25	8,879.12	132.12	68.202		
13,900.00	7,321.00	15,135.00	6,838.83	183.00	225.16	2.79	-5,498.43	-15,850.37	8,911.38	8,779.21	132.17	67.421		
14,000.00	7,321.00	15,135.00	6,838.83	185.15	225.16	2.79	-5,498.43	-15,850.37	8,811.52	8,679.29	132.23	66.640		
14,100.00	7,321.00	15,135.00	6,838.83	187.32	225.16	2.79	-5,498.43	-15,850.37	8,711.65	8,579.37	132.28	65.859		
14,200.00	7,321.00	15,135.00	6,838.83	189.50	225.16	2.79	-5,498.43	-15,850.37	8,611.79	8,479.46	132.33	65.077		
14,300.00	7,321.00	15,135.00	6,838.83	191.70	225.16	2.79	-5,498.43	-15,850.37	8,511.94	8,379.55	132.39	64.296		
14,400.00	7,321.00	15,135.00	6,838.83	193.92	225.16	2.79	-5,498.43	-15,850.37	8,412.09	8,279.64	132.44	63.516		
14,500.00	7,321.00	15,135.00	6,838.83	196.15	225.16	2.79	-5,498.43	-15,850.37	8,312.24	8,179.74	132.50	62.735		
14,600.00	7,321.00	15,135.00	6,838.83	198.39	225.16	2.79	-5,498.43	-15,850.37	8,212.39	8,079.84	132.56	61.954		
14,700.00	7,321.00	15,135.00	6,838.83	200.65	225.16	2.79	-5,498.43	-15,850.37	8,112.55	7,979.94	132.62	61.173		
14,800.00	7,321.00	15,135.00	6,838.83	202.92	225.16	2.79	-5,498.43	-15,850.37	8,012.71	7,880.04	132.68	60.393		
14,900.00	7,321.00	15,135.00	6,838.83	205.20	225.16	2.79	-5,498.43	-15,850.37	7,912.88	7,780.14	132.74	59.613		
15,000.00	7,321.00	15,135.00	6,838.83	207.50	225.16	2.79	-5,498.43	-15,850.37	7,813.05	7,680.25	132.80	58.833		
15,100.00	7,321.00	15,135.00	6,838.83	209.80	225.16	2.79	-5,498.43	-15,850.37	7,713.23	7,580.36	132.87	58.052		
15,200.00	7,321.00	15,135.00	6,838.83	212.12	225.16	2.79	-5,498.43	-15,850.37	7,613.41	7,480.47	132.93	57.273		
15,300.00	7,321.00	15,135.00	6,838.83	214.45	225.16	2.79	-5,498.43	-15,850.37	7,513.59	7,380.59	133.00	56.493		
15,400.00	7,321.00	15,135.00	6,838.83	216.79	225.16	2.79	-5,498.43	-15,850.37	7,413.78	7,280.71	133.07	55.713		
15,500.00	7,321.00	15,135.00	6,838.83	219.15	225.16	2.79	-5,498.43	-15,850.37	7,313.98	7,180.83	133.14	54.934		
15,600.00	7,321.00	15,135.00	6,838.83	221.51	225.16	2.79	-5,498.43	-15,850.37	7,214.18	7,080.96	133.21	54.154		
15,700.00	7,321.00	15,135.00	6,838.83	223.88	225.16	2.79	-5,498.43	-15,850.37	7,114.38	6,981.09	133.29	53.375		
15,800.00	7,321.00	15,135.00	6,838.83	226.26	225.16	2.79	-5,498.43	-15,850.37	7,014.60	6,881.23	133.37	52.596		
15,900.00	7,321.00	15,135.00	6,838.83	228.65	225.16	2.79	-5,498.43	-15,850.37	6,914.81	6,781.37	133.45	51.817		
16,000.00	7,321.00	15,135.00	6,838.83	231.04	225.16	2.79	-5,498.43	-15,850.37	6,815.04	6,681.51	133.53	51.039		
16,100.00	7,321.00	15,135.00	6,838.83	233.45	225.16	2.79	-5,498.43	-15,850.37	6,715.27	6,581.66	133.61	50.260		
16,200.00	7,321.00	15,135.00	6,838.83	235.86	225.16	2.79	-5,498.43	-15,850.37	6,615.51	6,481.81	133.70	49.482		
16,300.00	7,321.00	15,135.00	6,838.83	238.28	225.16	2.79	-5,498.43	-15,850.37	6,515.75	6,381.97	133.78	48.704		
16,400.00	7,321.00	15,135.00	6,838.83	240.71	225.16	2.79	-5,498.43	-15,850.37	6,416.01	6,282.13	133.87	47.926		
16,500.00	7,321.00	15,135.00	6,838.83	243.15	225.16	2.79	-5,498.43	-15,850.37	6,316.27	6,182.30	133.97	47.148		
16,600.00	7,321.00	15,135.00	6,838.83	245.59	225.16	2.79	-5,498.43	-15,850.37	6,216.54	6,082.48	134.06	46.371		
16,700.00	7,321.00	15,135.00	6,838.83	248.05	225.16	2.79	-5,498.43	-15,850.37	6,116.81	5,982.66	134.16	45.594		
16,800.00	7,321.00	15,135.00	6,838.83	250.50	225.16	2.79	-5,498.43	-15,850.37	6,017.10	5,882.84	134.26	44.817		
16,900.00	7,321.00	15,135.00	6,838.83	252.97	225.16	2.79	-5,498.43	-15,850.37	5,917.40	5,783.03	134.36	44.040		
17,000.00	7,321.00	15,135.00	6,838.83	255.44	225.16	2.79	-5,498.43	-15,850.37	5,817.71	5,683.23	134.47	43.263		
17,100.00	7,321.00	15,135.00	6,838.83	257.91	225.16	2.79	-5,498.43	-15,850.37	5,718.02	5,583.44	134.58	42.487		
17,200.00	7,321.00	15,135.00	6,838.83	260.39	225.16	2.79	-5,498.43	-15,850.37	5,618.35	5,483.66	134.70	41.711		
17,300.00	7,321.00	15,135.00	6,838.83	262.88	225.16	2.79	-5,498.43	-15,850.37	5,518.70	5,383.88	134.82	40.935		
17,400.00	7,321.00	15,135.00	6,838.83	265.37	225.16	2.79	-5,498.43	-15,850.37	5,419.05	5,284.11	134.94	40.159		
17,500.00	7,321.00	15,135.00	6,838.83	267.87	225.16	2.79	-5,498.43	-15,850.37	5,319.42	5,184.35	135.07	39.384		
17,600.00	7,321.00	15,135.00	6,838.83	270.37	225.16	2.79	-5,498.43	-15,850.37	5,219.80	5,084.60	135.20	38.609		
17,700.00	7,321.00	15,135.00	6,838.83	272.88	225.16	2.79	-5,498.43	-15,850.37	5,120.19	4,984.86	135.33	37.834		
17,800.00	7,321.00	15,135.00	6,838.83	275.40	225.16	2.79	-5,498.43	-15,850.37	5,020.61	4,885.13	135.48	37.059		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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 3 - 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								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						
17,900.00	7,321.00	15,135.00	6,838.83	277.91	225.16	2.79	-5,498.43	-15,850.37	4,921.03	4,785.41	135.62	36.285						
18,000.00	7,321.00	15,135.00	6,838.83	280.43	225.16	2.79	-5,498.43	-15,850.37	4,821.48	4,685.71	135.78	35.511						
18,100.00	7,321.00	15,135.00	6,838.83	282.97	225.16	18.71	-5,498.43	-15,850.37	4,721.96	4,585.95	136.01	34.718						
18,200.00	7,321.00	15,135.00	6,838.83	285.53	225.16	34.67	-5,498.43	-15,850.37	4,622.58	4,486.09	136.49	33.867						
18,300.00	7,321.00	15,135.00	6,838.83	288.11	225.16	46.02	-5,498.43	-15,850.37	4,523.47	4,386.23	137.24	32.960						
18,400.00	7,321.00	15,135.00	6,838.83	290.70	225.16	53.91	-5,498.43	-15,850.37	4,424.78	4,286.48	138.29	31.995						
18,500.00	7,321.00	15,135.00	6,838.83	293.30	225.16	59.51	-5,498.43	-15,850.37	4,326.65	4,186.97	139.68	30.976						
18,600.00	7,321.00	15,135.00	6,838.83	295.90	225.16	60.15	-5,498.43	-15,850.37	4,229.00	4,087.66	141.34	29.921						
18,700.00	7,321.00	15,135.00	6,838.83	298.50	225.16	60.15	-5,498.43	-15,850.37	4,131.47	3,988.35	143.12	28.868						
18,800.00	7,321.00	15,135.00	6,838.83	301.11	225.16	60.15	-5,498.43	-15,850.37	4,034.05	3,889.02	145.03	27.816						
18,900.00	7,321.00	15,135.00	6,838.83	303.72	225.16	60.15	-5,498.43	-15,850.37	3,936.77	3,789.69	147.08	26.767						
19,000.00	7,321.00	15,135.00	6,838.83	306.32	225.16	60.15	-5,498.43	-15,850.37	3,839.62	3,690.34	149.28	25.721						
19,100.00	7,321.00	15,135.00	6,838.83	308.93	225.16	60.15	-5,498.43	-15,850.37	3,742.63	3,590.98	151.65	24.680						
19,200.00	7,321.00	15,135.00	6,838.83	311.54	225.16	60.15	-5,498.43	-15,850.37	3,645.80	3,491.61	154.19	23.644						
19,300.00	7,321.00	15,135.00	6,838.83	314.16	225.16	60.15	-5,498.43	-15,850.37	3,549.14	3,392.21	156.93	22.616						
19,400.00	7,321.00	15,135.00	6,838.83	316.77	225.16	60.15	-5,498.43	-15,850.37	3,452.68	3,292.80	159.88	21.596						
19,500.00	7,321.00	15,135.00	6,838.83	319.38	225.16	60.15	-5,498.43	-15,850.37	3,356.42	3,193.37	163.05	20.585						
19,600.00	7,321.00	15,135.00	6,838.83	322.00	225.16	60.15	-5,498.43	-15,850.37	3,260.38	3,093.91	166.47	19.585						
19,700.00	7,321.00	15,135.00	6,838.83	324.61	225.16	60.15	-5,498.43	-15,850.37	3,164.60	2,994.44	170.16	18.598						
19,800.00	7,321.00	15,135.00	6,838.83	327.23	225.16	57.52	-5,498.43	-15,850.37	3,068.83	2,894.84	173.99	17.638						
19,900.00	7,321.00	15,135.00	6,838.83	329.85	225.16	53.47	-5,498.43	-15,850.37	2,972.51	2,794.91	177.60	16.737						
20,000.00	7,321.00	15,135.00	6,838.83	332.46	225.16	48.61	-5,498.43	-15,850.37	2,875.70	2,694.75	180.95	15.892						
20,100.00	7,321.00	15,135.00	6,838.83	335.06	225.16	42.79	-5,498.43	-15,850.37	2,778.46	2,594.49	183.97	15.103						
20,200.00	7,321.00	15,135.00	6,838.83	337.65	225.16	35.88	-5,498.43	-15,850.37	2,680.87	2,494.26	186.61	14.366						
20,300.00	7,321.00	15,135.00	6,838.83	340.22	225.16	32.66	-5,498.43	-15,850.37	2,583.07	2,394.14	188.93	13.672						
20,400.00	7,321.00	15,135.00	6,838.83	342.79	225.16	32.66	-5,498.43	-15,850.37	2,485.42	2,294.04	191.38	12.987						
20,500.00	7,321.00	15,135.00	6,838.83	345.37	225.16	32.66	-5,498.43	-15,850.37	2,387.96	2,193.93	194.02	12.308						
20,600.00	7,321.00	15,135.00	6,838.83	347.95	225.16	32.66	-5,498.43	-15,850.37	2,290.71	2,093.82	196.89	11.634						
20,700.00	7,321.00	15,135.00	6,838.83	350.53	225.16	32.66	-5,498.43	-15,850.37	2,193.72	1,993.70	200.01	10.968						
20,800.00	7,321.00	15,135.00	6,838.83	353.11	225.16	32.66	-5,498.43	-15,850.37	2,097.01	1,893.58	203.42	10.309						
20,900.00	7,321.00	15,135.00	6,838.83	355.70	225.16	32.66	-5,498.43	-15,850.37	2,000.62	1,793.47	207.15	9.658						
20,976.29	7,321.00	15,135.00	6,838.83	357.67	225.16	32.66	-5,498.43	-15,850.37	1,927.33	1,717.10	210.24	9.167	CC, ES, SF					

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,000.00	7,321.00	17,130.00	7,210.02	131.05	271.45	-54.60	-5,644.10	-14,155.26	10,105.59	9,974.78	130.81	77.252		
11,100.00	7,321.00	17,130.00	7,210.02	132.41	271.45	-54.60	-5,644.10	-14,155.26	10,005.60	9,874.81	130.80	76.497		
11,200.00	7,321.00	17,130.00	7,210.02	133.81	271.45	-54.60	-5,644.10	-14,155.26	9,905.61	9,774.83	130.78	75.743		
11,300.00	7,321.00	17,130.00	7,210.02	135.25	271.45	-54.60	-5,644.10	-14,155.26	9,805.63	9,674.86	130.76	74.989		
11,400.00	7,321.00	17,130.00	7,210.02	136.72	271.45	-54.60	-5,644.10	-14,155.26	9,705.64	9,574.89	130.74	74.234		
11,500.00	7,321.00	17,130.00	7,210.02	138.22	271.45	-54.60	-5,644.10	-14,155.26	9,605.65	9,474.92	130.73	73.480		
11,600.00	7,321.00	17,130.00	7,210.02	139.76	271.45	-54.60	-5,644.10	-14,155.26	9,505.66	9,374.96	130.71	72.725		
11,700.00	7,321.00	17,130.00	7,210.02	141.34	271.45	-54.60	-5,644.10	-14,155.26	9,405.68	9,274.99	130.69	71.970		
11,800.00	7,321.00	17,130.00	7,210.02	142.94	271.45	-54.60	-5,644.10	-14,155.26	9,305.69	9,175.02	130.67	71.216		
11,900.00	7,321.00	17,130.00	7,210.02	144.58	271.45	-54.60	-5,644.10	-14,155.26	9,205.70	9,075.05	130.65	70.461		
12,000.00	7,321.00	17,130.00	7,210.02	146.25	271.45	-54.60	-5,644.10	-14,155.26	9,105.72	8,975.09	130.63	69.706		
12,100.00	7,321.00	17,130.00	7,210.02	147.95	271.45	-54.60	-5,644.10	-14,155.26	9,005.73	8,875.12	130.61	68.952		
12,200.00	7,321.00	17,130.00	7,210.02	149.67	271.45	-54.60	-5,644.10	-14,155.26	8,905.74	8,775.16	130.59	68.197		
12,300.00	7,321.00	17,130.00	7,210.02	151.43	271.45	-54.60	-5,644.10	-14,155.26	8,805.76	8,675.19	130.57	67.442		
12,400.00	7,321.00	17,130.00	7,210.02	153.22	271.45	-54.60	-5,644.10	-14,155.26	8,705.77	8,575.23	130.55	66.688		
12,500.00	7,321.00	17,130.00	7,210.02	155.04	271.45	-54.60	-5,644.10	-14,155.26	8,605.79	8,475.27	130.52	65.933		
12,600.00	7,321.00	17,130.00	7,210.02	156.88	271.45	-54.60	-5,644.10	-14,155.26	8,505.81	8,375.30	130.50	65.178		
12,700.00	7,321.00	17,130.00	7,210.02	158.75	271.45	-54.60	-5,644.10	-14,155.26	8,405.82	8,275.34	130.48	64.423		
12,800.00	7,321.00	17,130.00	7,210.02	160.65	271.45	-54.60	-5,644.10	-14,155.26	8,305.84	8,175.38	130.45	63.669		
12,900.00	7,321.00	17,130.00	7,210.02	162.57	271.45	-54.60	-5,644.10	-14,155.26	8,205.86	8,075.43	130.43	62.914		
13,000.00	7,321.00	17,130.00	7,210.02	164.51	271.45	-54.60	-5,644.10	-14,155.26	8,105.87	7,975.47	130.41	62.159		
13,100.00	7,321.00	17,130.00	7,210.02	166.48	271.45	-54.60	-5,644.10	-14,155.26	8,005.89	7,875.51	130.38	61.404		
13,200.00	7,321.00	17,130.00	7,210.02	168.48	271.45	-54.60	-5,644.10	-14,155.26	7,905.91	7,775.55	130.35	60.650		
13,300.00	7,321.00	17,130.00	7,210.02	170.49	271.45	-54.60	-5,644.10	-14,155.26	7,805.93	7,675.60	130.33	59.895		
13,400.00	7,321.00	17,130.00	7,210.02	172.52	271.45	-54.60	-5,644.10	-14,155.26	7,705.95	7,575.65	130.30	59.140		
13,500.00	7,321.00	17,130.00	7,210.02	174.58	271.45	-54.60	-5,644.10	-14,155.26	7,605.97	7,475.69	130.27	58.385		
13,600.00	7,321.00	17,130.00	7,210.02	176.66	271.45	-54.60	-5,644.10	-14,155.26	7,505.99	7,375.74	130.24	57.631		
13,700.00	7,321.00	17,130.00	7,210.02	178.75	271.45	-54.60	-5,644.10	-14,155.26	7,406.01	7,275.79	130.21	56.876		
13,800.00	7,321.00	17,130.00	7,210.02	180.87	271.45	-54.60	-5,644.10	-14,155.26	7,306.03	7,175.85	130.18	56.122		
13,900.00	7,321.00	17,130.00	7,210.02	183.00	271.45	-54.60	-5,644.10	-14,155.26	7,206.05	7,075.90	130.15	55.367		
14,000.00	7,321.00	17,130.00	7,210.02	185.15	271.45	-54.60	-5,644.10	-14,155.26	7,106.07	6,975.95	130.12	54.612		
14,100.00	7,321.00	17,130.00	7,210.02	187.32	271.45	-54.60	-5,644.10	-14,155.26	7,006.10	6,876.01	130.09	53.858		
14,200.00	7,321.00	17,130.00	7,210.02	189.50	271.45	-54.60	-5,644.10	-14,155.26	6,906.12	6,776.07	130.05	53.103		
14,300.00	7,321.00	17,130.00	7,210.02	191.70	271.45	-54.60	-5,644.10	-14,155.26	6,806.14	6,676.13	130.02	52.349		
14,400.00	7,321.00	17,130.00	7,210.02	193.92	271.45	-54.60	-5,644.10	-14,155.26	6,706.17	6,576.19	129.98	51.594		
14,500.00	7,321.00	17,130.00	7,210.02	196.15	271.45	-54.60	-5,644.10	-14,155.26	6,606.20	6,476.25	129.94	50.840		
14,600.00	7,321.00	17,130.00	7,210.02	198.39	271.45	-54.60	-5,644.10	-14,155.26	6,506.22	6,376.32	129.90	50.085		
14,700.00	7,321.00	17,130.00	7,210.02	200.65	271.45	-54.60	-5,644.10	-14,155.26	6,406.25	6,276.39	129.86	49.331		
14,800.00	7,321.00	17,130.00	7,210.02	202.92	271.45	-54.60	-5,644.10	-14,155.26	6,306.28	6,176.46	129.82	48.577		
14,900.00	7,321.00	17,130.00	7,210.02	205.20	271.45	-54.60	-5,644.10	-14,155.26	6,206.31	6,076.53	129.78	47.822		
15,000.00	7,321.00	17,130.00	7,210.02	207.50	271.45	-54.60	-5,644.10	-14,155.26	6,106.34	5,976.60	129.73	47.068		
15,100.00	7,321.00	17,130.00	7,210.02	209.80	271.45	-54.60	-5,644.10	-14,155.26	6,006.37	5,876.68	129.69	46.314		
15,200.00	7,321.00	17,130.00	7,210.02	212.12	271.45	-54.60	-5,644.10	-14,155.26	5,906.40	5,776.76	129.64	45.559		
15,300.00	7,321.00	17,130.00	7,210.02	214.45	271.45	-54.60	-5,644.10	-14,155.26	5,806.44	5,676.84	129.59	44.805		
15,400.00	7,321.00	17,130.00	7,210.02	216.79	271.45	-54.60	-5,644.10	-14,155.26	5,706.47	5,576.93	129.54	44.051		
15,500.00	7,321.00	17,130.00	7,210.02	219.15	271.45	-54.60	-5,644.10	-14,155.26	5,606.51	5,477.02	129.49	43.297		
15,600.00	7,321.00	17,130.00	7,210.02	221.51	271.45	-54.60	-5,644.10	-14,155.26	5,506.54	5,377.11	129.44	42.542		
15,700.00	7,321.00	17,130.00	7,210.02	223.88	271.45	-54.60	-5,644.10	-14,155.26	5,406.58	5,277.20	129.38	41.788		
15,800.00	7,321.00	17,130.00	7,210.02	226.26	271.45	-54.60	-5,644.10	-14,155.26	5,306.62	5,177.30	129.32	41.034		
15,900.00	7,321.00	17,130.00	7,210.02	228.65	271.45	-54.60	-5,644.10	-14,155.26	5,206.67	5,077.40	129.26	40.280		
16,000.00	7,321.00	17,130.00	7,210.02	231.04	271.45	-54.60	-5,644.10	-14,155.26	5,106.71	4,977.51	129.20	39.525		
16,100.00	7,321.00	17,130.00	7,210.02	233.45	271.45	-54.60	-5,644.10	-14,155.26	5,006.75	4,877.62	129.14	38.771		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,200.00	7,321.00	17,130.00	7,210.02	235.86	271.45	-54.60	-5,644.10	-14,155.26	4,906.80	4,777.73	129.07	38.017		
16,300.00	7,321.00	17,130.00	7,210.02	238.28	271.45	-54.60	-5,644.10	-14,155.26	4,806.85	4,677.85	129.00	37.263		
16,400.00	7,321.00	17,130.00	7,210.02	240.71	271.45	-54.60	-5,644.10	-14,155.26	4,706.90	4,577.97	128.93	36.508		
16,500.00	7,321.00	17,130.00	7,210.02	243.15	271.45	-54.60	-5,644.10	-14,155.26	4,606.95	4,478.10	128.85	35.754		
16,600.00	7,321.00	17,130.00	7,210.02	245.59	271.45	-54.60	-5,644.10	-14,155.26	4,507.01	4,378.24	128.77	34.999		
16,700.00	7,321.00	17,130.00	7,210.02	248.05	271.45	-54.60	-5,644.10	-14,155.26	4,407.07	4,278.37	128.69	34.245		
16,800.00	7,321.00	17,130.00	7,210.02	250.50	271.45	-54.60	-5,644.10	-14,155.26	4,307.13	4,178.52	128.61	33.490		
16,900.00	7,321.00	17,130.00	7,210.02	252.97	271.45	-54.60	-5,644.10	-14,155.26	4,207.19	4,078.67	128.52	32.736		
17,000.00	7,321.00	17,130.00	7,210.02	255.44	271.45	-54.60	-5,644.10	-14,155.26	4,107.26	3,978.83	128.43	31.981		
17,100.00	7,321.00	17,130.00	7,210.02	257.91	271.45	-54.60	-5,644.10	-14,155.26	4,007.33	3,878.99	128.33	31.226		
17,200.00	7,321.00	17,130.00	7,210.02	260.39	271.45	-54.60	-5,644.10	-14,155.26	3,907.40	3,779.17	128.24	30.470		
17,300.00	7,321.00	17,130.00	7,210.02	262.88	271.45	-54.60	-5,644.10	-14,155.26	3,807.48	3,679.35	128.13	29.715		
17,400.00	7,321.00	17,130.00	7,210.02	265.37	271.45	-54.60	-5,644.10	-14,155.26	3,707.56	3,579.54	128.03	28.959		
17,500.00	7,321.00	17,130.00	7,210.02	267.87	271.45	-54.60	-5,644.10	-14,155.26	3,607.65	3,479.73	127.91	28.203		
17,600.00	7,321.00	17,130.00	7,210.02	270.37	271.45	-54.60	-5,644.10	-14,155.26	3,507.74	3,379.94	127.80	27.447		
17,700.00	7,321.00	17,130.00	7,210.02	272.88	271.45	-54.60	-5,644.10	-14,155.26	3,407.84	3,280.16	127.68	26.691		
17,800.00	7,321.00	17,130.00	7,210.02	275.40	271.45	-54.60	-5,644.10	-14,155.26	3,307.94	3,180.39	127.55	25.934		
17,900.00	7,321.00	17,130.00	7,210.02	277.91	271.45	-54.60	-5,644.10	-14,155.26	3,208.05	3,080.62	127.42	25.176		
18,000.00	7,321.00	17,130.00	7,210.02	280.43	271.45	-54.60	-5,644.10	-14,155.26	3,108.16	2,980.88	127.29	24.419		
18,100.00	7,321.00	17,130.00	7,210.02	282.97	271.45	-23.51	-5,644.10	-14,155.26	3,008.25	2,881.05	127.20	23.649		
18,200.00	7,321.00	17,130.00	7,210.02	285.53	271.45	36.43	-5,644.10	-14,155.26	2,908.30	2,781.00	127.30	22.845		
18,300.00	7,321.00	17,130.00	7,210.02	288.11	271.45	61.87	-5,644.10	-14,155.26	2,808.44	2,680.83	127.61	22.008		
18,400.00	7,321.00	17,130.00	7,210.02	290.70	271.45	71.34	-5,644.10	-14,155.26	2,708.79	2,580.63	128.16	21.137		
18,500.00	7,321.00	17,130.00	7,210.02	293.30	271.45	75.99	-5,644.10	-14,155.26	2,609.52	2,480.51	129.01	20.227		
18,600.00	7,321.00	17,130.00	7,210.02	295.90	271.45	76.45	-5,644.10	-14,155.26	2,510.60	2,380.43	130.18	19.286		
18,700.00	7,321.00	17,130.00	7,210.02	298.50	271.45	76.45	-5,644.10	-14,155.26	2,411.77	2,280.23	131.54	18.335		
18,800.00	7,321.00	17,130.00	7,210.02	301.11	271.45	76.45	-5,644.10	-14,155.26	2,313.04	2,179.90	133.15	17.372		
18,900.00	7,321.00	17,130.00	7,210.02	303.72	271.45	76.45	-5,644.10	-14,155.26	2,214.43	2,079.38	135.05	16.397		
19,000.00	7,321.00	17,130.00	7,210.02	306.32	271.45	76.45	-5,644.10	-14,155.26	2,115.95	1,978.64	137.31	15.410		
19,100.00	7,321.00	17,130.00	7,210.02	308.93	271.45	76.45	-5,644.10	-14,155.26	2,017.61	1,877.61	140.00	14.412		
19,200.00	7,321.00	17,130.00	7,210.02	311.54	271.45	76.45	-5,644.10	-14,155.26	1,919.45	1,776.23	143.21	13.403		
19,300.00	7,321.00	17,130.00	7,210.02	314.16	271.45	76.45	-5,644.10	-14,155.26	1,821.49	1,674.43	147.06	12.386		
19,400.00	7,321.00	17,130.00	7,210.02	316.77	271.45	76.45	-5,644.10	-14,155.26	1,723.76	1,572.11	151.65	11.367		
19,500.00	7,321.00	17,130.00	7,210.02	319.38	271.45	76.45	-5,644.10	-14,155.26	1,626.30	1,469.17	157.14	10.350		
19,600.00	7,321.00	17,130.00	7,210.02	322.00	271.45	76.45	-5,644.10	-14,155.26	1,529.18	1,365.50	163.68	9.342		
19,700.00	7,321.00	17,130.00	7,210.02	324.61	271.45	76.45	-5,644.10	-14,155.26	1,432.45	1,260.97	171.48	8.353		
19,800.00	7,321.00	17,130.00	7,210.02	327.23	271.45	75.07	-5,644.10	-14,155.26	1,335.94	1,155.52	180.42	7.405		
19,900.00	7,321.00	17,130.00	7,210.02	329.85	271.45	72.93	-5,644.10	-14,155.26	1,239.09	1,049.32	189.76	6.530		
20,000.00	7,321.00	17,130.00	7,210.02	332.46	271.45	70.33	-5,644.10	-14,155.26	1,141.90	942.48	199.42	5.726		
20,100.00	7,321.00	17,130.00	7,210.02	335.06	271.45	67.16	-5,644.10	-14,155.26	1,044.41	835.05	209.36	4.989		
20,200.00	7,321.00	17,130.00	7,210.02	337.65	271.45	63.30	-5,644.10	-14,155.26	946.68	727.11	219.57	4.311		
20,300.00	7,321.00	17,130.00	7,210.02	340.22	271.45	61.47	-5,644.10	-14,155.26	848.87	618.41	230.45	3.683		
20,400.00	7,321.00	17,130.00	7,210.02	342.79	271.45	61.47	-5,644.10	-14,155.26	751.56	507.61	243.95	3.081		
20,500.00	7,321.00	17,130.00	7,210.02	345.37	271.45	61.47	-5,644.10	-14,155.26	655.07	393.70	261.37	2.506		
20,600.00	7,321.00	17,130.00	7,210.02	347.95	271.45	61.47	-5,644.10	-14,155.26	559.81	275.32	284.49	1.968		
20,700.00	7,321.00	17,130.00	7,210.02	350.53	271.45	61.47	-5,644.10	-14,155.26	466.54	150.33	316.21	1.475	Level 3	
20,800.00	7,321.00	17,130.00	7,210.02	353.11	271.45	61.47	-5,644.10	-14,155.26	376.73	15.62	361.12	1.043	Level 2	
20,900.00	7,321.00	17,130.00	7,210.02	355.70	271.45	61.47	-5,644.10	-14,155.26	293.60	-131.80	425.40	0.690	Level 1	
20,976.29	7,321.00	17,130.00	7,210.02	357.67	271.45	61.47	-5,644.10	-14,155.26	239.03	-249.08	488.11	0.490	Level 1, 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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,000.00	7,321.00	16,905.00	6,998.53	131.05	271.34	-46.17	-5,832.28	-14,157.21	10,115.71	9,985.46	130.25	77.661		
11,100.00	7,321.00	16,905.00	6,998.53	132.41	271.34	-46.17	-5,832.28	-14,157.21	10,015.80	9,885.58	130.22	76.914		
11,200.00	7,321.00	16,905.00	6,998.53	133.81	271.34	-46.17	-5,832.28	-14,157.21	9,915.90	9,785.71	130.19	76.167		
11,300.00	7,321.00	16,905.00	6,998.53	135.25	271.34	-46.17	-5,832.28	-14,157.21	9,815.99	9,685.84	130.15	75.420		
11,400.00	7,321.00	16,905.00	6,998.53	136.72	271.34	-46.17	-5,832.28	-14,157.21	9,716.09	9,585.97	130.12	74.672		
11,500.00	7,321.00	16,905.00	6,998.53	138.22	271.34	-46.17	-5,832.28	-14,157.21	9,616.19	9,486.11	130.08	73.924		
11,600.00	7,321.00	16,905.00	6,998.53	139.76	271.34	-46.17	-5,832.28	-14,157.21	9,516.29	9,386.25	130.05	73.176		
11,700.00	7,321.00	16,905.00	6,998.53	141.34	271.34	-46.17	-5,832.28	-14,157.21	9,416.40	9,286.39	130.01	72.428		
11,800.00	7,321.00	16,905.00	6,998.53	142.94	271.34	-46.17	-5,832.28	-14,157.21	9,316.50	9,186.53	129.97	71.680		
11,900.00	7,321.00	16,905.00	6,998.53	144.58	271.34	-46.17	-5,832.28	-14,157.21	9,216.61	9,086.68	129.94	70.931		
12,000.00	7,321.00	16,905.00	6,998.53	146.25	271.34	-46.17	-5,832.28	-14,157.21	9,116.73	8,986.82	129.90	70.182		
12,100.00	7,321.00	16,905.00	6,998.53	147.95	271.34	-46.17	-5,832.28	-14,157.21	9,016.84	8,886.98	129.86	69.433		
12,200.00	7,321.00	16,905.00	6,998.53	149.67	271.34	-46.17	-5,832.28	-14,157.21	8,916.96	8,787.13	129.83	68.684		
12,300.00	7,321.00	16,905.00	6,998.53	151.43	271.34	-46.17	-5,832.28	-14,157.21	8,817.07	8,687.29	129.79	67.935		
12,400.00	7,321.00	16,905.00	6,998.53	153.22	271.34	-46.17	-5,832.28	-14,157.21	8,717.20	8,587.45	129.75	67.185		
12,500.00	7,321.00	16,905.00	6,998.53	155.04	271.34	-46.17	-5,832.28	-14,157.21	8,617.32	8,487.61	129.71	66.435		
12,600.00	7,321.00	16,905.00	6,998.53	156.88	271.34	-46.17	-5,832.28	-14,157.21	8,517.45	8,387.78	129.67	65.685		
12,700.00	7,321.00	16,905.00	6,998.53	158.75	271.34	-46.17	-5,832.28	-14,157.21	8,417.58	8,287.95	129.63	64.935		
12,800.00	7,321.00	16,905.00	6,998.53	160.65	271.34	-46.17	-5,832.28	-14,157.21	8,317.71	8,188.12	129.59	64.185		
12,900.00	7,321.00	16,905.00	6,998.53	162.57	271.34	-46.17	-5,832.28	-14,157.21	8,217.85	8,088.30	129.55	63.434		
13,000.00	7,321.00	16,905.00	6,998.53	164.51	271.34	-46.17	-5,832.28	-14,157.21	8,117.99	7,988.48	129.51	62.683		
13,100.00	7,321.00	16,905.00	6,998.53	166.48	271.34	-46.17	-5,832.28	-14,157.21	8,018.13	7,888.67	129.47	61.932		
13,200.00	7,321.00	16,905.00	6,998.53	168.48	271.34	-46.17	-5,832.28	-14,157.21	7,918.28	7,788.86	129.42	61.181		
13,300.00	7,321.00	16,905.00	6,998.53	170.49	271.34	-46.17	-5,832.28	-14,157.21	7,818.43	7,689.05	129.38	60.429		
13,400.00	7,321.00	16,905.00	6,998.53	172.52	271.34	-46.17	-5,832.28	-14,157.21	7,718.59	7,589.25	129.34	59.678		
13,500.00	7,321.00	16,905.00	6,998.53	174.58	271.34	-46.17	-5,832.28	-14,157.21	7,618.75	7,489.45	129.29	58.925		
13,600.00	7,321.00	16,905.00	6,998.53	176.66	271.34	-46.17	-5,832.28	-14,157.21	7,518.91	7,389.66	129.25	58.173		
13,700.00	7,321.00	16,905.00	6,998.53	178.75	271.34	-46.17	-5,832.28	-14,157.21	7,419.08	7,289.87	129.21	57.421		
13,800.00	7,321.00	16,905.00	6,998.53	180.87	271.34	-46.17	-5,832.28	-14,157.21	7,319.25	7,190.09	129.16	56.668		
13,900.00	7,321.00	16,905.00	6,998.53	183.00	271.34	-46.17	-5,832.28	-14,157.21	7,219.43	7,090.31	129.12	55.914		
14,000.00	7,321.00	16,905.00	6,998.53	185.15	271.34	-46.17	-5,832.28	-14,157.21	7,119.61	6,990.54	129.07	55.161		
14,100.00	7,321.00	16,905.00	6,998.53	187.32	271.34	-46.17	-5,832.28	-14,157.21	7,019.80	6,890.77	129.02	54.407		
14,200.00	7,321.00	16,905.00	6,998.53	189.50	271.34	-46.17	-5,832.28	-14,157.21	6,919.99	6,791.01	128.98	53.653		
14,300.00	7,321.00	16,905.00	6,998.53	191.70	271.34	-46.17	-5,832.28	-14,157.21	6,820.19	6,691.26	128.93	52.899		
14,400.00	7,321.00	16,905.00	6,998.53	193.92	271.34	-46.17	-5,832.28	-14,157.21	6,720.39	6,591.51	128.88	52.144		
14,500.00	7,321.00	16,905.00	6,998.53	196.15	271.34	-46.17	-5,832.28	-14,157.21	6,620.60	6,491.77	128.83	51.389		
14,600.00	7,321.00	16,905.00	6,998.53	198.39	271.34	-46.17	-5,832.28	-14,157.21	6,520.82	6,392.03	128.79	50.633		
14,700.00	7,321.00	16,905.00	6,998.53	200.65	271.34	-46.17	-5,832.28	-14,157.21	6,421.04	6,292.30	128.74	49.877		
14,800.00	7,321.00	16,905.00	6,998.53	202.92	271.34	-46.17	-5,832.28	-14,157.21	6,321.27	6,192.58	128.69	49.121		
14,900.00	7,321.00	16,905.00	6,998.53	205.20	271.34	-46.17	-5,832.28	-14,157.21	6,221.51	6,092.87	128.64	48.364		
15,000.00	7,321.00	16,905.00	6,998.53	207.50	271.34	-46.17	-5,832.28	-14,157.21	6,121.76	5,993.17	128.59	47.607		
15,100.00	7,321.00	16,905.00	6,998.53	209.80	271.34	-46.17	-5,832.28	-14,157.21	6,022.01	5,893.47	128.54	46.849		
15,200.00	7,321.00	16,905.00	6,998.53	212.12	271.34	-46.17	-5,832.28	-14,157.21	5,922.27	5,793.78	128.49	46.091		
15,300.00	7,321.00	16,905.00	6,998.53	214.45	271.34	-46.17	-5,832.28	-14,157.21	5,822.54	5,694.10	128.44	45.332		
15,400.00	7,321.00	16,905.00	6,998.53	216.79	271.34	-46.17	-5,832.28	-14,157.21	5,722.83	5,594.43	128.39	44.573		
15,500.00	7,321.00	16,905.00	6,998.53	219.15	271.34	-46.17	-5,832.28	-14,157.21	5,623.12	5,494.77	128.34	43.813		
15,600.00	7,321.00	16,905.00	6,998.53	221.51	271.34	-46.17	-5,832.28	-14,157.21	5,523.42	5,395.12	128.29	43.053		
15,700.00	7,321.00	16,905.00	6,998.53	223.88	271.34	-46.17	-5,832.28	-14,157.21	5,423.73	5,295.48	128.25	42.292		
15,800.00	7,321.00	16,905.00	6,998.53	226.26	271.34	-46.17	-5,832.28	-14,157.21	5,324.06	5,195.86	128.20	41.530		
15,900.00	7,321.00	16,905.00	6,998.53	228.65	271.34	-46.17	-5,832.28	-14,157.21	5,224.39	5,096.24	128.15	40.767		
16,000.00	7,321.00	16,905.00	6,998.53	231.04	271.34	-46.17	-5,832.28	-14,157.21	5,124.74	4,996.64	128.10	40.004		
16,100.00	7,321.00	16,905.00	6,998.53	233.45	271.34	-46.17	-5,832.28	-14,157.21	5,025.11	4,897.05	128.06	39.240		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,200.00	7,321.00	16,905.00	6,998.53	235.86	271.34	-46.17	-5,832.28	-14,157.21	4,925.48	4,797.47	128.02	38.476		
16,300.00	7,321.00	16,905.00	6,998.53	238.28	271.34	-46.17	-5,832.28	-14,157.21	4,825.88	4,697.91	127.97	37.710		
16,400.00	7,321.00	16,905.00	6,998.53	240.71	271.34	-46.17	-5,832.28	-14,157.21	4,726.29	4,598.36	127.93	36.944		
16,500.00	7,321.00	16,905.00	6,998.53	243.15	271.34	-46.17	-5,832.28	-14,157.21	4,626.72	4,498.82	127.89	36.176		
16,600.00	7,321.00	16,905.00	6,998.53	245.59	271.34	-46.17	-5,832.28	-14,157.21	4,527.16	4,399.31	127.86	35.408		
16,700.00	7,321.00	16,905.00	6,998.53	248.05	271.34	-46.17	-5,832.28	-14,157.21	4,427.63	4,299.81	127.83	34.638		
16,800.00	7,321.00	16,905.00	6,998.53	250.50	271.34	-46.17	-5,832.28	-14,157.21	4,328.12	4,200.33	127.80	33.867		
16,900.00	7,321.00	16,905.00	6,998.53	252.97	271.34	-46.17	-5,832.28	-14,157.21	4,228.63	4,100.86	127.77	33.095		
17,000.00	7,321.00	16,905.00	6,998.53	255.44	271.34	-46.17	-5,832.28	-14,157.21	4,129.17	4,001.42	127.75	32.322		
17,100.00	7,321.00	16,905.00	6,998.53	257.91	271.34	-46.17	-5,832.28	-14,157.21	4,029.73	3,902.00	127.74	31.547		
17,200.00	7,321.00	16,905.00	6,998.53	260.39	271.34	-46.17	-5,832.28	-14,157.21	3,930.33	3,802.60	127.73	30.771		
17,300.00	7,321.00	16,905.00	6,998.53	262.88	271.34	-46.17	-5,832.28	-14,157.21	3,830.95	3,703.22	127.73	29.993		
17,400.00	7,321.00	16,905.00	6,998.53	265.37	271.34	-46.17	-5,832.28	-14,157.21	3,731.61	3,603.87	127.73	29.214		
17,500.00	7,321.00	16,905.00	6,998.53	267.87	271.34	-46.17	-5,832.28	-14,157.21	3,632.30	3,504.55	127.75	28.432		
17,600.00	7,321.00	16,905.00	6,998.53	270.37	271.34	-46.17	-5,832.28	-14,157.21	3,533.03	3,405.25	127.78	27.649		
17,700.00	7,321.00	16,905.00	6,998.53	272.88	271.34	-46.17	-5,832.28	-14,157.21	3,433.80	3,305.98	127.82	26.864		
17,800.00	7,321.00	16,905.00	6,998.53	275.40	271.34	-46.17	-5,832.28	-14,157.21	3,334.62	3,206.74	127.88	26.076		
17,900.00	7,321.00	16,905.00	6,998.53	277.91	271.34	-46.17	-5,832.28	-14,157.21	3,235.49	3,107.54	127.96	25.286		
18,000.00	7,321.00	16,905.00	6,998.53	280.43	271.34	-46.17	-5,832.28	-14,157.21	3,136.42	3,008.36	128.05	24.493		
18,100.00	7,321.00	16,905.00	6,998.53	282.97	271.34	-37.08	-5,832.28	-14,157.21	3,037.30	2,909.12	128.18	23.695		
18,200.00	7,321.00	16,905.00	6,998.53	285.53	271.34	-22.29	-5,832.28	-14,157.21	2,937.98	2,809.62	128.36	22.889		
18,300.00	7,321.00	16,905.00	6,998.53	288.11	271.34	-4.30	-5,832.28	-14,157.21	2,838.55	2,709.98	128.57	22.077		
18,400.00	7,321.00	16,905.00	6,998.53	290.70	271.34	13.93	-5,832.28	-14,157.21	2,739.14	2,610.32	128.82	21.263		
18,500.00	7,321.00	16,905.00	6,998.53	293.30	271.34	29.21	-5,832.28	-14,157.21	2,639.87	2,510.75	129.12	20.445		
18,600.00	7,321.00	16,905.00	6,998.53	295.90	271.34	31.01	-5,832.28	-14,157.21	2,540.79	2,411.31	129.47	19.624		
18,700.00	7,321.00	16,905.00	6,998.53	298.50	271.34	31.01	-5,832.28	-14,157.21	2,441.77	2,311.91	129.86	18.803		
18,800.00	7,321.00	16,905.00	6,998.53	301.11	271.34	31.01	-5,832.28	-14,157.21	2,342.85	2,212.54	130.31	17.979		
18,900.00	7,321.00	16,905.00	6,998.53	303.72	271.34	31.01	-5,832.28	-14,157.21	2,244.02	2,113.20	130.82	17.154		
19,000.00	7,321.00	16,905.00	6,998.53	306.32	271.34	31.01	-5,832.28	-14,157.21	2,145.29	2,013.89	131.40	16.326		
19,100.00	7,321.00	16,905.00	6,998.53	308.93	271.34	31.01	-5,832.28	-14,157.21	2,046.69	1,914.62	132.08	15.496		
19,200.00	7,321.00	16,905.00	6,998.53	311.54	271.34	31.01	-5,832.28	-14,157.21	1,948.23	1,815.37	132.87	14.663		
19,300.00	7,321.00	16,905.00	6,998.53	314.16	271.34	31.01	-5,832.28	-14,157.21	1,849.94	1,716.14	133.80	13.826		
19,400.00	7,321.00	16,905.00	6,998.53	316.77	271.34	31.01	-5,832.28	-14,157.21	1,751.84	1,616.93	134.91	12.985		
19,500.00	7,321.00	16,905.00	6,998.53	319.38	271.34	31.01	-5,832.28	-14,157.21	1,653.97	1,517.72	136.25	12.139		
19,600.00	7,321.00	16,905.00	6,998.53	322.00	271.34	31.01	-5,832.28	-14,157.21	1,556.37	1,418.49	137.88	11.288		
19,700.00	7,321.00	16,905.00	6,998.53	324.61	271.34	31.01	-5,832.28	-14,157.21	1,459.10	1,319.20	139.90	10.430		
19,800.00	7,321.00	16,905.00	6,998.53	327.23	271.34	25.70	-5,832.28	-14,157.21	1,362.10	1,219.79	142.30	9.572		
19,900.00	7,321.00	16,905.00	6,998.53	329.85	271.34	18.41	-5,832.28	-14,157.21	1,265.18	1,120.34	144.83	8.735		
20,000.00	7,321.00	16,905.00	6,998.53	332.46	271.34	11.08	-5,832.28	-14,157.21	1,168.48	1,021.09	147.38	7.928		
20,100.00	7,321.00	16,905.00	6,998.53	335.06	271.34	4.01	-5,832.28	-14,157.21	1,072.19	922.35	149.84	7.156		
20,200.00	7,321.00	16,905.00	6,998.53	337.65	271.34	-2.53	-5,832.28	-14,157.21	976.57	824.47	152.11	6.420		
20,300.00	7,321.00	16,905.00	6,998.53	340.22	271.34	-5.04	-5,832.28	-14,157.21	881.96	727.70	154.26	5.717		
20,400.00	7,321.00	16,905.00	6,998.53	342.79	271.34	-5.04	-5,832.28	-14,157.21	788.69	631.74	156.95	5.025		
20,500.00	7,321.00	16,905.00	6,998.53	345.37	271.34	-5.04	-5,832.28	-14,157.21	697.28	536.82	160.46	4.346		
20,600.00	7,321.00	16,905.00	6,998.53	347.95	271.34	-5.04	-5,832.28	-14,157.21	608.58	443.45	165.13	3.685		
20,700.00	7,321.00	16,905.00	6,998.53	350.53	271.34	-5.04	-5,832.28	-14,157.21	523.97	352.52	171.44	3.056		
20,800.00	7,321.00	16,905.00	6,998.53	353.11	271.34	-5.04	-5,832.28	-14,157.21	445.77	265.79	179.99	2.477		
20,900.00	7,321.00	16,905.00	6,998.53	355.70	271.34	-5.04	-5,832.28	-14,157.21	378.00	186.89	191.11	1.978		
20,976.29	7,321.00	16,905.00	6,998.53	357.67	271.34	-5.04	-5,832.28	-14,157.21	337.26	136.56	200.70	1.680 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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,100.00	7,321.00	17,004.00	7,125.88	132.41	269.94	-75.42	-6,182.02	-14,198.62	10,071.22	9,938.57	132.65	75.924		
11,200.00	7,321.00	17,004.00	7,125.88	133.81	269.94	-75.42	-6,182.02	-14,198.62	9,971.45	9,838.85	132.60	75.201		
11,300.00	7,321.00	17,004.00	7,125.88	135.25	269.94	-75.42	-6,182.02	-14,198.62	9,871.69	9,739.14	132.55	74.477		
11,400.00	7,321.00	17,004.00	7,125.88	136.72	269.94	-75.42	-6,182.02	-14,198.62	9,771.93	9,639.43	132.50	73.753		
11,500.00	7,321.00	17,004.00	7,125.88	138.22	269.94	-75.42	-6,182.02	-14,198.62	9,672.18	9,539.73	132.44	73.028		
11,600.00	7,321.00	17,004.00	7,125.88	139.76	269.94	-75.42	-6,182.02	-14,198.62	9,572.43	9,440.04	132.39	72.303		
11,700.00	7,321.00	17,004.00	7,125.88	141.34	269.94	-75.42	-6,182.02	-14,198.62	9,472.69	9,340.35	132.34	71.577		
11,800.00	7,321.00	17,004.00	7,125.88	142.94	269.94	-75.42	-6,182.02	-14,198.62	9,372.95	9,240.66	132.29	70.851		
11,900.00	7,321.00	17,004.00	7,125.88	144.58	269.94	-75.42	-6,182.02	-14,198.62	9,273.22	9,140.98	132.24	70.125		
12,000.00	7,321.00	17,004.00	7,125.88	146.25	269.94	-75.42	-6,182.02	-14,198.62	9,173.50	9,041.31	132.19	69.398		
12,100.00	7,321.00	17,004.00	7,125.88	147.95	269.94	-75.42	-6,182.02	-14,198.62	9,073.78	8,941.64	132.14	68.670		
12,200.00	7,321.00	17,004.00	7,125.88	149.67	269.94	-75.42	-6,182.02	-14,198.62	8,974.06	8,841.98	132.08	67.942		
12,300.00	7,321.00	17,004.00	7,125.88	151.43	269.94	-75.42	-6,182.02	-14,198.62	8,874.36	8,742.33	132.03	67.213		
12,400.00	7,321.00	17,004.00	7,125.88	153.22	269.94	-75.42	-6,182.02	-14,198.62	8,774.66	8,642.68	131.98	66.484		
12,500.00	7,321.00	17,004.00	7,125.88	155.04	269.94	-75.42	-6,182.02	-14,198.62	8,674.97	8,543.04	131.93	65.755		
12,600.00	7,321.00	17,004.00	7,125.88	156.88	269.94	-75.42	-6,182.02	-14,198.62	8,575.28	8,443.40	131.88	65.024		
12,700.00	7,321.00	17,004.00	7,125.88	158.75	269.94	-75.42	-6,182.02	-14,198.62	8,475.60	8,343.78	131.83	64.293		
12,800.00	7,321.00	17,004.00	7,125.88	160.65	269.94	-75.42	-6,182.02	-14,198.62	8,375.93	8,244.16	131.78	63.562		
12,900.00	7,321.00	17,004.00	7,125.88	162.57	269.94	-75.42	-6,182.02	-14,198.62	8,276.27	8,144.55	131.73	62.830		
13,000.00	7,321.00	17,004.00	7,125.88	164.51	269.94	-75.42	-6,182.02	-14,198.62	8,176.62	8,044.94	131.67	62.097		
13,100.00	7,321.00	17,004.00	7,125.88	166.48	269.94	-75.42	-6,182.02	-14,198.62	8,076.97	7,945.35	131.62	61.364		
13,200.00	7,321.00	17,004.00	7,125.88	168.48	269.94	-75.42	-6,182.02	-14,198.62	7,977.34	7,845.76	131.57	60.630		
13,300.00	7,321.00	17,004.00	7,125.88	170.49	269.94	-75.42	-6,182.02	-14,198.62	7,877.71	7,746.18	131.53	59.895		
13,400.00	7,321.00	17,004.00	7,125.88	172.52	269.94	-75.42	-6,182.02	-14,198.62	7,778.09	7,646.61	131.48	59.159		
13,500.00	7,321.00	17,004.00	7,125.88	174.58	269.94	-75.42	-6,182.02	-14,198.62	7,678.48	7,547.05	131.43	58.423		
13,600.00	7,321.00	17,004.00	7,125.88	176.66	269.94	-75.42	-6,182.02	-14,198.62	7,578.88	7,447.50	131.38	57.686		
13,700.00	7,321.00	17,004.00	7,125.88	178.75	269.94	-75.42	-6,182.02	-14,198.62	7,479.30	7,347.96	131.33	56.949		
13,800.00	7,321.00	17,004.00	7,125.88	180.87	269.94	-75.42	-6,182.02	-14,198.62	7,379.72	7,248.43	131.29	56.210		
13,900.00	7,321.00	17,004.00	7,125.88	183.00	269.94	-75.42	-6,182.02	-14,198.62	7,280.16	7,148.92	131.24	55.471		
14,000.00	7,321.00	17,004.00	7,125.88	185.15	269.94	-75.42	-6,182.02	-14,198.62	7,180.61	7,049.41	131.20	54.731		
14,100.00	7,321.00	17,004.00	7,125.88	187.32	269.94	-75.42	-6,182.02	-14,198.62	7,081.07	6,949.91	131.16	53.990		
14,200.00	7,321.00	17,004.00	7,125.88	189.50	269.94	-75.42	-6,182.02	-14,198.62	6,981.54	6,850.43	131.11	53.248		
14,300.00	7,321.00	17,004.00	7,125.88	191.70	269.94	-75.42	-6,182.02	-14,198.62	6,882.03	6,750.96	131.07	52.505		
14,400.00	7,321.00	17,004.00	7,125.88	193.92	269.94	-75.42	-6,182.02	-14,198.62	6,782.53	6,651.50	131.03	51.762		
14,500.00	7,321.00	17,004.00	7,125.88	196.15	269.94	-75.42	-6,182.02	-14,198.62	6,683.05	6,552.05	131.00	51.017		
14,600.00	7,321.00	17,004.00	7,125.88	198.39	269.94	-75.42	-6,182.02	-14,198.62	6,583.58	6,452.62	130.96	50.271		
14,700.00	7,321.00	17,004.00	7,125.88	200.65	269.94	-75.42	-6,182.02	-14,198.62	6,484.13	6,353.20	130.93	49.524		
14,800.00	7,321.00	17,004.00	7,125.88	202.92	269.94	-75.42	-6,182.02	-14,198.62	6,384.70	6,253.80	130.90	48.776		
14,900.00	7,321.00	17,004.00	7,125.88	205.20	269.94	-75.42	-6,182.02	-14,198.62	6,285.28	6,154.41	130.87	48.027		
15,000.00	7,321.00	17,004.00	7,125.88	207.50	269.94	-75.42	-6,182.02	-14,198.62	6,185.88	6,055.04	130.84	47.277		
15,100.00	7,321.00	17,004.00	7,125.88	209.80	269.94	-75.42	-6,182.02	-14,198.62	6,086.51	5,955.68	130.82	46.525		
15,200.00	7,321.00	17,004.00	7,125.88	212.12	269.94	-75.42	-6,182.02	-14,198.62	5,987.15	5,856.35	130.80	45.772		
15,300.00	7,321.00	17,004.00	7,125.88	214.45	269.94	-75.42	-6,182.02	-14,198.62	5,887.81	5,757.03	130.79	45.018		
15,400.00	7,321.00	17,004.00	7,125.88	216.79	269.94	-75.42	-6,182.02	-14,198.62	5,788.50	5,657.72	130.78	44.262		
15,500.00	7,321.00	17,004.00	7,125.88	219.15	269.94	-75.42	-6,182.02	-14,198.62	5,689.22	5,558.44	130.77	43.504		
15,600.00	7,321.00	17,004.00	7,125.88	221.51	269.94	-75.42	-6,182.02	-14,198.62	5,589.95	5,459.18	130.77	42.745		
15,700.00	7,321.00	17,004.00	7,125.88	223.88	269.94	-75.42	-6,182.02	-14,198.62	5,490.72	5,359.94	130.78	41.985		
15,800.00	7,321.00	17,004.00	7,125.88	226.26	269.94	-75.42	-6,182.02	-14,198.62	5,391.51	5,260.72	130.79	41.222		
15,900.00	7,321.00	17,004.00	7,125.88	228.65	269.94	-75.42	-6,182.02	-14,198.62	5,292.33	5,161.52	130.81	40.458		
16,000.00	7,321.00	17,004.00	7,125.88	231.04	269.94	-75.42	-6,182.02	-14,198.62	5,193.19	5,062.35	130.84	39.692		
16,100.00	7,321.00	17,004.00	7,125.88	233.45	269.94	-75.42	-6,182.02	-14,198.62	5,094.07	4,963.20	130.87	38.924		
16,200.00	7,321.00	17,004.00	7,125.88	235.86	269.94	-75.42	-6,182.02	-14,198.62	4,995.00	4,864.08	130.92	38.153		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,300.00	7,321.00	17,004.00	7,125.88	238.28	269.94	-75.42	-6,182.02	-14,198.62	4,895.96	4,764.98	130.98	37.380		
16,400.00	7,321.00	17,004.00	7,125.88	240.71	269.94	-75.42	-6,182.02	-14,198.62	4,796.96	4,665.91	131.05	36.605		
16,500.00	7,321.00	17,004.00	7,125.88	243.15	269.94	-75.42	-6,182.02	-14,198.62	4,698.00	4,566.87	131.13	35.827		
16,600.00	7,321.00	17,004.00	7,125.88	245.59	269.94	-75.42	-6,182.02	-14,198.62	4,599.09	4,467.86	131.23	35.046		
16,700.00	7,321.00	17,004.00	7,125.88	248.05	269.94	-75.42	-6,182.02	-14,198.62	4,500.22	4,368.88	131.35	34.262		
16,800.00	7,321.00	17,004.00	7,125.88	250.50	269.94	-75.42	-6,182.02	-14,198.62	4,401.41	4,269.93	131.48	33.475		
16,900.00	7,321.00	17,004.00	7,125.88	252.97	269.94	-75.42	-6,182.02	-14,198.62	4,302.65	4,171.01	131.64	32.684		
17,000.00	7,321.00	17,004.00	7,125.88	255.44	269.94	-75.42	-6,182.02	-14,198.62	4,203.95	4,072.13	131.83	31.890		
17,100.00	7,321.00	17,004.00	7,125.88	257.91	269.94	-75.42	-6,182.02	-14,198.62	4,105.32	3,973.28	132.04	31.092		
17,200.00	7,321.00	17,004.00	7,125.88	260.39	269.94	-75.42	-6,182.02	-14,198.62	4,006.75	3,874.47	132.28	30.289		
17,300.00	7,321.00	17,004.00	7,125.88	262.88	269.94	-75.42	-6,182.02	-14,198.62	3,908.25	3,775.69	132.56	29.482		
17,400.00	7,321.00	17,004.00	7,125.88	265.37	269.94	-75.42	-6,182.02	-14,198.62	3,809.84	3,676.95	132.89	28.670		
17,500.00	7,321.00	17,004.00	7,125.88	267.87	269.94	-75.42	-6,182.02	-14,198.62	3,711.50	3,578.25	133.26	27.852		
17,600.00	7,321.00	17,004.00	7,125.88	270.37	269.94	-75.42	-6,182.02	-14,198.62	3,613.26	3,479.58	133.68	27.028		
17,700.00	7,321.00	17,004.00	7,125.88	272.88	269.94	-75.42	-6,182.02	-14,198.62	3,515.12	3,380.95	134.17	26.198		
17,800.00	7,321.00	17,004.00	7,125.88	275.40	269.94	-75.42	-6,182.02	-14,198.62	3,417.08	3,282.35	134.74	25.361		
17,900.00	7,321.00	17,004.00	7,125.88	277.91	269.94	-75.42	-6,182.02	-14,198.62	3,319.17	3,183.78	135.38	24.517		
18,000.00	7,321.00	17,004.00	7,125.88	280.43	269.94	-75.42	-6,182.02	-14,198.62	3,221.38	3,085.25	136.13	23.664		
18,100.00	7,321.00	17,004.00	7,125.88	282.97	269.94	-73.33	-6,182.02	-14,198.62	3,123.50	2,986.55	136.95	22.807		
18,200.00	7,321.00	17,004.00	7,125.88	285.53	269.94	-69.85	-6,182.02	-14,198.62	3,025.11	2,887.36	137.75	21.960		
18,300.00	7,321.00	17,004.00	7,125.88	288.11	269.94	-64.84	-6,182.02	-14,198.62	2,926.27	2,787.77	138.51	21.127		
18,400.00	7,321.00	17,004.00	7,125.88	290.70	269.94	-57.18	-6,182.02	-14,198.62	2,827.06	2,687.88	139.18	20.312		
18,500.00	7,321.00	17,004.00	7,125.88	293.30	269.94	-44.72	-6,182.02	-14,198.62	2,727.57	2,587.83	139.74	19.518		
18,600.00	7,321.00	17,004.00	7,125.88	295.90	269.94	-42.44	-6,182.02	-14,198.62	2,627.95	2,487.71	140.24	18.739		
18,700.00	7,321.00	17,004.00	7,125.88	298.50	269.94	-42.44	-6,182.02	-14,198.62	2,528.36	2,387.58	140.78	17.960		
18,800.00	7,321.00	17,004.00	7,125.88	301.11	269.94	-42.44	-6,182.02	-14,198.62	2,428.81	2,287.43	141.37	17.180		
18,900.00	7,321.00	17,004.00	7,125.88	303.72	269.94	-42.44	-6,182.02	-14,198.62	2,329.29	2,187.26	142.03	16.400		
19,000.00	7,321.00	17,004.00	7,125.88	306.32	269.94	-42.44	-6,182.02	-14,198.62	2,229.81	2,087.05	142.76	15.619		
19,100.00	7,321.00	17,004.00	7,125.88	308.93	269.94	-42.44	-6,182.02	-14,198.62	2,130.39	1,986.81	143.58	14.838		
19,200.00	7,321.00	17,004.00	7,125.88	311.54	269.94	-42.44	-6,182.02	-14,198.62	2,031.02	1,886.52	144.50	14.056		
19,300.00	7,321.00	17,004.00	7,125.88	314.16	269.94	-42.44	-6,182.02	-14,198.62	1,931.71	1,786.18	145.53	13.273		
19,400.00	7,321.00	17,004.00	7,125.88	316.77	269.94	-42.44	-6,182.02	-14,198.62	1,832.48	1,685.77	146.72	12.490		
19,500.00	7,321.00	17,004.00	7,125.88	319.38	269.94	-42.44	-6,182.02	-14,198.62	1,733.34	1,585.27	148.08	11.706		
19,600.00	7,321.00	17,004.00	7,125.88	322.00	269.94	-42.44	-6,182.02	-14,198.62	1,634.31	1,484.65	149.66	10.920		
19,700.00	7,321.00	17,004.00	7,125.88	324.61	269.94	-42.44	-6,182.02	-14,198.62	1,535.40	1,383.89	151.51	10.134		
19,800.00	7,321.00	17,004.00	7,125.88	327.23	269.94	-48.69	-6,182.02	-14,198.62	1,436.76	1,282.90	153.86	9.338		
19,900.00	7,321.00	17,004.00	7,125.88	329.85	269.94	-54.72	-6,182.02	-14,198.62	1,338.82	1,181.47	157.35	8.509		
20,000.00	7,321.00	17,004.00	7,125.88	332.46	269.94	-59.04	-6,182.02	-14,198.62	1,241.89	1,079.44	162.45	7.645		
20,100.00	7,321.00	17,004.00	7,125.88	335.06	269.94	-62.22	-6,182.02	-14,198.62	1,146.36	976.46	169.90	6.747		
20,200.00	7,321.00	17,004.00	7,125.88	337.65	269.94	-64.61	-6,182.02	-14,198.62	1,052.75	872.03	180.72	5.825		
20,300.00	7,321.00	17,004.00	7,125.88	340.22	269.94	-65.43	-6,182.02	-14,198.62	961.50	765.42	196.08	4.904		
20,400.00	7,321.00	17,004.00	7,125.88	342.79	269.94	-65.43	-6,182.02	-14,198.62	872.31	655.87	216.44	4.030		
20,500.00	7,321.00	17,004.00	7,125.88	345.37	269.94	-65.43	-6,182.02	-14,198.62	785.71	542.77	242.94	3.234		
20,600.00	7,321.00	17,004.00	7,125.88	347.95	269.94	-65.43	-6,182.02	-14,198.62	702.69	425.70	277.00	2.537		
20,700.00	7,321.00	17,004.00	7,125.88	350.53	269.94	-65.43	-6,182.02	-14,198.62	624.67	304.69	319.98	1.952		
20,800.00	7,321.00	17,004.00	7,125.88	353.11	269.94	-65.43	-6,182.02	-14,198.62	553.75	181.09	372.66	1.486	Level 3	
20,900.00	7,321.00	17,004.00	7,125.88	355.70	269.94	-65.43	-6,182.02	-14,198.62	493.02	59.22	433.81	1.137	Level 2	
20,976.29	7,321.00	17,004.00	7,125.88	357.67	269.94	-65.43	-6,182.02	-14,198.62	456.10	-26.67	482.77	0.945	Level 1, 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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,100.00	7,321.00	17,100.00	7,247.03	132.41	270.51	-86.15	-6,277.66	-14,161.80	10,039.93	9,907.14	132.79	75.607		
11,200.00	7,321.00	17,100.00	7,247.03	133.81	270.51	-86.15	-6,277.66	-14,161.80	9,940.22	9,807.49	132.73	74.890		
11,300.00	7,321.00	17,100.00	7,247.03	135.25	270.51	-86.15	-6,277.66	-14,161.80	9,840.51	9,707.84	132.67	74.173		
11,400.00	7,321.00	17,100.00	7,247.03	136.72	270.51	-86.15	-6,277.66	-14,161.80	9,740.81	9,608.21	132.61	73.455		
11,500.00	7,321.00	17,100.00	7,247.03	138.22	270.51	-86.15	-6,277.66	-14,161.80	9,641.12	9,508.57	132.55	72.737		
11,600.00	7,321.00	17,100.00	7,247.03	139.76	270.51	-86.15	-6,277.66	-14,161.80	9,541.44	9,408.95	132.49	72.018		
11,700.00	7,321.00	17,100.00	7,247.03	141.34	270.51	-86.15	-6,277.66	-14,161.80	9,441.76	9,309.33	132.43	71.298		
11,800.00	7,321.00	17,100.00	7,247.03	142.94	270.51	-86.15	-6,277.66	-14,161.80	9,342.08	9,209.72	132.37	70.578		
11,900.00	7,321.00	17,100.00	7,247.03	144.58	270.51	-86.15	-6,277.66	-14,161.80	9,242.42	9,110.11	132.30	69.857		
12,000.00	7,321.00	17,100.00	7,247.03	146.25	270.51	-86.15	-6,277.66	-14,161.80	9,142.76	9,010.52	132.24	69.136		
12,100.00	7,321.00	17,100.00	7,247.03	147.95	270.51	-86.15	-6,277.66	-14,161.80	9,043.11	8,910.93	132.18	68.414		
12,200.00	7,321.00	17,100.00	7,247.03	149.67	270.51	-86.15	-6,277.66	-14,161.80	8,943.46	8,811.34	132.12	67.691		
12,300.00	7,321.00	17,100.00	7,247.03	151.43	270.51	-86.15	-6,277.66	-14,161.80	8,843.83	8,711.77	132.06	66.968		
12,400.00	7,321.00	17,100.00	7,247.03	153.22	270.51	-86.15	-6,277.66	-14,161.80	8,744.20	8,612.20	132.00	66.244		
12,500.00	7,321.00	17,100.00	7,247.03	155.04	270.51	-86.15	-6,277.66	-14,161.80	8,644.58	8,512.65	131.94	65.519		
12,600.00	7,321.00	17,100.00	7,247.03	156.88	270.51	-86.15	-6,277.66	-14,161.80	8,544.98	8,413.10	131.88	64.794		
12,700.00	7,321.00	17,100.00	7,247.03	158.75	270.51	-86.15	-6,277.66	-14,161.80	8,445.38	8,313.56	131.82	64.068		
12,800.00	7,321.00	17,100.00	7,247.03	160.65	270.51	-86.15	-6,277.66	-14,161.80	8,345.78	8,214.03	131.76	63.341		
12,900.00	7,321.00	17,100.00	7,247.03	162.57	270.51	-86.15	-6,277.66	-14,161.80	8,246.20	8,114.50	131.70	62.614		
13,000.00	7,321.00	17,100.00	7,247.03	164.51	270.51	-86.15	-6,277.66	-14,161.80	8,146.63	8,014.99	131.64	61.885		
13,100.00	7,321.00	17,100.00	7,247.03	166.48	270.51	-86.15	-6,277.66	-14,161.80	8,047.07	7,915.49	131.58	61.156		
13,200.00	7,321.00	17,100.00	7,247.03	168.48	270.51	-86.15	-6,277.66	-14,161.80	7,947.53	7,816.00	131.52	60.426		
13,300.00	7,321.00	17,100.00	7,247.03	170.49	270.51	-86.15	-6,277.66	-14,161.80	7,847.99	7,716.52	131.47	59.695		
13,400.00	7,321.00	17,100.00	7,247.03	172.52	270.51	-86.15	-6,277.66	-14,161.80	7,748.46	7,617.05	131.41	58.964		
13,500.00	7,321.00	17,100.00	7,247.03	174.58	270.51	-86.15	-6,277.66	-14,161.80	7,648.95	7,517.60	131.36	58.231		
13,600.00	7,321.00	17,100.00	7,247.03	176.66	270.51	-86.15	-6,277.66	-14,161.80	7,549.45	7,418.15	131.30	57.497		
13,700.00	7,321.00	17,100.00	7,247.03	178.75	270.51	-86.15	-6,277.66	-14,161.80	7,449.96	7,318.72	131.25	56.763		
13,800.00	7,321.00	17,100.00	7,247.03	180.87	270.51	-86.15	-6,277.66	-14,161.80	7,350.49	7,219.30	131.19	56.027		
13,900.00	7,321.00	17,100.00	7,247.03	183.00	270.51	-86.15	-6,277.66	-14,161.80	7,251.03	7,119.89	131.14	55.291		
14,000.00	7,321.00	17,100.00	7,247.03	185.15	270.51	-86.15	-6,277.66	-14,161.80	7,151.59	7,020.50	131.09	54.553		
14,100.00	7,321.00	17,100.00	7,247.03	187.32	270.51	-86.15	-6,277.66	-14,161.80	7,052.16	6,921.12	131.05	53.815		
14,200.00	7,321.00	17,100.00	7,247.03	189.50	270.51	-86.15	-6,277.66	-14,161.80	6,952.75	6,821.76	131.00	53.075		
14,300.00	7,321.00	17,100.00	7,247.03	191.70	270.51	-86.15	-6,277.66	-14,161.80	6,853.36	6,722.41	130.95	52.334		
14,400.00	7,321.00	17,100.00	7,247.03	193.92	270.51	-86.15	-6,277.66	-14,161.80	6,753.98	6,623.07	130.91	51.592		
14,500.00	7,321.00	17,100.00	7,247.03	196.15	270.51	-86.15	-6,277.66	-14,161.80	6,654.63	6,523.76	130.87	50.849		
14,600.00	7,321.00	17,100.00	7,247.03	198.39	270.51	-86.15	-6,277.66	-14,161.80	6,555.29	6,424.46	130.83	50.104		
14,700.00	7,321.00	17,100.00	7,247.03	200.65	270.51	-86.15	-6,277.66	-14,161.80	6,455.97	6,325.17	130.80	49.358		
14,800.00	7,321.00	17,100.00	7,247.03	202.92	270.51	-86.15	-6,277.66	-14,161.80	6,356.68	6,225.91	130.77	48.610		
14,900.00	7,321.00	17,100.00	7,247.03	205.20	270.51	-86.15	-6,277.66	-14,161.80	6,257.40	6,126.66	130.74	47.861		
15,000.00	7,321.00	17,100.00	7,247.03	207.50	270.51	-86.15	-6,277.66	-14,161.80	6,158.16	6,027.44	130.72	47.111		
15,100.00	7,321.00	17,100.00	7,247.03	209.80	270.51	-86.15	-6,277.66	-14,161.80	6,058.93	5,928.23	130.70	46.359		
15,200.00	7,321.00	17,100.00	7,247.03	212.12	270.51	-86.15	-6,277.66	-14,161.80	5,959.73	5,829.05	130.68	45.605		
15,300.00	7,321.00	17,100.00	7,247.03	214.45	270.51	-86.15	-6,277.66	-14,161.80	5,860.56	5,729.89	130.67	44.850		
15,400.00	7,321.00	17,100.00	7,247.03	216.79	270.51	-86.15	-6,277.66	-14,161.80	5,761.42	5,630.75	130.67	44.092		
15,500.00	7,321.00	17,100.00	7,247.03	219.15	270.51	-86.15	-6,277.66	-14,161.80	5,662.30	5,531.63	130.67	43.333		
15,600.00	7,321.00	17,100.00	7,247.03	221.51	270.51	-86.15	-6,277.66	-14,161.80	5,563.22	5,432.54	130.68	42.571		
15,700.00	7,321.00	17,100.00	7,247.03	223.88	270.51	-86.15	-6,277.66	-14,161.80	5,464.18	5,333.48	130.70	41.808		
15,800.00	7,321.00	17,100.00	7,247.03	226.26	270.51	-86.15	-6,277.66	-14,161.80	5,365.16	5,234.44	130.72	41.042		
15,900.00	7,321.00	17,100.00	7,247.03	228.65	270.51	-86.15	-6,277.66	-14,161.80	5,266.19	5,135.43	130.76	40.274		
16,000.00	7,321.00	17,100.00	7,247.03	231.04	270.51	-86.15	-6,277.66	-14,161.80	5,167.25	5,036.45	130.81	39.503		
16,100.00	7,321.00	17,100.00	7,247.03	233.45	270.51	-86.15	-6,277.66	-14,161.80	5,068.36	4,937.49	130.87	38.730		
16,200.00	7,321.00	17,100.00	7,247.03	235.86	270.51	-86.15	-6,277.66	-14,161.80	4,969.51	4,838.57	130.94	37.953		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,300.00	7,321.00	17,100.00	7,247.03	238.28	270.51	-86.15	-6,277.66	-14,161.80	4,870.71	4,739.68	131.03	37.174		
16,400.00	7,321.00	17,100.00	7,247.03	240.71	270.51	-86.15	-6,277.66	-14,161.80	4,771.95	4,640.82	131.13	36.391		
16,500.00	7,321.00	17,100.00	7,247.03	243.15	270.51	-86.15	-6,277.66	-14,161.80	4,673.25	4,542.00	131.25	35.605		
16,600.00	7,321.00	17,100.00	7,247.03	245.59	270.51	-86.15	-6,277.66	-14,161.80	4,574.61	4,443.21	131.40	34.815		
16,700.00	7,321.00	17,100.00	7,247.03	248.05	270.51	-86.15	-6,277.66	-14,161.80	4,476.03	4,344.46	131.57	34.021		
16,800.00	7,321.00	17,100.00	7,247.03	250.50	270.51	-86.15	-6,277.66	-14,161.80	4,377.51	4,245.75	131.76	33.223		
16,900.00	7,321.00	17,100.00	7,247.03	252.97	270.51	-86.15	-6,277.66	-14,161.80	4,279.06	4,147.07	131.99	32.420		
17,000.00	7,321.00	17,100.00	7,247.03	255.44	270.51	-86.15	-6,277.66	-14,161.80	4,180.68	4,048.43	132.25	31.612		
17,100.00	7,321.00	17,100.00	7,247.03	257.91	270.51	-86.15	-6,277.66	-14,161.80	4,082.39	3,949.84	132.55	30.799		
17,200.00	7,321.00	17,100.00	7,247.03	260.39	270.51	-86.15	-6,277.66	-14,161.80	3,984.17	3,851.28	132.89	29.980		
17,300.00	7,321.00	17,100.00	7,247.03	262.88	270.51	-86.15	-6,277.66	-14,161.80	3,886.05	3,752.76	133.29	29.155		
17,400.00	7,321.00	17,100.00	7,247.03	265.37	270.51	-86.15	-6,277.66	-14,161.80	3,788.03	3,654.28	133.75	28.322		
17,500.00	7,321.00	17,100.00	7,247.03	267.87	270.51	-86.15	-6,277.66	-14,161.80	3,690.11	3,555.84	134.27	27.483		
17,600.00	7,321.00	17,100.00	7,247.03	270.37	270.51	-86.15	-6,277.66	-14,161.80	3,592.31	3,457.44	134.87	26.635		
17,700.00	7,321.00	17,100.00	7,247.03	272.88	270.51	-86.15	-6,277.66	-14,161.80	3,494.63	3,359.07	135.56	25.779		
17,800.00	7,321.00	17,100.00	7,247.03	275.40	270.51	-86.15	-6,277.66	-14,161.80	3,397.09	3,260.73	136.36	24.913		
17,900.00	7,321.00	17,100.00	7,247.03	277.91	270.51	-86.15	-6,277.66	-14,161.80	3,299.69	3,162.42	137.27	24.037		
18,000.00	7,321.00	17,100.00	7,247.03	280.43	270.51	-86.15	-6,277.66	-14,161.80	3,202.46	3,064.13	138.33	23.151		
18,100.00	7,321.00	17,100.00	7,247.03	282.97	270.51	-85.66	-6,277.66	-14,161.80	3,105.13	2,965.63	139.50	22.259		
18,200.00	7,321.00	17,100.00	7,247.03	285.53	270.51	-84.86	-6,277.66	-14,161.80	3,007.22	2,866.57	140.65	21.381		
18,300.00	7,321.00	17,100.00	7,247.03	288.11	270.51	-83.75	-6,277.66	-14,161.80	2,908.77	2,767.02	141.75	20.520		
18,400.00	7,321.00	17,100.00	7,247.03	290.70	270.51	-82.08	-6,277.66	-14,161.80	2,809.85	2,667.08	142.77	19.682		
18,500.00	7,321.00	17,100.00	7,247.03	293.30	270.51	-79.34	-6,277.66	-14,161.80	2,710.54	2,566.89	143.65	18.869		
18,600.00	7,321.00	17,100.00	7,247.03	295.90	270.51	-78.82	-6,277.66	-14,161.80	2,611.03	2,466.57	144.46	18.074		
18,700.00	7,321.00	17,100.00	7,247.03	298.50	270.51	-78.82	-6,277.66	-14,161.80	2,511.56	2,366.20	145.36	17.278		
18,800.00	7,321.00	17,100.00	7,247.03	301.11	270.51	-78.82	-6,277.66	-14,161.80	2,412.13	2,265.76	146.37	16.480		
18,900.00	7,321.00	17,100.00	7,247.03	303.72	270.51	-78.82	-6,277.66	-14,161.80	2,312.75	2,165.26	147.50	15.680		
19,000.00	7,321.00	17,100.00	7,247.03	306.32	270.51	-78.82	-6,277.66	-14,161.80	2,213.43	2,064.67	148.77	14.879		
19,100.00	7,321.00	17,100.00	7,247.03	308.93	270.51	-78.82	-6,277.66	-14,161.80	2,114.17	1,963.97	150.21	14.075		
19,200.00	7,321.00	17,100.00	7,247.03	311.54	270.51	-78.82	-6,277.66	-14,161.80	2,014.99	1,863.14	151.85	13.269		
19,300.00	7,321.00	17,100.00	7,247.03	314.16	270.51	-78.82	-6,277.66	-14,161.80	1,915.89	1,762.14	153.74	12.462		
19,400.00	7,321.00	17,100.00	7,247.03	316.77	270.51	-78.82	-6,277.66	-14,161.80	1,816.88	1,660.95	155.93	11.652		
19,500.00	7,321.00	17,100.00	7,247.03	319.38	270.51	-78.82	-6,277.66	-14,161.80	1,718.00	1,559.52	158.48	10.840		
19,600.00	7,321.00	17,100.00	7,247.03	322.00	270.51	-78.82	-6,277.66	-14,161.80	1,619.25	1,457.76	161.48	10.027		
19,700.00	7,321.00	17,100.00	7,247.03	324.61	270.51	-78.82	-6,277.66	-14,161.80	1,520.66	1,355.62	165.05	9.214		
19,800.00	7,321.00	17,100.00	7,247.03	327.23	270.51	-80.22	-6,277.66	-14,161.80	1,422.46	1,252.91	169.56	8.389		
19,900.00	7,321.00	17,100.00	7,247.03	329.85	270.51	-81.53	-6,277.66	-14,161.80	1,325.29	1,149.33	175.96	7.532		
20,000.00	7,321.00	17,100.00	7,247.03	332.46	270.51	-82.46	-6,277.66	-14,161.80	1,229.55	1,044.57	184.98	6.647		
20,100.00	7,321.00	17,100.00	7,247.03	335.06	270.51	-83.14	-6,277.66	-14,161.80	1,135.72	938.23	197.50	5.751		
20,200.00	7,321.00	17,100.00	7,247.03	337.65	270.51	-83.66	-6,277.66	-14,161.80	1,044.46	829.83	214.63	4.866		
20,300.00	7,321.00	17,100.00	7,247.03	340.22	270.51	-83.83	-6,277.66	-14,161.80	956.33	718.91	237.41	4.028		
20,400.00	7,321.00	17,100.00	7,247.03	342.79	270.51	-83.83	-6,277.66	-14,161.80	870.92	605.06	265.86	3.276		
20,500.00	7,321.00	17,100.00	7,247.03	345.37	270.51	-83.83	-6,277.66	-14,161.80	788.95	488.13	300.82	2.623		
20,600.00	7,321.00	17,100.00	7,247.03	347.95	270.51	-83.83	-6,277.66	-14,161.80	711.61	368.40	343.21	2.073		
20,700.00	7,321.00	17,100.00	7,247.03	350.53	270.51	-83.83	-6,277.66	-14,161.80	640.57	247.08	393.49	1.628		
20,800.00	7,321.00	17,100.00	7,247.03	353.11	270.51	-83.83	-6,277.66	-14,161.80	578.16	127.32	450.84	1.282	Level 3	
20,900.00	7,321.00	17,100.00	7,247.03	355.70	270.51	-83.83	-6,277.66	-14,161.80	527.46	15.76	511.71	1.031	Level 2	
20,976.29	7,321.00	17,100.00	7,247.03	357.67	270.51	-83.83	-6,277.66	-14,161.80	498.90	-56.98	555.88	0.898	Level 1, 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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,100.00	7,321.00	16,848.00	7,073.89	132.41	270.18	-76.80	-6,476.06	-14,154.37	10,051.88	9,915.55	136.32	73.735		
11,200.00	7,321.00	16,848.00	7,073.89	133.81	270.18	-76.80	-6,476.06	-14,154.37	9,952.36	9,816.08	136.28	73.029		
11,300.00	7,321.00	16,848.00	7,073.89	135.25	270.18	-76.80	-6,476.06	-14,154.37	9,852.85	9,716.62	136.24	72.322		
11,400.00	7,321.00	16,848.00	7,073.89	136.72	270.18	-76.80	-6,476.06	-14,154.37	9,753.36	9,617.17	136.19	71.615		
11,500.00	7,321.00	16,848.00	7,073.89	138.22	270.18	-76.80	-6,476.06	-14,154.37	9,653.87	9,517.72	136.15	70.907		
11,600.00	7,321.00	16,848.00	7,073.89	139.76	270.18	-76.80	-6,476.06	-14,154.37	9,554.39	9,418.29	136.11	70.199		
11,700.00	7,321.00	16,848.00	7,073.89	141.34	270.18	-76.80	-6,476.06	-14,154.37	9,454.93	9,318.87	136.06	69.489		
11,800.00	7,321.00	16,848.00	7,073.89	142.94	270.18	-76.80	-6,476.06	-14,154.37	9,355.48	9,219.45	136.02	68.780		
11,900.00	7,321.00	16,848.00	7,073.89	144.58	270.18	-76.80	-6,476.06	-14,154.37	9,256.03	9,120.05	135.98	68.069		
12,000.00	7,321.00	16,848.00	7,073.89	146.25	270.18	-76.80	-6,476.06	-14,154.37	9,156.60	9,020.66	135.94	67.358		
12,100.00	7,321.00	16,848.00	7,073.89	147.95	270.18	-76.80	-6,476.06	-14,154.37	9,057.19	8,921.29	135.90	66.646		
12,200.00	7,321.00	16,848.00	7,073.89	149.67	270.18	-76.80	-6,476.06	-14,154.37	8,957.78	8,821.92	135.86	65.933		
12,300.00	7,321.00	16,848.00	7,073.89	151.43	270.18	-76.80	-6,476.06	-14,154.37	8,858.39	8,722.57	135.82	65.220		
12,400.00	7,321.00	16,848.00	7,073.89	153.22	270.18	-76.80	-6,476.06	-14,154.37	8,759.01	8,623.23	135.79	64.506		
12,500.00	7,321.00	16,848.00	7,073.89	155.04	270.18	-76.80	-6,476.06	-14,154.37	8,659.65	8,523.90	135.75	63.791		
12,600.00	7,321.00	16,848.00	7,073.89	156.88	270.18	-76.80	-6,476.06	-14,154.37	8,560.30	8,424.59	135.72	63.075		
12,700.00	7,321.00	16,848.00	7,073.89	158.75	270.18	-76.80	-6,476.06	-14,154.37	8,460.97	8,325.29	135.68	62.359		
12,800.00	7,321.00	16,848.00	7,073.89	160.65	270.18	-76.80	-6,476.06	-14,154.37	8,361.65	8,226.00	135.65	61.641		
12,900.00	7,321.00	16,848.00	7,073.89	162.57	270.18	-76.80	-6,476.06	-14,154.37	8,262.35	8,126.73	135.62	60.923		
13,000.00	7,321.00	16,848.00	7,073.89	164.51	270.18	-76.80	-6,476.06	-14,154.37	8,163.07	8,027.48	135.59	60.203		
13,100.00	7,321.00	16,848.00	7,073.89	166.48	270.18	-76.80	-6,476.06	-14,154.37	8,063.81	7,928.24	135.56	59.483		
13,200.00	7,321.00	16,848.00	7,073.89	168.48	270.18	-76.80	-6,476.06	-14,154.37	7,964.56	7,829.02	135.54	58.762		
13,300.00	7,321.00	16,848.00	7,073.89	170.49	270.18	-76.80	-6,476.06	-14,154.37	7,865.33	7,729.82	135.52	58.040		
13,400.00	7,321.00	16,848.00	7,073.89	172.52	270.18	-76.80	-6,476.06	-14,154.37	7,766.12	7,630.63	135.49	57.317		
13,500.00	7,321.00	16,848.00	7,073.89	174.58	270.18	-76.80	-6,476.06	-14,154.37	7,666.94	7,531.46	135.48	56.593		
13,600.00	7,321.00	16,848.00	7,073.89	176.66	270.18	-76.80	-6,476.06	-14,154.37	7,567.77	7,432.31	135.46	55.867		
13,700.00	7,321.00	16,848.00	7,073.89	178.75	270.18	-76.80	-6,476.06	-14,154.37	7,468.63	7,333.18	135.45	55.141		
13,800.00	7,321.00	16,848.00	7,073.89	180.87	270.18	-76.80	-6,476.06	-14,154.37	7,369.51	7,234.07	135.44	54.413		
13,900.00	7,321.00	16,848.00	7,073.89	183.00	270.18	-76.80	-6,476.06	-14,154.37	7,270.41	7,134.98	135.43	53.684		
14,000.00	7,321.00	16,848.00	7,073.89	185.15	270.18	-76.80	-6,476.06	-14,154.37	7,171.34	7,035.91	135.43	52.954		
14,100.00	7,321.00	16,848.00	7,073.89	187.32	270.18	-76.80	-6,476.06	-14,154.37	7,072.29	6,936.87	135.43	52.223		
14,200.00	7,321.00	16,848.00	7,073.89	189.50	270.18	-76.80	-6,476.06	-14,154.37	6,973.27	6,837.84	135.43	51.490		
14,300.00	7,321.00	16,848.00	7,073.89	191.70	270.18	-76.80	-6,476.06	-14,154.37	6,874.28	6,738.85	135.44	50.755		
14,400.00	7,321.00	16,848.00	7,073.89	193.92	270.18	-76.80	-6,476.06	-14,154.37	6,775.32	6,639.87	135.45	50.019		
14,500.00	7,321.00	16,848.00	7,073.89	196.15	270.18	-76.80	-6,476.06	-14,154.37	6,676.40	6,540.92	135.47	49.282		
14,600.00	7,321.00	16,848.00	7,073.89	198.39	270.18	-76.80	-6,476.06	-14,154.37	6,577.50	6,442.00	135.50	48.543		
14,700.00	7,321.00	16,848.00	7,073.89	200.65	270.18	-76.80	-6,476.06	-14,154.37	6,478.64	6,343.11	135.53	47.802		
14,800.00	7,321.00	16,848.00	7,073.89	202.92	270.18	-76.80	-6,476.06	-14,154.37	6,379.81	6,244.24	135.57	47.059		
14,900.00	7,321.00	16,848.00	7,073.89	205.20	270.18	-76.80	-6,476.06	-14,154.37	6,281.02	6,145.40	135.62	46.315		
15,000.00	7,321.00	16,848.00	7,073.89	207.50	270.18	-76.80	-6,476.06	-14,154.37	6,182.27	6,046.60	135.67	45.568		
15,100.00	7,321.00	16,848.00	7,073.89	209.80	270.18	-76.80	-6,476.06	-14,154.37	6,083.56	5,947.82	135.74	44.819		
15,200.00	7,321.00	16,848.00	7,073.89	212.12	270.18	-76.80	-6,476.06	-14,154.37	5,984.89	5,849.08	135.81	44.068		
15,300.00	7,321.00	16,848.00	7,073.89	214.45	270.18	-76.80	-6,476.06	-14,154.37	5,886.27	5,750.37	135.89	43.315		
15,400.00	7,321.00	16,848.00	7,073.89	216.79	270.18	-76.80	-6,476.06	-14,154.37	5,787.69	5,651.70	135.99	42.559		
15,500.00	7,321.00	16,848.00	7,073.89	219.15	270.18	-76.80	-6,476.06	-14,154.37	5,689.17	5,553.06	136.10	41.800		
15,600.00	7,321.00	16,848.00	7,073.89	221.51	270.18	-76.80	-6,476.06	-14,154.37	5,590.69	5,454.46	136.23	41.039		
15,700.00	7,321.00	16,848.00	7,073.89	223.88	270.18	-76.80	-6,476.06	-14,154.37	5,492.27	5,355.90	136.37	40.275		
15,800.00	7,321.00	16,848.00	7,073.89	226.26	270.18	-76.80	-6,476.06	-14,154.37	5,393.91	5,257.38	136.53	39.507		
15,900.00	7,321.00	16,848.00	7,073.89	228.65	270.18	-76.80	-6,476.06	-14,154.37	5,295.62	5,158.91	136.71	38.736		
16,000.00	7,321.00	16,848.00	7,073.89	231.04	270.18	-76.80	-6,476.06	-14,154.37	5,197.38	5,060.47	136.91	37.962		
16,100.00	7,321.00	16,848.00	7,073.89	233.45	270.18	-76.80	-6,476.06	-14,154.37	5,099.22	4,962.08	137.14	37.183		
16,200.00	7,321.00	16,848.00	7,073.89	235.86	270.18	-76.80	-6,476.06	-14,154.37	5,001.12	4,863.73	137.39	36.401		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,300.00	7,321.00	16,848.00	7,073.89	238.28	270.18	-76.80	-6,476.06	-14,154.37	4,903.11	4,765.43	137.68	35.614		
16,400.00	7,321.00	16,848.00	7,073.89	240.71	270.18	-76.80	-6,476.06	-14,154.37	4,805.18	4,667.18	137.99	34.822		
16,500.00	7,321.00	16,848.00	7,073.89	243.15	270.18	-76.80	-6,476.06	-14,154.37	4,707.33	4,568.98	138.35	34.025		
16,600.00	7,321.00	16,848.00	7,073.89	245.59	270.18	-76.80	-6,476.06	-14,154.37	4,609.58	4,470.83	138.75	33.223		
16,700.00	7,321.00	16,848.00	7,073.89	248.05	270.18	-76.80	-6,476.06	-14,154.37	4,511.92	4,372.73	139.19	32.415		
16,800.00	7,321.00	16,848.00	7,073.89	250.50	270.18	-76.80	-6,476.06	-14,154.37	4,414.37	4,274.68	139.69	31.601		
16,900.00	7,321.00	16,848.00	7,073.89	252.97	270.18	-76.80	-6,476.06	-14,154.37	4,316.93	4,176.68	140.25	30.780		
17,000.00	7,321.00	16,848.00	7,073.89	255.44	270.18	-76.80	-6,476.06	-14,154.37	4,219.61	4,078.73	140.88	29.952		
17,100.00	7,321.00	16,848.00	7,073.89	257.91	270.18	-76.80	-6,476.06	-14,154.37	4,122.42	3,980.84	141.58	29.116		
17,200.00	7,321.00	16,848.00	7,073.89	260.39	270.18	-76.80	-6,476.06	-14,154.37	4,025.37	3,882.99	142.38	28.273		
17,300.00	7,321.00	16,848.00	7,073.89	262.88	270.18	-76.80	-6,476.06	-14,154.37	3,928.46	3,785.20	143.27	27.420		
17,400.00	7,321.00	16,848.00	7,073.89	265.37	270.18	-76.80	-6,476.06	-14,154.37	3,831.72	3,687.44	144.27	26.559		
17,500.00	7,321.00	16,848.00	7,073.89	267.87	270.18	-76.80	-6,476.06	-14,154.37	3,735.14	3,589.74	145.41	25.687		
17,600.00	7,321.00	16,848.00	7,073.89	270.37	270.18	-76.80	-6,476.06	-14,154.37	3,638.75	3,492.07	146.69	24.806		
17,700.00	7,321.00	16,848.00	7,073.89	272.88	270.18	-76.80	-6,476.06	-14,154.37	3,542.57	3,394.43	148.14	23.914		
17,800.00	7,321.00	16,848.00	7,073.89	275.40	270.18	-76.80	-6,476.06	-14,154.37	3,446.59	3,296.82	149.78	23.012		
17,900.00	7,321.00	16,848.00	7,073.89	277.91	270.18	-76.80	-6,476.06	-14,154.37	3,350.86	3,199.22	151.63	22.099		
18,000.00	7,321.00	16,848.00	7,073.89	280.43	270.18	-76.80	-6,476.06	-14,154.37	3,255.38	3,101.64	153.74	21.175		
18,100.00	7,321.00	16,848.00	7,073.89	282.97	270.18	-75.55	-6,476.06	-14,154.37	3,159.84	3,003.80	156.05	20.250		
18,200.00	7,321.00	16,848.00	7,073.89	285.53	270.18	-73.68	-6,476.06	-14,154.37	3,063.63	2,905.25	158.37	19.344		
18,300.00	7,321.00	16,848.00	7,073.89	288.11	270.18	-71.34	-6,476.06	-14,154.37	2,966.76	2,806.09	160.67	18.465		
18,400.00	7,321.00	16,848.00	7,073.89	290.70	270.18	-68.34	-6,476.06	-14,154.37	2,869.30	2,706.40	162.90	17.614		
18,500.00	7,321.00	16,848.00	7,073.89	293.30	270.18	-64.40	-6,476.06	-14,154.37	2,771.31	2,606.29	165.01	16.794		
18,600.00	7,321.00	16,848.00	7,073.89	295.90	270.18	-63.76	-6,476.06	-14,154.37	2,673.06	2,505.96	167.10	15.996		
18,700.00	7,321.00	16,848.00	7,073.89	298.50	270.18	-63.76	-6,476.06	-14,154.37	2,574.95	2,405.53	169.42	15.199		
18,800.00	7,321.00	16,848.00	7,073.89	301.11	270.18	-63.76	-6,476.06	-14,154.37	2,476.98	2,304.99	171.99	14.402		
18,900.00	7,321.00	16,848.00	7,073.89	303.72	270.18	-63.76	-6,476.06	-14,154.37	2,379.19	2,204.33	174.86	13.606		
19,000.00	7,321.00	16,848.00	7,073.89	306.32	270.18	-63.76	-6,476.06	-14,154.37	2,281.58	2,103.51	178.07	12.813		
19,100.00	7,321.00	16,848.00	7,073.89	308.93	270.18	-63.76	-6,476.06	-14,154.37	2,184.19	2,002.52	181.67	12.023		
19,200.00	7,321.00	16,848.00	7,073.89	311.54	270.18	-63.76	-6,476.06	-14,154.37	2,087.05	1,901.32	185.74	11.237		
19,300.00	7,321.00	16,848.00	7,073.89	314.16	270.18	-63.76	-6,476.06	-14,154.37	1,990.20	1,799.87	190.33	10.457		
19,400.00	7,321.00	16,848.00	7,073.89	316.77	270.18	-63.76	-6,476.06	-14,154.37	1,893.67	1,698.13	195.53	9.685		
19,500.00	7,321.00	16,848.00	7,073.89	319.38	270.18	-63.76	-6,476.06	-14,154.37	1,797.51	1,596.05	201.46	8.922		
19,600.00	7,321.00	16,848.00	7,073.89	322.00	270.18	-63.76	-6,476.06	-14,154.37	1,701.81	1,493.57	208.24	8.172		
19,700.00	7,321.00	16,848.00	7,073.89	324.61	270.18	-63.76	-6,476.06	-14,154.37	1,606.62	1,390.62	216.00	7.438		
19,800.00	7,321.00	16,848.00	7,073.89	327.23	270.18	-65.56	-6,476.06	-14,154.37	1,512.37	1,287.14	225.23	6.715		
19,900.00	7,321.00	16,848.00	7,073.89	329.85	270.18	-67.48	-6,476.06	-14,154.37	1,420.08	1,183.14	236.94	5.993		
20,000.00	7,321.00	16,848.00	7,073.89	332.46	270.18	-68.99	-6,476.06	-14,154.37	1,330.33	1,078.65	251.67	5.286		
20,100.00	7,321.00	16,848.00	7,073.89	335.06	270.18	-70.20	-6,476.06	-14,154.37	1,243.78	973.82	269.96	4.607		
20,200.00	7,321.00	16,848.00	7,073.89	337.65	270.18	-71.16	-6,476.06	-14,154.37	1,161.27	868.93	292.34	3.972		
20,300.00	7,321.00	16,848.00	7,073.89	340.22	270.18	-71.51	-6,476.06	-14,154.37	1,083.45	764.41	319.04	3.396		
20,400.00	7,321.00	16,848.00	7,073.89	342.79	270.18	-71.51	-6,476.06	-14,154.37	1,009.76	660.38	349.37	2.890		
20,500.00	7,321.00	16,848.00	7,073.89	345.37	270.18	-71.51	-6,476.06	-14,154.37	940.93	557.72	383.21	2.455		
20,600.00	7,321.00	16,848.00	7,073.89	347.95	270.18	-71.51	-6,476.06	-14,154.37	878.11	457.95	420.17	2.090		
20,700.00	7,321.00	16,848.00	7,073.89	350.53	270.18	-71.51	-6,476.06	-14,154.37	822.69	363.40	459.29	1.791		
20,800.00	7,321.00	16,848.00	7,073.89	353.11	270.18	-71.51	-6,476.06	-14,154.37	776.24	277.42	498.82	1.556		
20,900.00	7,321.00	16,848.00	7,073.89	355.70	270.18	-71.51	-6,476.06	-14,154.37	740.46	204.37	536.10	1.381 Level 3		
20,976.29	7,321.00	16,848.00	7,073.89	357.67	270.18	-71.51	-6,476.06	-14,154.37	721.34	160.39	560.95	1.286 Level 3, CC, ES, SF		

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
11,100.00	7,321.00	16,811.00	7,075.38	132.41	264.78	-80.32	-6,825.99	-14,168.61	10,105.36	9,960.08	145.28	69.557		
11,200.00	7,321.00	16,811.00	7,075.38	133.81	264.78	-80.32	-6,825.99	-14,168.61	10,006.23	9,861.01	145.22	68.902		
11,300.00	7,321.00	16,811.00	7,075.38	135.25	264.78	-80.32	-6,825.99	-14,168.61	9,907.12	9,761.95	145.17	68.246		
11,400.00	7,321.00	16,811.00	7,075.38	136.72	264.78	-80.32	-6,825.99	-14,168.61	9,808.03	9,662.92	145.11	67.589		
11,500.00	7,321.00	16,811.00	7,075.38	138.22	264.78	-80.32	-6,825.99	-14,168.61	9,708.95	9,563.90	145.06	66.932		
11,600.00	7,321.00	16,811.00	7,075.38	139.76	264.78	-80.32	-6,825.99	-14,168.61	9,609.90	9,464.90	145.00	66.274		
11,700.00	7,321.00	16,811.00	7,075.38	141.34	264.78	-80.32	-6,825.99	-14,168.61	9,510.86	9,365.91	144.95	65.615		
11,800.00	7,321.00	16,811.00	7,075.38	142.94	264.78	-80.32	-6,825.99	-14,168.61	9,411.85	9,266.95	144.90	64.956		
11,900.00	7,321.00	16,811.00	7,075.38	144.58	264.78	-80.32	-6,825.99	-14,168.61	9,312.85	9,168.01	144.85	64.295		
12,000.00	7,321.00	16,811.00	7,075.38	146.25	264.78	-80.32	-6,825.99	-14,168.61	9,213.88	9,069.09	144.80	63.634		
12,100.00	7,321.00	16,811.00	7,075.38	147.95	264.78	-80.32	-6,825.99	-14,168.61	9,114.93	8,970.18	144.75	62.972		
12,200.00	7,321.00	16,811.00	7,075.38	149.67	264.78	-80.32	-6,825.99	-14,168.61	9,016.00	8,871.30	144.70	62.308		
12,300.00	7,321.00	16,811.00	7,075.38	151.43	264.78	-80.32	-6,825.99	-14,168.61	8,917.10	8,772.45	144.65	61.644		
12,400.00	7,321.00	16,811.00	7,075.38	153.22	264.78	-80.32	-6,825.99	-14,168.61	8,818.22	8,673.61	144.61	60.979		
12,500.00	7,321.00	16,811.00	7,075.38	155.04	264.78	-80.32	-6,825.99	-14,168.61	8,719.37	8,574.80	144.57	60.313		
12,600.00	7,321.00	16,811.00	7,075.38	156.88	264.78	-80.32	-6,825.99	-14,168.61	8,620.54	8,476.02	144.53	59.646		
12,700.00	7,321.00	16,811.00	7,075.38	158.75	264.78	-80.32	-6,825.99	-14,168.61	8,521.75	8,377.25	144.49	58.977		
12,800.00	7,321.00	16,811.00	7,075.38	160.65	264.78	-80.32	-6,825.99	-14,168.61	8,422.98	8,278.52	144.46	58.308		
12,900.00	7,321.00	16,811.00	7,075.38	162.57	264.78	-80.32	-6,825.99	-14,168.61	8,324.23	8,179.81	144.42	57.637		
13,000.00	7,321.00	16,811.00	7,075.38	164.51	264.78	-80.32	-6,825.99	-14,168.61	8,225.52	8,081.13	144.40	56.965		
13,100.00	7,321.00	16,811.00	7,075.38	166.48	264.78	-80.32	-6,825.99	-14,168.61	8,126.85	7,982.48	144.37	56.292		
13,200.00	7,321.00	16,811.00	7,075.38	168.48	264.78	-80.32	-6,825.99	-14,168.61	8,028.20	7,883.85	144.35	55.618		
13,300.00	7,321.00	16,811.00	7,075.38	170.49	264.78	-80.32	-6,825.99	-14,168.61	7,929.59	7,785.26	144.33	54.942		
13,400.00	7,321.00	16,811.00	7,075.38	172.52	264.78	-80.32	-6,825.99	-14,168.61	7,831.01	7,686.70	144.31	54.264		
13,500.00	7,321.00	16,811.00	7,075.38	174.58	264.78	-80.32	-6,825.99	-14,168.61	7,732.47	7,588.17	144.30	53.585		
13,600.00	7,321.00	16,811.00	7,075.38	176.66	264.78	-80.32	-6,825.99	-14,168.61	7,633.97	7,489.67	144.30	52.904		
13,700.00	7,321.00	16,811.00	7,075.38	178.75	264.78	-80.32	-6,825.99	-14,168.61	7,535.50	7,391.20	144.30	52.222		
13,800.00	7,321.00	16,811.00	7,075.38	180.87	264.78	-80.32	-6,825.99	-14,168.61	7,437.08	7,292.78	144.30	51.538		
13,900.00	7,321.00	16,811.00	7,075.38	183.00	264.78	-80.32	-6,825.99	-14,168.61	7,338.70	7,194.39	144.32	50.852		
14,000.00	7,321.00	16,811.00	7,075.38	185.15	264.78	-80.32	-6,825.99	-14,168.61	7,240.37	7,096.03	144.33	50.164		
14,100.00	7,321.00	16,811.00	7,075.38	187.32	264.78	-80.32	-6,825.99	-14,168.61	7,142.08	6,997.72	144.36	49.474		
14,200.00	7,321.00	16,811.00	7,075.38	189.50	264.78	-80.32	-6,825.99	-14,168.61	7,043.84	6,899.44	144.40	48.782		
14,300.00	7,321.00	16,811.00	7,075.38	191.70	264.78	-80.32	-6,825.99	-14,168.61	6,945.64	6,801.21	144.44	48.087		
14,400.00	7,321.00	16,811.00	7,075.38	193.92	264.78	-80.32	-6,825.99	-14,168.61	6,847.51	6,703.01	144.49	47.390		
14,500.00	7,321.00	16,811.00	7,075.38	196.15	264.78	-80.32	-6,825.99	-14,168.61	6,749.42	6,604.87	144.56	46.690		
14,600.00	7,321.00	16,811.00	7,075.38	198.39	264.78	-80.32	-6,825.99	-14,168.61	6,651.40	6,506.76	144.63	45.988		
14,700.00	7,321.00	16,811.00	7,075.38	200.65	264.78	-80.32	-6,825.99	-14,168.61	6,553.43	6,408.71	144.72	45.283		
14,800.00	7,321.00	16,811.00	7,075.38	202.92	264.78	-80.32	-6,825.99	-14,168.61	6,455.52	6,310.70	144.82	44.575		
14,900.00	7,321.00	16,811.00	7,075.38	205.20	264.78	-80.32	-6,825.99	-14,168.61	6,357.69	6,212.74	144.94	43.863		
15,000.00	7,321.00	16,811.00	7,075.38	207.50	264.78	-80.32	-6,825.99	-14,168.61	6,259.91	6,114.83	145.08	43.148		
15,100.00	7,321.00	16,811.00	7,075.38	209.80	264.78	-80.32	-6,825.99	-14,168.61	6,162.21	6,016.98	145.23	42.430		
15,200.00	7,321.00	16,811.00	7,075.38	212.12	264.78	-80.32	-6,825.99	-14,168.61	6,064.59	5,919.18	145.41	41.707		
15,300.00	7,321.00	16,811.00	7,075.38	214.45	264.78	-80.32	-6,825.99	-14,168.61	5,967.04	5,821.44	145.61	40.980		
15,400.00	7,321.00	16,811.00	7,075.38	216.79	264.78	-80.32	-6,825.99	-14,168.61	5,869.58	5,723.75	145.83	40.249		
15,500.00	7,321.00	16,811.00	7,075.38	219.15	264.78	-80.32	-6,825.99	-14,168.61	5,772.20	5,626.12	146.08	39.513		
15,600.00	7,321.00	16,811.00	7,075.38	221.51	264.78	-80.32	-6,825.99	-14,168.61	5,674.92	5,528.55	146.37	38.772		
15,700.00	7,321.00	16,811.00	7,075.38	223.88	264.78	-80.32	-6,825.99	-14,168.61	5,577.73	5,431.05	146.68	38.026		
15,800.00	7,321.00	16,811.00	7,075.38	226.26	264.78	-80.32	-6,825.99	-14,168.61	5,480.64	5,333.61	147.04	37.274		
15,900.00	7,321.00	16,811.00	7,075.38	228.65	264.78	-80.32	-6,825.99	-14,168.61	5,383.66	5,236.23	147.43	36.516		
16,000.00	7,321.00	16,811.00	7,075.38	231.04	264.78	-80.32	-6,825.99	-14,168.61	5,286.79	5,138.91	147.88	35.751		
16,100.00	7,321.00	16,811.00	7,075.38	233.45	264.78	-80.32	-6,825.99	-14,168.61	5,190.04	5,041.67	148.37	34.979		
16,200.00	7,321.00	16,811.00	7,075.38	235.86	264.78	-80.32	-6,825.99	-14,168.61	5,093.42	4,944.49	148.93	34.200		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
16,300.00	7,321.00	16,811.00	7,075.38	238.28	264.78	-80.32	-6,825.99	-14,168.61	4,996.93	4,847.38	149.55	33.414		
16,400.00	7,321.00	16,811.00	7,075.38	240.71	264.78	-80.32	-6,825.99	-14,168.61	4,900.57	4,750.33	150.24	32.618		
16,500.00	7,321.00	16,811.00	7,075.38	243.15	264.78	-80.32	-6,825.99	-14,168.61	4,804.37	4,653.36	151.01	31.815		
16,600.00	7,321.00	16,811.00	7,075.38	245.59	264.78	-80.32	-6,825.99	-14,168.61	4,708.33	4,556.45	151.87	31.002		
16,700.00	7,321.00	16,811.00	7,075.38	248.05	264.78	-80.32	-6,825.99	-14,168.61	4,612.45	4,459.62	152.84	30.179		
16,800.00	7,321.00	16,811.00	7,075.38	250.50	264.78	-80.32	-6,825.99	-14,168.61	4,516.76	4,362.84	153.91	29.346		
16,900.00	7,321.00	16,811.00	7,075.38	252.97	264.78	-80.32	-6,825.99	-14,168.61	4,421.25	4,266.14	155.11	28.503		
17,000.00	7,321.00	16,811.00	7,075.38	255.44	264.78	-80.32	-6,825.99	-14,168.61	4,325.95	4,169.49	156.46	27.650		
17,100.00	7,321.00	16,811.00	7,075.38	257.91	264.78	-80.32	-6,825.99	-14,168.61	4,230.86	4,072.90	157.96	26.785		
17,200.00	7,321.00	16,811.00	7,075.38	260.39	264.78	-80.32	-6,825.99	-14,168.61	4,136.00	3,976.37	159.63	25.910		
17,300.00	7,321.00	16,811.00	7,075.38	262.88	264.78	-80.32	-6,825.99	-14,168.61	4,041.40	3,879.90	161.50	25.024		
17,400.00	7,321.00	16,811.00	7,075.38	265.37	264.78	-80.32	-6,825.99	-14,168.61	3,947.06	3,783.47	163.59	24.128		
17,500.00	7,321.00	16,811.00	7,075.38	267.87	264.78	-80.32	-6,825.99	-14,168.61	3,853.00	3,687.09	165.92	23.223		
17,600.00	7,321.00	16,811.00	7,075.38	270.37	264.78	-80.32	-6,825.99	-14,168.61	3,759.25	3,590.74	168.51	22.309		
17,700.00	7,321.00	16,811.00	7,075.38	272.88	264.78	-80.32	-6,825.99	-14,168.61	3,665.84	3,494.44	171.40	21.388		
17,800.00	7,321.00	16,811.00	7,075.38	275.40	264.78	-80.32	-6,825.99	-14,168.61	3,572.77	3,398.16	174.61	20.461		
17,900.00	7,321.00	16,811.00	7,075.38	277.91	264.78	-80.32	-6,825.99	-14,168.61	3,480.10	3,301.92	178.18	19.531		
18,000.00	7,321.00	16,811.00	7,075.38	280.43	264.78	-80.32	-6,825.99	-14,168.61	3,387.84	3,205.70	182.14	18.600		
18,100.00	7,321.00	16,811.00	7,075.38	282.97	264.78	-79.65	-6,825.99	-14,168.61	3,295.59	3,109.19	186.40	17.680		
18,200.00	7,321.00	16,811.00	7,075.38	285.53	264.78	-78.70	-6,825.99	-14,168.61	3,202.51	3,011.79	190.72	16.792		
18,300.00	7,321.00	16,811.00	7,075.38	288.11	264.78	-77.57	-6,825.99	-14,168.61	3,108.61	2,913.57	195.04	15.938		
18,400.00	7,321.00	16,811.00	7,075.38	290.70	264.78	-76.24	-6,825.99	-14,168.61	3,013.92	2,814.61	199.32	15.121		
18,500.00	7,321.00	16,811.00	7,075.38	293.30	264.78	-74.64	-6,825.99	-14,168.61	2,918.51	2,715.00	203.52	14.340		
18,600.00	7,321.00	16,811.00	7,075.38	295.90	264.78	-74.39	-6,825.99	-14,168.61	2,822.77	2,614.99	207.77	13.586		
18,700.00	7,321.00	16,811.00	7,075.38	298.50	264.78	-74.39	-6,825.99	-14,168.61	2,727.32	2,514.90	212.41	12.840		
18,800.00	7,321.00	16,811.00	7,075.38	301.11	264.78	-74.39	-6,825.99	-14,168.61	2,632.20	2,414.72	217.48	12.103		
18,900.00	7,321.00	16,811.00	7,075.38	303.72	264.78	-74.39	-6,825.99	-14,168.61	2,537.47	2,314.45	223.02	11.378		
19,000.00	7,321.00	16,811.00	7,075.38	306.32	264.78	-74.39	-6,825.99	-14,168.61	2,443.15	2,214.07	229.08	10.665		
19,100.00	7,321.00	16,811.00	7,075.38	308.93	264.78	-74.39	-6,825.99	-14,168.61	2,349.31	2,113.58	235.72	9.966		
19,200.00	7,321.00	16,811.00	7,075.38	311.54	264.78	-74.39	-6,825.99	-14,168.61	2,255.99	2,012.98	243.00	9.284		
19,300.00	7,321.00	16,811.00	7,075.38	314.16	264.78	-74.39	-6,825.99	-14,168.61	2,163.27	1,912.27	251.00	8.619		
19,400.00	7,321.00	16,811.00	7,075.38	316.77	264.78	-74.39	-6,825.99	-14,168.61	2,071.23	1,811.44	259.79	7.973		
19,500.00	7,321.00	16,811.00	7,075.38	319.38	264.78	-74.39	-6,825.99	-14,168.61	1,979.95	1,710.50	269.46	7.348		
19,600.00	7,321.00	16,811.00	7,075.38	322.00	264.78	-74.39	-6,825.99	-14,168.61	1,889.57	1,609.46	280.10	6.746		
19,700.00	7,321.00	16,811.00	7,075.38	324.61	264.78	-74.39	-6,825.99	-14,168.61	1,800.20	1,508.36	291.84	6.169		
19,800.00	7,321.00	16,811.00	7,075.38	327.23	264.78	-75.11	-6,825.99	-14,168.61	1,712.48	1,407.45	305.03	5.614		
19,900.00	7,321.00	16,811.00	7,075.38	329.85	264.78	-75.90	-6,825.99	-14,168.61	1,627.92	1,307.47	320.45	5.080		
20,000.00	7,321.00	16,811.00	7,075.38	332.46	264.78	-76.56	-6,825.99	-14,168.61	1,547.21	1,208.91	338.30	4.574		
20,100.00	7,321.00	16,811.00	7,075.38	335.06	264.78	-77.09	-6,825.99	-14,168.61	1,471.09	1,112.41	358.68	4.101		
20,200.00	7,321.00	16,811.00	7,075.38	337.65	264.78	-77.53	-6,825.99	-14,168.61	1,400.40	1,018.82	381.58	3.670		
20,300.00	7,321.00	16,811.00	7,075.38	340.22	264.78	-77.69	-6,825.99	-14,168.61	1,335.64	928.93	406.71	3.284		
20,400.00	7,321.00	16,811.00	7,075.38	342.79	264.78	-77.69	-6,825.99	-14,168.61	1,275.68	842.47	433.20	2.945		
20,500.00	7,321.00	16,811.00	7,075.38	345.37	264.78	-77.69	-6,825.99	-14,168.61	1,220.98	760.37	460.60	2.651		
20,600.00	7,321.00	16,811.00	7,075.38	347.95	264.78	-77.69	-6,825.99	-14,168.61	1,172.27	683.94	488.33	2.401		
20,700.00	7,321.00	16,811.00	7,075.38	350.53	264.78	-77.69	-6,825.99	-14,168.61	1,130.33	614.73	515.60	2.192		
20,800.00	7,321.00	16,811.00	7,075.38	353.11	264.78	-77.69	-6,825.99	-14,168.61	1,095.93	554.47	541.46	2.024		
20,900.00	7,321.00	16,811.00	7,075.38	355.70	264.78	-77.69	-6,825.99	-14,168.61	1,069.81	505.00	564.81	1.894		
20,976.29	7,321.00	16,811.00	7,075.38	357.67	264.78	-77.69	-6,825.99	-14,168.61	1,055.83	475.58	580.26	1.820	CC, ES, SF	

# Civitas Resources

## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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		
12,100.00	7,321.00	15,770.00	6,953.66	147.95	242.60	-74.91	-6,797.98	-15,159.62	10,096.23	9,959.75	136.48	73.975		
12,200.00	7,321.00	15,770.00	6,953.66	149.67	242.60	-74.91	-6,797.98	-15,159.62	9,997.10	9,860.70	136.40	73.293		
12,300.00	7,321.00	15,770.00	6,953.66	151.43	242.60	-74.91	-6,797.98	-15,159.62	9,897.99	9,761.68	136.32	72.611		
12,400.00	7,321.00	15,770.00	6,953.66	153.22	242.60	-74.91	-6,797.98	-15,159.62	9,798.90	9,662.66	136.23	71.927		
12,500.00	7,321.00	15,770.00	6,953.66	155.04	242.60	-74.91	-6,797.98	-15,159.62	9,699.82	9,563.67	136.15	71.242		
12,600.00	7,321.00	15,770.00	6,953.66	156.88	242.60	-74.91	-6,797.98	-15,159.62	9,600.77	9,464.70	136.07	70.557		
12,700.00	7,321.00	15,770.00	6,953.66	158.75	242.60	-74.91	-6,797.98	-15,159.62	9,501.73	9,365.74	135.99	69.870		
12,800.00	7,321.00	15,770.00	6,953.66	160.65	242.60	-74.91	-6,797.98	-15,159.62	9,402.72	9,266.80	135.91	69.182		
12,900.00	7,321.00	15,770.00	6,953.66	162.57	242.60	-74.91	-6,797.98	-15,159.62	9,303.72	9,167.89	135.83	68.493		
13,000.00	7,321.00	15,770.00	6,953.66	164.51	242.60	-74.91	-6,797.98	-15,159.62	9,204.75	9,068.99	135.76	67.803		
13,100.00	7,321.00	15,770.00	6,953.66	166.48	242.60	-74.91	-6,797.98	-15,159.62	9,105.80	8,970.12	135.68	67.112		
13,200.00	7,321.00	15,770.00	6,953.66	168.48	242.60	-74.91	-6,797.98	-15,159.62	9,006.87	8,871.27	135.61	66.420		
13,300.00	7,321.00	15,770.00	6,953.66	170.49	242.60	-74.91	-6,797.98	-15,159.62	8,907.97	8,772.44	135.53	65.726		
13,400.00	7,321.00	15,770.00	6,953.66	172.52	242.60	-74.91	-6,797.98	-15,159.62	8,809.09	8,673.63	135.46	65.031		
13,500.00	7,321.00	15,770.00	6,953.66	174.58	242.60	-74.91	-6,797.98	-15,159.62	8,710.24	8,574.85	135.39	64.335		
13,600.00	7,321.00	15,770.00	6,953.66	176.66	242.60	-74.91	-6,797.98	-15,159.62	8,611.41	8,476.09	135.32	63.637		
13,700.00	7,321.00	15,770.00	6,953.66	178.75	242.60	-74.91	-6,797.98	-15,159.62	8,512.61	8,377.36	135.25	62.938		
13,800.00	7,321.00	15,770.00	6,953.66	180.87	242.60	-74.91	-6,797.98	-15,159.62	8,413.84	8,278.65	135.19	62.237		
13,900.00	7,321.00	15,770.00	6,953.66	183.00	242.60	-74.91	-6,797.98	-15,159.62	8,315.10	8,179.97	135.13	61.534		
14,000.00	7,321.00	15,770.00	6,953.66	185.15	242.60	-74.91	-6,797.98	-15,159.62	8,216.39	8,081.32	135.07	60.830		
14,100.00	7,321.00	15,770.00	6,953.66	187.32	242.60	-74.91	-6,797.98	-15,159.62	8,117.71	7,982.69	135.02	60.124		
14,200.00	7,321.00	15,770.00	6,953.66	189.50	242.60	-74.91	-6,797.98	-15,159.62	8,019.06	7,884.10	134.96	59.416		
14,300.00	7,321.00	15,770.00	6,953.66	191.70	242.60	-74.91	-6,797.98	-15,159.62	7,920.45	7,785.53	134.92	58.706		
14,400.00	7,321.00	15,770.00	6,953.66	193.92	242.60	-74.91	-6,797.98	-15,159.62	7,821.87	7,687.00	134.87	57.995		
14,500.00	7,321.00	15,770.00	6,953.66	196.15	242.60	-74.91	-6,797.98	-15,159.62	7,723.33	7,588.50	134.83	57.280		
14,600.00	7,321.00	15,770.00	6,953.66	198.39	242.60	-74.91	-6,797.98	-15,159.62	7,624.83	7,490.03	134.80	56.564		
14,700.00	7,321.00	15,770.00	6,953.66	200.65	242.60	-74.91	-6,797.98	-15,159.62	7,526.37	7,391.59	134.77	55.845		
14,800.00	7,321.00	15,770.00	6,953.66	202.92	242.60	-74.91	-6,797.98	-15,159.62	7,427.94	7,293.19	134.75	55.124		
14,900.00	7,321.00	15,770.00	6,953.66	205.20	242.60	-74.91	-6,797.98	-15,159.62	7,329.56	7,194.83	134.73	54.400		
15,000.00	7,321.00	15,770.00	6,953.66	207.50	242.60	-74.91	-6,797.98	-15,159.62	7,231.23	7,096.50	134.73	53.673		
15,100.00	7,321.00	15,770.00	6,953.66	209.80	242.60	-74.91	-6,797.98	-15,159.62	7,132.94	6,998.21	134.73	52.943		
15,200.00	7,321.00	15,770.00	6,953.66	212.12	242.60	-74.91	-6,797.98	-15,159.62	7,034.70	6,899.96	134.74	52.210		
15,300.00	7,321.00	15,770.00	6,953.66	214.45	242.60	-74.91	-6,797.98	-15,159.62	6,936.51	6,801.75	134.76	51.474		
15,400.00	7,321.00	15,770.00	6,953.66	216.79	242.60	-74.91	-6,797.98	-15,159.62	6,838.37	6,703.58	134.79	50.734		
15,500.00	7,321.00	15,770.00	6,953.66	219.15	242.60	-74.91	-6,797.98	-15,159.62	6,740.29	6,605.46	134.83	49.991		
15,600.00	7,321.00	15,770.00	6,953.66	221.51	242.60	-74.91	-6,797.98	-15,159.62	6,642.26	6,507.38	134.89	49.243		
15,700.00	7,321.00	15,770.00	6,953.66	223.88	242.60	-74.91	-6,797.98	-15,159.62	6,544.30	6,409.34	134.96	48.491		
15,800.00	7,321.00	15,770.00	6,953.66	226.26	242.60	-74.91	-6,797.98	-15,159.62	6,446.39	6,311.35	135.04	47.735		
15,900.00	7,321.00	15,770.00	6,953.66	228.65	242.60	-74.91	-6,797.98	-15,159.62	6,348.56	6,213.41	135.15	46.974		
16,000.00	7,321.00	15,770.00	6,953.66	231.04	242.60	-74.91	-6,797.98	-15,159.62	6,250.79	6,115.51	135.27	46.208		
16,100.00	7,321.00	15,770.00	6,953.66	233.45	242.60	-74.91	-6,797.98	-15,159.62	6,153.09	6,017.67	135.42	45.437		
16,200.00	7,321.00	15,770.00	6,953.66	235.86	242.60	-74.91	-6,797.98	-15,159.62	6,055.46	5,919.87	135.59	44.660		
16,300.00	7,321.00	15,770.00	6,953.66	238.28	242.60	-74.91	-6,797.98	-15,159.62	5,957.92	5,822.13	135.79	43.877		
16,400.00	7,321.00	15,770.00	6,953.66	240.71	242.60	-74.91	-6,797.98	-15,159.62	5,860.46	5,724.45	136.01	43.088		
16,500.00	7,321.00	15,770.00	6,953.66	243.15	242.60	-74.91	-6,797.98	-15,159.62	5,763.09	5,626.81	136.27	42.291		
16,600.00	7,321.00	15,770.00	6,953.66	245.59	242.60	-74.91	-6,797.98	-15,159.62	5,665.80	5,529.24	136.57	41.488		
16,700.00	7,321.00	15,770.00	6,953.66	248.05	242.60	-74.91	-6,797.98	-15,159.62	5,568.62	5,431.71	136.90	40.676		
16,800.00	7,321.00	15,770.00	6,953.66	250.50	242.60	-74.91	-6,797.98	-15,159.62	5,471.53	5,334.25	137.28	39.857		
16,900.00	7,321.00	15,770.00	6,953.66	252.97	242.60	-74.91	-6,797.98	-15,159.62	5,374.55	5,236.84	137.71	39.029		
17,000.00	7,321.00	15,770.00	6,953.66	255.44	242.60	-74.91	-6,797.98	-15,159.62	5,277.69	5,139.50	138.19	38.192		
17,100.00	7,321.00	15,770.00	6,953.66	257.91	242.60	-74.91	-6,797.98	-15,159.62	5,180.94	5,042.21	138.73	37.345		
17,200.00	7,321.00	15,770.00	6,953.66	260.39	242.60	-74.91	-6,797.98	-15,159.62	5,084.32	4,944.98	139.34	36.488		

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-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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-MWDD 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	
17,300.00	7,321.00	15,770.00	6,953.66	262.88	242.60	-74.91	-6,797.98	-15,159.62	4,987.83	4,847.80	140.03	35.620	
17,400.00	7,321.00	15,770.00	6,953.66	265.37	242.60	-74.91	-6,797.98	-15,159.62	4,891.49	4,750.69	140.80	34.741	
17,500.00	7,321.00	15,770.00	6,953.66	267.87	242.60	-74.91	-6,797.98	-15,159.62	4,795.29	4,653.63	141.66	33.851	
17,600.00	7,321.00	15,770.00	6,953.66	270.37	242.60	-74.91	-6,797.98	-15,159.62	4,699.25	4,556.63	142.62	32.949	
17,700.00	7,321.00	15,770.00	6,953.66	272.88	242.60	-74.91	-6,797.98	-15,159.62	4,603.38	4,459.68	143.70	32.034	
17,800.00	7,321.00	15,770.00	6,953.66	275.40	242.60	-74.91	-6,797.98	-15,159.62	4,507.69	4,362.78	144.91	31.107	
17,900.00	7,321.00	15,770.00	6,953.66	277.91	242.60	-74.91	-6,797.98	-15,159.62	4,412.19	4,265.94	146.26	30.168	
18,000.00	7,321.00	15,770.00	6,953.66	280.43	242.60	-74.91	-6,797.98	-15,159.62	4,316.90	4,169.14	147.76	29.216	
18,100.00	7,321.00	15,770.00	6,953.66	282.97	242.60	-73.51	-6,797.98	-15,159.62	4,221.49	4,072.11	149.38	28.260	
18,200.00	7,321.00	15,770.00	6,953.66	285.53	242.60	-71.40	-6,797.98	-15,159.62	4,125.34	3,974.35	150.98	27.323	
18,300.00	7,321.00	15,770.00	6,953.66	288.11	242.60	-68.75	-6,797.98	-15,159.62	4,028.48	3,875.94	152.55	26.408	
18,400.00	7,321.00	15,770.00	6,953.66	290.70	242.60	-65.33	-6,797.98	-15,159.62	3,931.00	3,776.97	154.03	25.521	
18,500.00	7,321.00	15,770.00	6,953.66	293.30	242.60	-60.83	-6,797.98	-15,159.62	3,832.96	3,677.56	155.40	24.664	
18,600.00	7,321.00	15,770.00	6,953.66	295.90	242.60	-60.10	-6,797.98	-15,159.62	3,734.65	3,577.92	156.73	23.828	
18,700.00	7,321.00	15,770.00	6,953.66	298.50	242.60	-60.10	-6,797.98	-15,159.62	3,636.42	3,478.26	158.17	22.991	
18,800.00	7,321.00	15,770.00	6,953.66	301.11	242.60	-60.10	-6,797.98	-15,159.62	3,538.30	3,378.58	159.72	22.153	
18,900.00	7,321.00	15,770.00	6,953.66	303.72	242.60	-60.10	-6,797.98	-15,159.62	3,440.28	3,278.87	161.40	21.315	
19,000.00	7,321.00	15,770.00	6,953.66	306.32	242.60	-60.10	-6,797.98	-15,159.62	3,342.37	3,179.14	163.23	20.476	
19,100.00	7,321.00	15,770.00	6,953.66	308.93	242.60	-60.10	-6,797.98	-15,159.62	3,244.60	3,079.37	165.23	19.637	
19,200.00	7,321.00	15,770.00	6,953.66	311.54	242.60	-60.10	-6,797.98	-15,159.62	3,146.96	2,979.57	167.40	18.799	
19,300.00	7,321.00	15,770.00	6,953.66	314.16	242.60	-60.10	-6,797.98	-15,159.62	3,049.48	2,879.71	169.77	17.963	
19,400.00	7,321.00	15,770.00	6,953.66	316.77	242.60	-60.10	-6,797.98	-15,159.62	2,952.17	2,779.81	172.36	17.128	
19,500.00	7,321.00	15,770.00	6,953.66	319.38	242.60	-60.10	-6,797.98	-15,159.62	2,855.04	2,679.84	175.20	16.296	
19,600.00	7,321.00	15,770.00	6,953.66	322.00	242.60	-60.10	-6,797.98	-15,159.62	2,758.12	2,579.80	178.32	15.468	
19,700.00	7,321.00	15,770.00	6,953.66	324.61	242.60	-60.10	-6,797.98	-15,159.62	2,661.42	2,479.68	181.74	14.644	
19,800.00	7,321.00	15,770.00	6,953.66	327.23	242.60	-62.62	-6,797.98	-15,159.62	2,565.23	2,379.56	185.67	13.816	
19,900.00	7,321.00	15,770.00	6,953.66	329.85	242.60	-65.29	-6,797.98	-15,159.62	2,470.24	2,279.70	190.54	12.964	
20,000.00	7,321.00	15,770.00	6,953.66	332.46	242.60	-67.41	-6,797.98	-15,159.62	2,376.77	2,180.23	196.55	12.093	
20,100.00	7,321.00	15,770.00	6,953.66	335.06	242.60	-69.11	-6,797.98	-15,159.62	2,285.12	2,081.27	203.85	11.210	
20,200.00	7,321.00	15,770.00	6,953.66	337.65	242.60	-70.49	-6,797.98	-15,159.62	2,195.63	1,982.98	212.65	10.325	
20,300.00	7,321.00	15,770.00	6,953.66	340.22	242.60	-71.00	-6,797.98	-15,159.62	2,108.41	1,885.40	223.00	9.455	
20,400.00	7,321.00	15,770.00	6,953.66	342.79	242.60	-71.00	-6,797.98	-15,159.62	2,022.52	1,787.95	234.56	8.623	
20,500.00	7,321.00	15,770.00	6,953.66	345.37	242.60	-71.00	-6,797.98	-15,159.62	1,937.98	1,690.62	247.36	7.835	
20,600.00	7,321.00	15,770.00	6,953.66	347.95	242.60	-71.00	-6,797.98	-15,159.62	1,854.98	1,593.51	261.47	7.094	
20,700.00	7,321.00	15,770.00	6,953.66	350.53	242.60	-71.00	-6,797.98	-15,159.62	1,773.73	1,496.74	277.00	6.403	
20,800.00	7,321.00	15,770.00	6,953.66	353.11	242.60	-71.00	-6,797.98	-15,159.62	1,694.50	1,400.49	294.01	5.763	
20,900.00	7,321.00	15,770.00	6,953.66	355.70	242.60	-71.00	-6,797.98	-15,159.62	1,617.56	1,304.98	312.58	5.175	
20,976.29	7,321.00	15,770.00	6,953.66	357.67	242.60	-71.00	-6,797.98	-15,159.62	1,560.63	1,232.80	327.83	4.760 CC, ES, SF	

# Civitas Resources

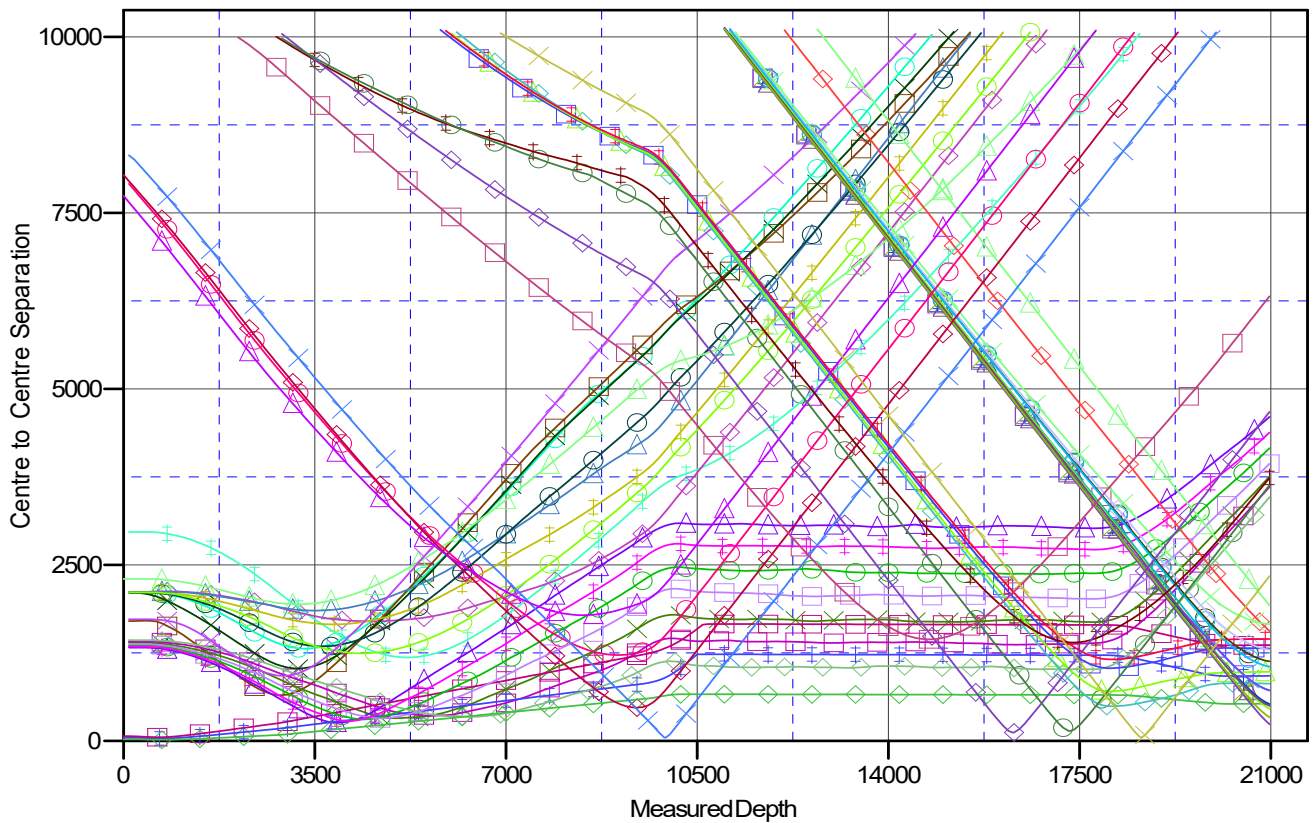
## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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' @ 4922.00usft  
Offset Depths are relative to Offset Datum  
Central Meridian is 105.500000°W

Coordinates are relative to: MAVERICK 2W-20-01  
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	EXIST HZ BALDRIDGE 2-1, Wellbore #1, Wellbore #1V0	VARRA 11, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 16-36, Wellbore #1, Wellbore #1 V0	ABND VERT LIND 36-32, Wellbore #1, Design #1 V0	VARRA 9, STK1STK1V0
EXIST HZ SCHNBDR 33-36, 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 BALDRIDGE 7-1, Wellbore #1, Wellbore #1V0	MAVERICK 2W20-02, OWB, PROPOSAL1 V0	VARRA 12, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 20-36, Wellbore #1, Wellbore #1 V0	EXIST HZ SCHNBDR 34-36, Wellbore #1, Wellbore #1 V0	VARRA 7, Wellbore #1, Wellbore #1 V0
EXIST HZ BALDRIDGE 17-1, Wellbore #1, Wellbore #1 V0	MICKEY 13, ORIGINAL WELBORE, WB #1 - Patterson 34 V0	VARRA 5, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-2C, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 8, Wellbore #1, Wellbore #1 V0	SIMONSEN 1L241, Wellbore #1, Wellbore #1 V0
EXIST HZ BALDRIDGE 6-1, Wellbore #1, Wellbore #1V0	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, STK1STK1V0	SIMONSEN 1Q241, 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	EXIST HZ BOWER 15-3, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-6N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 10, Wellbore #1, Wellbore #1 V0	ABND VERT BOWER 1-3, Wellbore #1, Design #1 V0
MAVERICK 2W20-03, OWB, PROPOSAL1 V0	MICKEY 12, ORIGINAL WELBORE, WB #1 - Patterson 34 V0	ABND VERT MOSER 1-2, Wellbore #1, Design #1 V0
MAVERICK 2W20-04, OWB, PROPOSAL1 V0	VARRA 6, Wellbore #1, Wellbore #1 V0	EXIST HZ BOWER 10-3, Wellbore #1, Wellbore #1 V0
ICE MAN 2W45-3N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	MICKEY 10, ORIGINAL WELBORE, WB #1 - Patterson 36 V0	ABND VERT OCHSNER 1-3, Wellbore #1, Design #1 V0
ICE MAN 2W45-7N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 2, Wellbore #1, Wellbore #1 V0	
ICE MAN 2W45-4N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 4, Wellbore #1, Wellbore #1 V0	

# Civitas Resources

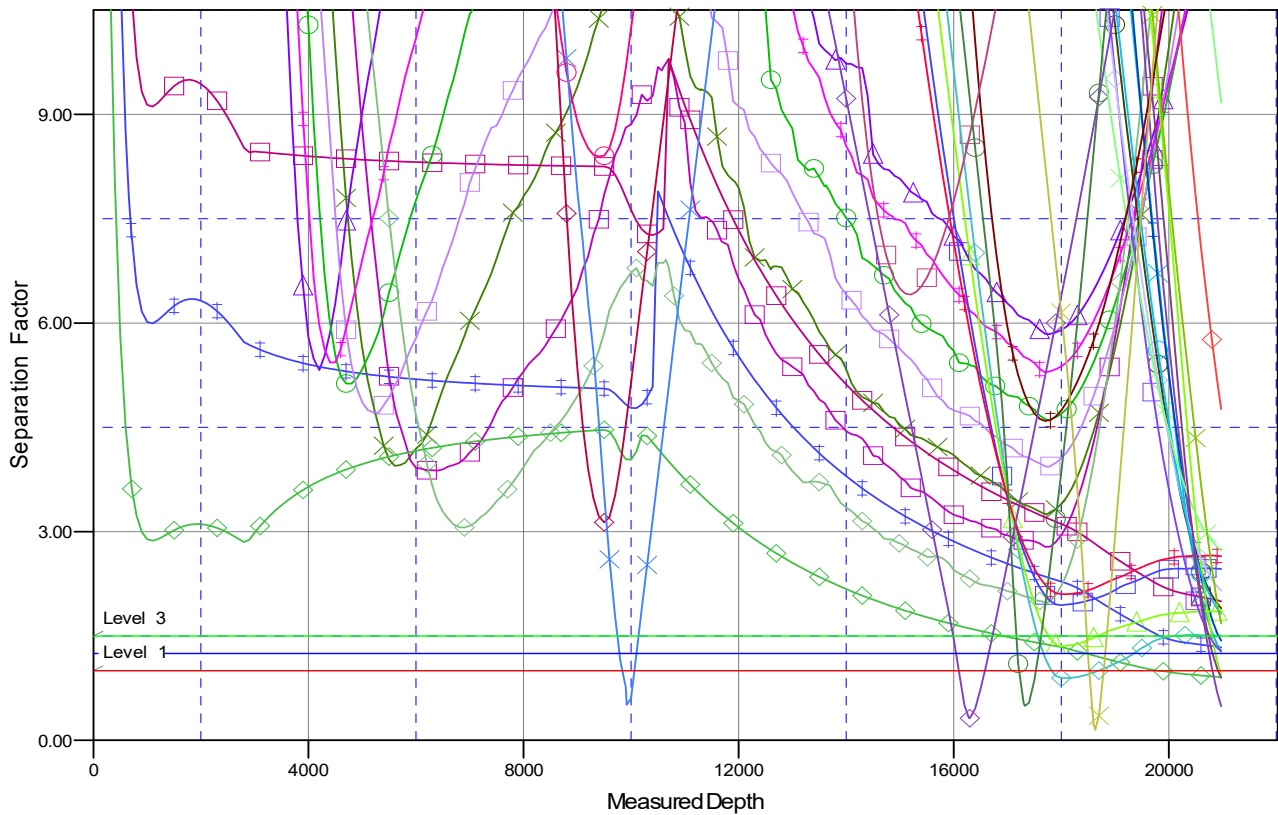
## Anticollision Report

<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MAVERICK 2W-20-01
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KBE 25' @ 4922.00usft
<b>Reference Site:</b>	Sec 36-T7N-R67W	<b>MD Reference:</b>	KBE 25' @ 4922.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MAVERICK 2W-20-01	<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' @ 4922.00usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 105.500000°W

Coordinates are relative to: MAVERICK 2W-20-01  
 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	EXIST HZ BALDRIDGE 2-1, Wellbore #1, Wellbore #1V0	VARRA 11, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 16-36, Wellbore #1, Wellbore #1 V0	ABND VERT LIND 36-32, Wellbore #1, Design #1 V0	VARRA 9, STK1STK1V0
EXIST HZ SCHNBDR 33-36, 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 BALDRIDGE 7-1, Wellbore #1, Wellbore #1V0	MAVERICK 2W20-02, OWB, PROPOSAL1 V0	VARRA 12, Wellbore #1, Wellbore #1 V0
EXIST HZ SCHNBDR 20-36, Wellbore #1, Wellbore #1 V0	EXIST HZ SCHNBDR 34-36, Wellbore #1, Wellbore #1 V0	VARRA 7, Wellbore #1, Wellbore #1 V0
EXIST HZ BALDRIDGE 17-1, Wellbore #1, Wellbore #1 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 6-1, Wellbore #1, Wellbore #1V0	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, STK1STK1V0	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
ICE MAN 2W45-8N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 10, Wellbore #1, Wellbore #1 V0	EXIST HZ BOWER 15-3, Wellbore #1, Wellbore #1 V0
MAVERICK 2W20-03, OWB, PROPOSAL1 V0	MICKEY 12, ORIGINAL WELBORE, WB #1 - Patterson 346 V0	ABND VERT BOWER 15-3, 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
ICE MAN 2W45-7N, 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
ICE MAN 2W45-4N, ORIGINAL WELBORE, WB #1 - PATT 93 V0	VARRA 2, Wellbore #1, Wellbore #1 V0	ABND VERT OCHSNER 1-3, Wellbore #1, Design #1 V0
	VARRA 4, Wellbore #1, Wellbore #1 V0	