

BONANZA CREEK ENERGY

WELD COUNTY

SEC 36-T5N-R63W

STATE NORTH PLATTE F-36 FED 25N-20-08

OWB

PROPOSAL 1

Anticollision Report

03 January, 2024

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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

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

Survey Tool Program	Date	1/2/2024		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	17,677.76	PROPOSAL 1 (OWB)	MWD OWSG	OWSG MWD - Standard

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 24-T5N-R63W						
ABND VERT MONAHAN FARR 1 - OWB - Design #1	16,800.00	6,265.00	708.88	506.92	3.510	SF
ABND VERT MONAHAN FARR 1 - OWB - Design #1	16,900.00	6,265.00	698.05	500.05	3.525	ES
ABND VERT MONAHAN FARR 1 - OWB - Design #1	16,926.17	6,265.00	697.56	501.09	3.550	CC
ABND VERT MONAHAN FEDERAL 24 (GYRO) - OWB -	16,900.00	6,100.00	1,465.10	1,268.76	7.462	SF
ABND VERT MONAHAN FEDERAL 24 (GYRO) - OWB -	16,988.27	6,100.00	1,462.44	1,267.70	7.510	CC, ES
EXIST HZ NORTH PLATTE 24-21-24HZ - OWB - FINAL	13,275.08	6,659.96	3,161.56	3,025.83	23.292	CC
EXIST HZ NORTH PLATTE 24-21-24HZ - OWB - FINAL	13,300.00	6,670.00	3,161.60	3,025.67	23.258	ES
EXIST HZ NORTH PLATTE 24-21-24HZ - OWB - FINAL	17,504.45	10,898.00	3,341.50	3,072.70	12.431	SF
EXIST HZ NORTH PLATTE E-A-24HNA - OWB - FINAL	12,932.17	4,548.85	4,494.62	4,385.78	41.293	CC, ES
EXIST HZ NORTH PLATTE E-A-24HNA - OWB - FINAL	17,677.76	11,030.00	4,889.12	4,620.26	18.185	SF
EXIST HZ NORTH PLATTE E-A-24HNC - OWB - FINAL	12,975.25	4,037.32	4,537.90	4,435.74	44.418	CC, ES
EXIST HZ NORTH PLATTE E-A-24HNC - OWB - FINAL	17,677.76	11,042.33	5,054.55	4,790.27	19.126	SF
EXIST HZ NORTH PLATTE J-F-24HZ - OWB - FINAL SU	12,691.53	6,371.01	3,873.59	3,747.04	30.611	CC
EXIST HZ NORTH PLATTE J-F-24HZ - OWB - FINAL SU	12,700.00	6,373.19	3,873.60	3,747.01	30.601	ES
EXIST HZ NORTH PLATTE J-F-24HZ - OWB - FINAL SU	17,677.76	11,050.00	4,105.51	3,841.40	15.545	SF
EXIST HZ NORTH PLATTE O-K-24HC - OWB - FINAL S	12,798.46	6,337.59	2,359.75	2,232.73	18.578	CC
EXIST HZ NORTH PLATTE O-K-24HC - OWB - FINAL S	16,300.00	9,932.51	2,453.74	2,227.64	10.853	ES
EXIST HZ NORTH PLATTE O-K-24HC - OWB - FINAL S	16,700.00	10,241.46	2,470.03	2,234.59	10.491	SF
EXIST HZ NORTH PLATTE O-K-24HNB - OWB - FINAL	12,800.00	6,547.00	2,220.17	2,088.93	16.917	SF
EXIST HZ NORTH PLATTE O-K-24HNB - OWB - FINAL	12,900.00	6,547.00	2,217.05	2,086.39	16.968	ES
EXIST HZ NORTH PLATTE O-K-24HNB - OWB - FINAL	12,919.17	6,547.00	2,216.96	2,086.42	16.982	CC
EXIST HZ NORTH PLATTE O-K-24HNB - STK 1 - FINAL	13,029.88	6,462.88	2,235.99	2,105.49	17.135	CC
EXIST HZ NORTH PLATTE O-K-24HNB - STK 1 - FINAL	13,100.00	6,504.07	2,236.61	2,105.47	17.056	ES
EXIST HZ NORTH PLATTE O-K-24HNB - STK 1 - FINAL	17,500.00	11,000.00	2,406.04	2,136.55	8.928	SF

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Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
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Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
SEC 36-T5N-R63W						
ABND VERT 70 RANCH USX BB 25-07P - OWB - Desig	10,400.00	6,257.00	1,543.67	1,342.85	7.687	SF
ABND VERT 70 RANCH USX BB 25-07P - OWB - Desig	10,673.04	6,257.00	1,519.33	1,324.41	7.795	CC, ES
EXIST HZ SI 70 RANCH USX BB 25-99HZ - OWB - FIN	8,450.23	10,646.00	299.06	178.22	2.475	CC
EXIST HZ SI 70 RANCH USX BB 25-99HZ - OWB - FIN	8,500.00	10,646.00	303.18	174.93	2.364	ES
EXIST HZ SI 70 RANCH USX BB 25-99HZ - OWB - FIN	8,600.00	10,646.00	334.47	187.49	2.276	SF
EXIST HZ SI 70 RANCH USX BB25-68HN - OWB - FINA	12,100.00	10,177.00	188.96	32.27	1.206	Level 2, ES, SF
EXIST HZ SI 70 RANCH USX BB25-68HN - OWB - FINA	12,171.58	10,177.00	174.88	54.44	1.452	Level 3, CC
EXIST HZ SI 70 RANCH USX BB25-96-1HN - OWB - FIN	8,131.68	11,197.00	1,044.98	910.86	7.792	CC
EXIST HZ SI 70 RANCH USX BB25-96-1HN - OWB - FIN	8,200.00	11,197.00	1,047.21	910.07	7.636	ES
EXIST HZ SI 70 RANCH USX BB25-96-1HN - OWB - FIN	8,600.00	11,197.00	1,145.12	986.64	7.226	SF
EXIST HZ STATE NORTH PLATTE 11-36-1XRLC - OWB	100.00	90.36	140.11	139.69	334.336	CC
EXIST HZ STATE NORTH PLATTE 11-36-1XRLC - OWB	500.00	490.09	141.03	137.94	45.677	ES
EXIST HZ STATE NORTH PLATTE 11-36-1XRLC - OWB	1,000.00	970.19	190.20	183.14	26.954	SF
EXIST HZ STATE NORTH PLATTE 11-36-1XRNLB - OW	104.45	95.61	161.51	161.06	358.499	CC, ES
EXIST HZ STATE NORTH PLATTE 11-36-1XRNLB - OW	1,100.00	1,073.94	300.16	293.15	42.822	SF
EXIST HZ STATE NORTH PLATTE 34-31-36HNB - OWB	6,706.32	10,874.00	1,420.47	1,319.85	14.117	CC
EXIST HZ STATE NORTH PLATTE 34-31-36HNB - OWB	6,800.00	10,874.00	1,423.56	1,319.74	13.712	ES
EXIST HZ STATE NORTH PLATTE 34-31-36HNB - OWB	7,100.00	10,874.00	1,474.01	1,362.26	13.190	SF
EXIST HZ STATE NORTH PLATTE 44-41-36HNB - OWB	7,370.60	10,752.00	549.37	445.78	5.304	CC
EXIST HZ STATE NORTH PLATTE 44-41-36HNB - OWB	7,400.00	10,752.00	550.78	445.01	5.207	ES
EXIST HZ STATE NORTH PLATTE 44-41-36HNB - OWB	7,450.00	10,752.00	559.57	450.35	5.123	SF
EXIST HZ STATE NORTH PLATTE F11-J14-36HNC - OW	381.39	372.02	118.14	115.79	50.282	CC
EXIST HZ STATE NORTH PLATTE F11-J14-36HNC - OW	500.00	490.85	118.57	115.33	36.661	ES
EXIST HZ STATE NORTH PLATTE F11-J14-36HNC - OW	1,000.00	979.80	171.00	163.83	23.862	SF
EXIST HZ STATE NORTH PLATTE F21-J24-36HNC - OW	400.00	391.04	97.93	95.43	39.159	CC
EXIST HZ STATE NORTH PLATTE F21-J24-36HNC - OW	404.45	395.46	97.93	95.40	38.648	ES
EXIST HZ STATE NORTH PLATTE F21-J24-36HNC - OW	1,100.00	1,088.50	156.91	148.91	19.619	SF
EXIST HZ STATE NORTH PLATTE F-J-36HNB - OWB -	100.00	88.61	138.40	138.00	342.797	CC, ES
EXIST HZ STATE NORTH PLATTE F-J-36HNB - OWB -	1,000.00	978.14	261.73	254.76	37.600	SF
EXIST HZ STATE NORTH PLATTE K21-O24-36HNB - O	358.70	349.75	78.07	76.04	38.527	CC
EXIST HZ STATE NORTH PLATTE K21-O24-36HNB - O	400.00	390.68	78.23	75.90	33.665	ES
EXIST HZ STATE NORTH PLATTE K21-O24-36HNB - O	1,100.00	1,091.84	134.26	126.28	16.816	SF
EXIST HZ STATE NORTH PLATTE K-35-36MRLNB - OW	7,596.62	14,080.00	238.25	75.37	1.463	Level 3, CC
EXIST HZ STATE NORTH PLATTE K-35-36MRLNB - OW	7,700.00	14,080.00	265.32	39.51	1.175	Level 2, ES, SF
EXIST HZ STATE NORTH PLATTE K-O-36HC - OWB - F	100.00	88.73	147.76	147.36	367.529	CC, ES
EXIST HZ STATE NORTH PLATTE K-O-36HC - OWB - F	4,000.00	4,064.69	675.88	635.57	16.768	SF
EXIST HZ STATE NORTH PLATTE T34-P31-36HNC - O	6,936.80	10,915.00	1,168.87	1,065.75	11.335	CC
EXIST HZ STATE NORTH PLATTE T34-P31-36HNC - O	7,000.00	10,915.00	1,170.58	1,064.89	11.077	ES
EXIST HZ STATE NORTH PLATTE T34-P31-36HNC - O	7,250.00	10,915.00	1,211.47	1,097.96	10.672	SF
EXIST HZ STATE NORTH PLATTE T44-P41-36HNC - O	7,279.80	10,862.00	717.76	611.47	6.753	CC
EXIST HZ STATE NORTH PLATTE T44-P41-36HNC - O	7,300.00	10,862.00	718.24	610.53	6.668	ES
EXIST HZ STATE NORTH PLATTE T44-P41-36HNC - O	7,400.00	10,862.00	734.64	620.79	6.453	SF
EXIST HZ STATE NORTH PLATTE T-P-36HNB - OWB -	7,078.33	10,816.00	919.09	812.49	8.622	CC
EXIST HZ STATE NORTH PLATTE T-P-36HNB - OWB -	7,100.00	10,816.00	919.35	811.65	8.536	ES
EXIST HZ STATE NORTH PLATTE T-P-36HNB - OWB -	7,250.00	10,816.00	936.84	822.73	8.210	SF
EXIST HZ STATE NORTH PLATTE Y44-U41-36HNC - O	7,487.81	10,918.00	584.47	471.12	5.156	CC
EXIST HZ STATE NORTH PLATTE Y44-U41-36HNC - O	7,500.00	10,918.00	584.73	470.88	5.136	ES
EXIST HZ STATE NORTH PLATTE Y44-U41-36HNC - O	7,550.00	10,918.00	591.04	475.50	5.116	SF
EXIST HZ STATE NORTH PLATTE Y-U-36HC - OWB - F	7,589.89	10,918.00	748.01	620.40	5.862	CC
EXIST HZ STATE NORTH PLATTE Y-U-36HC - OWB - F	7,600.00	10,918.00	748.17	619.94	5.835	ES
EXIST HZ STATE NORTH PLATTE Y-U-36HC - OWB - F	7,650.00	10,918.00	753.54	622.62	5.755	SF
SI VERT 70 RANCH USX BB 25-04 (GYRO) - OWB - GY	12,245.41	6,200.00	4,368.20	4,252.03	37.599	CC, ES

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
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Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
SEC 36-T5N-R63W						
SI VERT 70 RANCH USX BB 25-04 (GYRO) - OWB - GY	12,700.00	6,200.00	4,391.79	4,274.12	37.320	SF
STATE NORTH PLATTE F-36 FED 25N-10-01 - OWB - P	100.00	100.00	128.45	127.91	238.882	CC, ES
STATE NORTH PLATTE F-36 FED 25N-10-01 - OWB - P	12,600.00	10,974.09	4,387.74	4,194.90	22.753	SF
STATE NORTH PLATTE F-36 FED 25N-10-02 - OWB - P	100.00	100.00	122.67	122.13	228.133	CC, ES
STATE NORTH PLATTE F-36 FED 25N-10-02 - OWB - P	12,400.00	10,999.56	3,773.51	3,581.00	19.602	SF
STATE NORTH PLATTE F-36 FED 25N-10-03 - OWB - P	100.00	100.00	119.99	119.45	223.154	CC, ES
STATE NORTH PLATTE F-36 FED 25N-10-03 - OWB - P	12,400.00	11,097.28	3,134.40	2,941.31	16.233	SF
STATE NORTH PLATTE F-36 FED 25N-10-04 - OWB - P	100.00	100.00	120.91	120.37	224.854	CC, ES
STATE NORTH PLATTE F-36 FED 25N-10-04 - OWB - P	12,400.00	11,265.65	2,496.41	2,302.43	12.869	SF
STATE NORTH PLATTE F-36 FED 25N-20-06 - OWB - P	245.40	245.34	39.53	37.96	25.088	CC
STATE NORTH PLATTE F-36 FED 25N-20-06 - OWB - P	300.00	299.84	39.67	37.70	20.162	ES
STATE NORTH PLATTE F-36 FED 25N-20-06 - OWB - P	17,677.76	16,994.84	1,264.13	889.19	3.372	SF
STATE NORTH PLATTE F-36 FED 25N-20-07 - OWB - P	204.45	204.43	19.95	18.67	15.569	CC
STATE NORTH PLATTE F-36 FED 25N-20-07 - OWB - P	300.00	299.97	20.25	18.29	10.320	ES
STATE NORTH PLATTE F-36 FED 25N-20-07 - OWB - P	17,677.76	17,345.47	581.92	206.57	1.550	SF
STATE NORTH PLATTE F-36 FED 25N-30-05 - OWB - P	282.87	282.75	59.46	57.61	32.230	CC
STATE NORTH PLATTE F-36 FED 25N-30-05 - OWB - P	300.00	299.84	59.47	57.50	30.223	ES
STATE NORTH PLATTE F-36 FED 25N-30-05 - OWB - P	17,677.76	16,668.29	1,988.39	1,615.65	5.334	SF

Offset Design SEC 24-T5N-R63W - ABND VERT MONAHAN FARR 1 - OWB - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-GYRO-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
2,900.00	2,552.05	2,590.05	2,590.05	26.36	8.89	-74.96	9,825.70	3,614.97	10,015.29	9,981.19	34.10	293.672	
3,000.00	2,628.38	2,666.38	2,666.38	27.80	9.16	-75.24	9,825.70	3,614.97	9,994.02	9,958.23	35.79	279.246	
3,100.00	2,704.70	2,742.70	2,742.70	29.25	9.42	-75.52	9,825.70	3,614.97	9,973.12	9,935.63	37.48	266.077	
3,200.00	2,781.02	2,819.02	2,819.02	30.71	9.69	-75.80	9,825.70	3,614.97	9,952.59	9,913.41	39.18	254.011	
3,300.00	2,857.35	2,895.35	2,895.35	32.16	9.96	-76.08	9,825.70	3,614.97	9,932.45	9,891.56	40.89	242.921	
3,400.00	2,933.67	2,971.67	2,971.67	33.62	10.23	-76.36	9,825.70	3,614.97	9,912.68	9,870.08	42.60	232.696	
3,500.00	3,009.99	3,047.99	3,047.99	35.07	10.49	-76.64	9,825.70	3,614.97	9,893.30	9,848.98	44.32	223.241	
3,600.00	3,086.31	3,124.31	3,124.31	36.53	10.76	-76.93	9,825.70	3,614.97	9,874.30	9,828.26	46.04	214.476	
3,700.00	3,162.64	3,200.64	3,200.64	37.99	11.03	-77.21	9,825.70	3,614.97	9,855.69	9,807.92	47.77	206.329	
3,800.00	3,238.96	3,276.96	3,276.96	39.45	11.30	-77.50	9,825.70	3,614.97	9,837.46	9,787.97	49.50	198.740	
3,900.00	3,315.28	3,353.28	3,353.28	40.91	11.57	-77.78	9,825.70	3,614.97	9,819.63	9,768.40	51.24	191.656	
4,000.00	3,391.61	3,429.61	3,429.61	42.37	11.83	-78.07	9,825.70	3,614.97	9,802.20	9,749.22	52.98	185.028	
4,100.00	3,467.93	3,505.93	3,505.93	43.84	12.10	-78.36	9,825.70	3,614.97	9,785.15	9,730.43	54.72	178.817	
4,200.00	3,544.25	3,582.25	3,582.25	45.30	12.37	-78.64	9,825.70	3,614.97	9,768.51	9,712.04	56.47	172.985	
4,300.00	3,620.58	3,658.58	3,658.58	46.76	12.64	-78.93	9,825.70	3,614.97	9,752.26	9,694.04	58.22	167.500	
4,400.00	3,696.90	3,734.90	3,734.90	48.23	12.90	-79.22	9,825.70	3,614.97	9,736.42	9,676.44	59.98	162.334	
4,500.00	3,773.22	3,811.22	3,811.22	49.69	13.17	-79.51	9,825.70	3,614.97	9,720.98	9,659.25	61.74	157.460	
4,600.00	3,849.55	3,887.55	3,887.55	51.16	13.44	-79.80	9,825.70	3,614.97	9,705.95	9,642.45	63.50	152.855	
4,700.00	3,925.87	3,963.87	3,963.87	52.62	13.71	-80.09	9,825.70	3,614.97	9,691.32	9,626.06	65.26	148.499	
4,800.00	4,002.19	4,040.19	4,040.19	54.09	13.97	-80.38	9,825.70	3,614.97	9,677.11	9,610.08	67.03	144.373	
4,900.00	4,078.51	4,116.51	4,116.51	55.56	14.24	-80.67	9,825.70	3,614.97	9,663.30	9,594.50	68.80	140.461	
5,000.00	4,154.84	4,192.84	4,192.84	57.02	14.51	-80.96	9,825.70	3,614.97	9,649.91	9,579.34	70.57	136.746	
5,100.00	4,231.16	4,269.16	4,269.16	58.49	14.78	-81.25	9,825.70	3,614.97	9,636.93	9,564.59	72.34	133.216	
5,200.00	4,307.48	4,345.48	4,345.48	59.96	15.04	-81.54	9,825.70	3,614.97	9,624.37	9,550.25	74.12	129.857	
5,300.00	4,383.81	4,421.81	4,421.81	61.43	15.31	-81.84	9,825.70	3,614.97	9,612.22	9,536.33	75.89	126.658	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - ABND VERT MONAHAN FARR 1 - OWB - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-GYRO-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		
5,400.00	4,460.13	4,498.13	4,498.13	62.89	15.58	-82.13	9,825.70	3,614.97	9,600.50	9,522.83	77.67	123.609		
5,500.00	4,536.45	4,574.45	4,574.45	64.36	15.85	-82.42	9,825.70	3,614.97	9,589.19	9,509.75	79.45	120.701		
5,600.00	4,612.78	4,650.78	4,650.78	65.83	16.11	-82.72	9,825.70	3,614.97	9,578.31	9,497.09	81.23	117.923		
5,700.00	4,689.10	4,727.10	4,727.10	67.30	16.38	-83.01	9,825.70	3,614.97	9,567.86	9,484.85	83.00	115.269		
5,800.00	4,765.42	4,803.42	4,803.42	68.77	16.65	-83.31	9,825.70	3,614.97	9,557.82	9,473.04	84.78	112.731		
5,900.00	4,841.75	4,879.75	4,879.75	70.24	16.92	-83.60	9,825.70	3,614.97	9,548.22	9,461.65	86.56	110.301		
6,000.00	4,918.07	4,956.07	4,956.07	71.70	17.18	-83.90	9,825.70	3,614.97	9,539.04	9,450.70	88.35	107.975		
6,100.00	4,994.39	5,032.39	5,032.39	73.17	17.45	-84.19	9,825.70	3,614.97	9,530.29	9,440.17	90.13	105.745		
6,200.00	5,070.72	5,108.72	5,108.72	74.64	17.72	-84.49	9,825.70	3,614.97	9,521.98	9,430.07	91.90	103.607		
6,300.00	5,147.04	5,185.04	5,185.04	76.11	17.99	-84.79	9,825.70	3,614.97	9,514.09	9,420.41	93.68	101.555		
6,400.00	5,223.36	5,261.36	5,261.36	77.58	18.26	-85.08	9,825.70	3,614.97	9,506.64	9,411.17	95.46	99.585		
6,500.00	5,299.68	5,337.68	5,337.68	79.05	18.52	-85.38	9,825.70	3,614.97	9,499.62	9,402.38	97.24	97.693		
6,600.00	5,376.01	5,414.01	5,414.01	80.52	18.79	-85.68	9,825.70	3,614.97	9,493.03	9,394.02	99.02	95.874		
6,700.00	5,452.33	5,490.33	5,490.33	81.99	19.06	-85.98	9,825.70	3,614.97	9,486.88	9,386.09	100.79	94.125		
6,800.00	5,528.65	5,566.65	5,566.65	83.46	19.33	-86.27	9,825.70	3,614.97	9,481.17	9,378.61	102.56	92.442		
6,900.00	5,604.98	5,642.98	5,642.98	84.93	19.59	-86.57	9,825.70	3,614.97	9,475.89	9,371.56	104.33	90.822		
7,000.00	5,681.30	5,719.30	5,719.30	86.40	19.86	-86.87	9,825.70	3,614.97	9,471.05	9,364.95	106.10	89.262		
7,100.00	5,757.62	5,795.62	5,795.62	87.87	20.13	-87.17	9,825.70	3,614.97	9,466.65	9,358.78	107.87	87.759		
7,176.71	5,816.17	5,854.17	5,854.17	89.00	20.33	-87.40	9,825.70	3,614.97	9,463.58	9,354.35	109.22	86.643		
7,200.00	5,833.92	5,871.92	5,871.92	89.34	20.40	-84.74	9,825.70	3,614.97	9,462.22	9,352.59	109.63	86.307		
7,250.00	5,871.73	5,909.73	5,909.73	90.07	20.53	-79.22	9,825.70	3,614.97	9,456.21	9,345.71	110.50	85.573		
7,300.00	5,908.91	5,946.91	5,946.91	90.78	20.66	-74.04	9,825.70	3,614.97	9,446.01	9,334.65	111.35	84.829		
7,350.00	5,945.18	5,983.18	5,983.18	91.48	20.79	-69.31	9,825.70	3,614.97	9,431.68	9,319.51	112.17	84.081		
7,400.00	5,980.26	6,018.26	6,018.26	92.14	20.91	-65.09	9,825.70	3,614.97	9,413.34	9,300.39	112.96	83.335		
7,450.00	6,013.88	6,051.88	6,051.88	92.77	21.03	-61.40	9,825.70	3,614.97	9,391.12	9,277.42	113.70	82.598		
7,500.00	6,045.79	6,083.79	6,083.79	93.36	21.14	-58.23	9,825.70	3,614.97	9,365.17	9,250.78	114.39	81.872		
7,550.00	6,075.75	6,113.75	6,113.75	93.90	21.24	-55.57	9,825.70	3,614.97	9,335.68	9,220.65	115.02	81.163		
7,600.00	6,103.52	6,141.52	6,141.52	94.40	21.34	-53.41	9,825.70	3,614.97	9,302.86	9,187.26	115.60	80.473		
7,650.00	6,128.89	6,166.89	6,166.89	94.85	21.43	-51.73	9,825.70	3,614.97	9,266.95	9,150.83	116.12	79.804		
7,700.00	6,151.68	6,189.68	6,189.68	95.25	21.51	-50.54	9,825.70	3,614.97	9,228.21	9,111.63	116.58	79.159		
7,750.00	6,171.71	6,209.71	6,209.71	95.60	21.58	-49.85	9,825.70	3,614.97	9,186.91	9,069.94	116.97	78.539		
7,800.00	6,188.82	6,226.82	6,226.82	95.91	21.64	-49.76	9,825.70	3,614.97	9,143.37	9,026.06	117.31	77.944		
7,850.00	6,202.89	6,240.89	6,240.89	96.16	21.69	-50.43	9,825.70	3,614.97	9,097.89	8,980.31	117.58	77.376		
7,900.00	6,213.81	6,251.81	6,251.81	96.38	21.73	-52.28	9,825.70	3,614.97	9,050.82	8,933.02	117.80	76.835		
7,950.00	6,221.49	6,259.49	6,259.49	96.55	21.76	-56.38	9,825.70	3,614.97	9,002.49	8,884.54	117.96	76.321		
8,000.00	6,225.88	6,263.88	6,263.88	96.69	21.77	-66.33	9,825.70	3,614.97	8,953.27	8,835.21	118.06	75.834		
8,040.96	6,227.00	6,265.00	6,265.00	96.77	21.77	-90.00	9,825.70	3,614.97	8,912.55	8,794.43	118.12	75.456		
8,100.00	6,227.00	6,265.00	6,265.00	96.88	21.77	-90.00	9,825.70	3,614.97	8,853.69	8,735.52	118.17	74.925		
8,200.00	6,227.00	6,265.00	6,265.00	97.07	21.77	-90.00	9,825.70	3,614.97	8,754.00	8,635.75	118.26	74.026		
8,300.00	6,227.00	6,265.00	6,265.00	97.28	21.77	-90.00	9,825.70	3,614.97	8,654.33	8,535.98	118.35	73.126		
8,400.00	6,227.00	6,265.00	6,265.00	97.49	21.77	-90.00	9,825.70	3,614.97	8,554.65	8,436.21	118.44	72.227		
8,500.00	6,227.00	6,265.00	6,265.00	97.72	21.77	-90.00	9,825.70	3,614.97	8,454.99	8,336.45	118.54	71.327		
8,600.00	6,227.00	6,265.00	6,265.00	97.97	21.77	-90.00	9,825.70	3,614.97	8,355.34	8,236.70	118.64	70.428		
8,700.00	6,227.00	6,265.00	6,265.00	98.23	21.77	-90.00	9,825.70	3,614.97	8,255.69	8,136.95	118.74	69.529		
8,800.00	6,227.00	6,265.00	6,265.00	98.50	21.77	-90.00	9,825.70	3,614.97	8,156.05	8,037.21	118.84	68.629		
8,900.00	6,227.00	6,265.00	6,265.00	98.79	21.77	-90.00	9,825.70	3,614.97	8,056.42	7,937.47	118.95	67.730		
9,000.00	6,227.00	6,265.00	6,265.00	99.09	21.77	-90.00	9,825.70	3,614.97	7,956.80	7,837.74	119.06	66.831		
9,100.00	6,227.00	6,265.00	6,265.00	99.41	21.77	-90.00	9,825.70	3,614.97	7,857.19	7,738.02	119.17	65.932		
9,200.00	6,227.00	6,265.00	6,265.00	99.75	21.77	-90.00	9,825.70	3,614.97	7,757.59	7,638.31	119.29	65.033		
9,300.00	6,227.00	6,265.00	6,265.00	100.10	21.77	-90.00	9,825.70	3,614.97	7,658.00	7,538.60	119.41	64.134		
9,400.00	6,227.00	6,265.00	6,265.00	100.47	21.77	-90.00	9,825.70	3,614.97	7,558.42	7,438.90	119.53	63.235		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - ABND VERT MONAHAN FARR 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-GYRO-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		
9,500.00	6,227.00	6,265.00	6,265.00	100.86	21.77	-90.00	9,825.70	3,614.97	7,458.86	7,339.20	119.66	62.336		
9,600.00	6,227.00	6,265.00	6,265.00	101.26	21.77	-90.00	9,825.70	3,614.97	7,359.30	7,239.52	119.79	61.437		
9,700.00	6,227.00	6,265.00	6,265.00	101.68	21.77	-90.00	9,825.70	3,614.97	7,259.76	7,139.84	119.92	60.539		
9,800.00	6,227.00	6,265.00	6,265.00	102.13	21.77	-90.00	9,825.70	3,614.97	7,160.23	7,040.17	120.06	59.641		
9,900.00	6,227.00	6,265.00	6,265.00	102.59	21.77	-90.00	9,825.70	3,614.97	7,060.71	6,940.51	120.20	58.743		
10,000.00	6,227.00	6,265.00	6,265.00	103.07	21.77	-90.00	9,825.70	3,614.97	6,961.21	6,840.86	120.34	57.845		
10,100.00	6,227.00	6,265.00	6,265.00	103.58	21.77	-90.00	9,825.70	3,614.97	6,861.72	6,741.22	120.49	56.947		
10,200.00	6,227.00	6,265.00	6,265.00	104.10	21.77	-90.00	9,825.70	3,614.97	6,762.24	6,641.59	120.65	56.049		
10,300.00	6,227.00	6,265.00	6,265.00	104.65	21.77	-90.00	9,825.70	3,614.97	6,662.78	6,541.98	120.81	55.152		
10,400.00	6,227.00	6,265.00	6,265.00	105.22	21.77	-90.00	9,825.70	3,614.97	6,563.34	6,442.37	120.97	54.255		
10,500.00	6,227.00	6,265.00	6,265.00	105.82	21.77	-90.00	9,825.70	3,614.97	6,463.92	6,342.77	121.14	53.358		
10,600.00	6,227.00	6,265.00	6,265.00	106.43	21.77	-90.00	9,825.70	3,614.97	6,364.51	6,243.19	121.32	52.461		
10,700.00	6,227.00	6,265.00	6,265.00	107.07	21.77	-90.00	9,825.70	3,614.97	6,265.12	6,143.62	121.50	51.565		
10,800.00	6,227.00	6,265.00	6,265.00	107.74	21.77	-90.00	9,825.70	3,614.97	6,165.75	6,044.07	121.69	50.669		
10,900.00	6,227.00	6,265.00	6,265.00	108.42	21.77	-90.00	9,825.70	3,614.97	6,066.41	5,944.53	121.88	49.774		
11,000.00	6,227.00	6,265.00	6,265.00	109.14	21.77	-90.00	9,825.70	3,614.97	5,967.08	5,845.00	122.08	48.878		
11,100.00	6,227.00	6,265.00	6,265.00	109.87	21.77	-90.00	9,825.70	3,614.97	5,867.78	5,745.49	122.29	47.984		
11,200.00	6,227.00	6,265.00	6,265.00	110.64	21.77	-90.00	9,825.70	3,614.97	5,768.50	5,646.00	122.50	47.089		
11,300.00	6,227.00	6,265.00	6,265.00	111.43	21.77	-90.00	9,825.70	3,614.97	5,669.25	5,546.52	122.72	46.195		
11,400.00	6,227.00	6,265.00	6,265.00	112.24	21.77	-90.00	9,825.70	3,614.97	5,570.02	5,447.06	122.95	45.301		
11,500.00	6,227.00	6,265.00	6,265.00	113.08	21.77	-90.00	9,825.70	3,614.97	5,470.82	5,347.63	123.19	44.408		
11,600.00	6,227.00	6,265.00	6,265.00	113.94	21.77	-90.00	9,825.70	3,614.97	5,371.65	5,248.21	123.44	43.516		
11,700.00	6,227.00	6,265.00	6,265.00	114.83	21.77	-90.00	9,825.70	3,614.97	5,272.52	5,148.82	123.70	42.624		
11,800.00	6,227.00	6,265.00	6,265.00	115.74	21.77	-90.00	9,825.70	3,614.97	5,173.41	5,049.44	123.97	41.732		
11,900.00	6,227.00	6,265.00	6,265.00	116.68	21.77	-90.00	9,825.70	3,614.97	5,074.34	4,950.10	124.25	40.841		
12,000.00	6,227.00	6,265.00	6,265.00	117.64	21.77	-90.00	9,825.70	3,614.97	4,975.31	4,850.77	124.54	39.951		
12,100.00	6,227.00	6,265.00	6,265.00	118.63	21.77	-90.00	9,825.70	3,614.97	4,876.32	4,751.48	124.84	39.061		
12,200.00	6,227.00	6,265.00	6,265.00	119.64	21.77	-90.00	9,825.70	3,614.97	4,777.37	4,652.22	125.15	38.172		
12,300.00	6,227.00	6,265.00	6,265.00	120.68	21.77	-90.00	9,825.70	3,614.97	4,678.46	4,552.98	125.48	37.284		
12,400.00	6,227.00	6,265.00	6,265.00	121.74	21.77	-90.00	9,825.70	3,614.97	4,579.61	4,453.78	125.82	36.397		
12,500.00	6,227.00	6,265.00	6,265.00	122.82	21.77	-90.00	9,825.70	3,614.97	4,480.80	4,354.62	126.18	35.511		
12,600.00	6,227.00	6,265.00	6,265.00	123.92	21.77	-90.00	9,825.70	3,614.97	4,382.04	4,255.49	126.56	34.625		
12,700.00	6,227.00	6,265.00	6,265.00	125.04	21.77	-90.00	9,825.70	3,614.97	4,283.35	4,156.40	126.95	33.741		
12,800.00	6,227.00	6,265.00	6,265.00	126.19	21.77	-90.00	9,825.70	3,614.97	4,184.72	4,057.36	127.36	32.857		
12,900.00	6,227.00	6,265.00	6,265.00	127.35	21.77	-90.00	9,825.70	3,614.97	4,086.15	3,958.36	127.79	31.975		
13,000.00	6,227.00	6,265.00	6,265.00	128.54	21.77	-90.00	9,825.70	3,614.97	3,987.65	3,859.41	128.25	31.094		
13,100.00	6,227.00	6,265.00	6,265.00	129.74	21.77	-90.00	9,825.70	3,614.97	3,889.23	3,760.51	128.72	30.214		
13,200.00	6,227.00	6,265.00	6,265.00	130.97	21.77	-90.00	9,825.70	3,614.97	3,790.90	3,661.68	129.22	29.336		
13,300.00	6,227.00	6,265.00	6,265.00	132.21	21.77	-90.00	9,825.70	3,614.97	3,692.65	3,562.90	129.75	28.459		
13,400.00	6,227.00	6,265.00	6,265.00	133.47	21.77	-90.00	9,825.70	3,614.97	3,594.50	3,464.19	130.31	27.584		
13,500.00	6,227.00	6,265.00	6,265.00	134.74	21.77	-90.00	9,825.70	3,614.97	3,496.46	3,365.56	130.90	26.711		
13,600.00	6,227.00	6,265.00	6,265.00	136.03	21.77	-90.00	9,825.70	3,614.97	3,398.53	3,267.00	131.53	25.839		
13,700.00	6,227.00	6,265.00	6,265.00	137.34	21.77	-90.00	9,825.70	3,614.97	3,300.72	3,168.53	132.19	24.970		
13,800.00	6,227.00	6,265.00	6,265.00	138.67	21.77	-90.00	9,825.70	3,614.97	3,203.05	3,070.16	132.89	24.103		
13,900.00	6,227.00	6,265.00	6,265.00	140.00	21.77	-90.00	9,825.70	3,614.97	3,105.52	2,971.88	133.64	23.238		
14,000.00	6,227.00	6,265.00	6,265.00	141.36	21.77	-90.00	9,825.70	3,614.97	3,008.16	2,873.73	134.44	22.376		
14,100.00	6,227.00	6,265.00	6,265.00	142.72	21.77	-90.00	9,825.70	3,614.97	2,910.98	2,775.70	135.29	21.517		
14,200.00	6,227.00	6,265.00	6,265.00	144.10	21.77	-90.00	9,825.70	3,614.97	2,814.00	2,677.80	136.19	20.662		
14,300.00	6,227.00	6,265.00	6,265.00	145.49	21.77	-90.00	9,825.70	3,614.97	2,717.23	2,580.06	137.17	19.809		
14,400.00	6,227.00	6,265.00	6,265.00	146.90	21.77	-90.00	9,825.70	3,614.97	2,620.71	2,482.50	138.21	18.961		
14,500.00	6,227.00	6,265.00	6,265.00	148.31	21.77	-90.00	9,825.70	3,614.97	2,524.46	2,385.12	139.34	18.118		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - ABND VERT MONAHAN FARR 1 - OWB - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-GYRO-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	
14,600.00	6,227.00	6,265.00	6,265.00	149.74	21.77	-90.00	9,825.70	3,614.97	2,428.51	2,287.96	140.55	17.279	
14,700.00	6,227.00	6,265.00	6,265.00	151.18	21.77	-90.00	9,825.70	3,614.97	2,332.90	2,191.04	141.86	16.446	
14,800.00	6,227.00	6,265.00	6,265.00	152.62	21.77	-90.00	9,825.70	3,614.97	2,237.67	2,094.40	143.27	15.618	
14,900.00	6,227.00	6,265.00	6,265.00	154.08	21.77	-90.00	9,825.70	3,614.97	2,142.88	1,998.07	144.81	14.798	
15,000.00	6,227.00	6,265.00	6,265.00	155.55	21.77	-90.00	9,825.70	3,614.97	2,048.59	1,902.10	146.48	13.985	
15,100.00	6,227.00	6,265.00	6,265.00	157.03	21.77	-90.00	9,825.70	3,614.97	1,954.86	1,806.55	148.31	13.181	
15,200.00	6,227.00	6,265.00	6,265.00	158.51	21.77	-90.00	9,825.70	3,614.97	1,861.79	1,711.48	150.30	12.387	
15,300.00	6,227.00	6,265.00	6,265.00	160.01	21.77	-90.00	9,825.70	3,614.97	1,769.47	1,616.98	152.48	11.604	
15,400.00	6,227.00	6,265.00	6,265.00	161.51	21.77	-90.00	9,825.70	3,614.97	1,678.03	1,523.15	154.88	10.834	
15,500.00	6,227.00	6,265.00	6,265.00	163.02	21.77	-90.00	9,825.70	3,614.97	1,587.62	1,430.11	157.52	10.079	
15,600.00	6,227.00	6,265.00	6,265.00	164.54	21.77	-90.00	9,825.70	3,614.97	1,498.44	1,338.02	160.42	9.341	
15,700.00	6,227.00	6,265.00	6,265.00	166.06	21.77	-90.00	9,825.70	3,614.97	1,410.70	1,247.09	163.61	8.622	
15,800.00	6,227.00	6,265.00	6,265.00	167.59	21.77	-90.00	9,825.70	3,614.97	1,324.71	1,157.59	167.12	7.927	
15,900.00	6,227.00	6,265.00	6,265.00	169.13	21.77	-90.00	9,825.70	3,614.97	1,240.81	1,069.85	170.96	7.258	
16,000.00	6,227.00	6,265.00	6,265.00	170.68	21.77	-90.00	9,825.70	3,614.97	1,159.47	984.32	175.15	6.620	
16,100.00	6,227.00	6,265.00	6,265.00	172.23	21.77	-90.00	9,825.70	3,614.97	1,081.27	901.61	179.66	6.018	
16,200.00	6,227.00	6,265.00	6,265.00	173.78	21.77	-90.00	9,825.70	3,614.97	1,006.93	822.50	184.43	5.460	
16,300.00	6,227.00	6,265.00	6,265.00	175.35	21.77	-90.00	9,825.70	3,614.97	937.38	748.05	189.33	4.951	
16,400.00	6,227.00	6,265.00	6,265.00	176.92	21.77	-90.00	9,825.70	3,614.97	873.75	679.65	194.10	4.501	
16,500.00	6,227.00	6,265.00	6,265.00	178.49	21.77	-90.00	9,825.70	3,614.97	817.44	619.07	198.37	4.121	
16,600.00	6,227.00	6,265.00	6,265.00	180.07	21.77	-90.00	9,825.70	3,614.97	770.05	568.48	201.57	3.820	
16,700.00	6,227.00	6,265.00	6,265.00	181.65	21.77	-90.00	9,825.70	3,614.97	733.31	530.32	202.99	3.612	
16,800.00	6,227.00	6,265.00	6,265.00	183.24	21.77	-90.00	9,825.70	3,614.97	708.88	506.92	201.96	3.510 SF	
16,900.00	6,227.00	6,265.00	6,265.00	184.84	21.77	-90.00	9,825.70	3,614.97	698.05	500.05	198.00	3.525 ES	
16,926.17	6,227.00	6,265.00	6,265.00	185.25	21.77	-90.00	9,825.70	3,614.97	697.56	501.09	196.47	3.550 CC	
17,000.00	6,227.00	6,265.00	6,265.00	186.43	21.77	-90.00	9,825.70	3,614.97	701.46	510.31	191.15	3.670	
17,100.00	6,227.00	6,265.00	6,265.00	188.04	21.77	-90.00	9,825.70	3,614.97	718.90	536.94	181.96	3.951	
17,200.00	6,227.00	6,265.00	6,265.00	189.64	21.77	-90.00	9,825.70	3,614.97	749.39	578.00	171.39	4.372	
17,300.00	6,227.00	6,265.00	6,265.00	191.25	21.77	-90.00	9,825.70	3,614.97	791.42	630.97	160.45	4.933	
17,400.00	6,227.00	6,265.00	6,265.00	192.87	21.77	-90.00	9,825.70	3,614.97	843.27	693.32	149.95	5.624	
17,500.00	6,227.00	6,265.00	6,265.00	194.48	21.77	-90.00	9,825.70	3,614.97	903.26	762.83	140.42	6.432	
17,600.00	6,227.00	6,265.00	6,265.00	196.11	21.77	-90.00	9,825.70	3,614.97	969.87	837.75	132.12	7.341	
17,677.76	6,227.00	6,265.00	6,265.00	197.37	21.77	-90.00	9,825.70	3,614.97	1,025.42	898.87	126.55	8.103	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - ABND VERT MONAHAN FEDERAL 24 (GYRO) - OWB - GYRO												Offset Site Error:	0.00 usft
Survey Program: 100-GYRO-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
2,400.00	2,170.44	2,242.96	2,242.81	19.17	7.69	-77.12	9,882.90	2,867.57	10,006.05	9,979.77	26.28	380.799	
2,500.00	2,246.76	2,300.00	2,299.84	20.60	7.89	-77.33	9,882.79	2,867.05	9,987.16	9,959.28	27.87	358.294	
2,600.00	2,323.08	2,392.73	2,392.57	22.03	8.21	-77.68	9,882.66	2,865.95	9,968.68	9,939.07	29.60	336.724	
2,700.00	2,399.41	2,452.18	2,452.01	23.47	8.42	-77.90	9,882.57	2,865.14	9,950.55	9,919.32	31.23	318.615	
2,800.00	2,475.73	2,512.14	2,511.96	24.91	8.63	-78.12	9,882.59	2,864.37	9,932.97	9,900.11	32.87	302.224	
2,900.00	2,552.05	2,592.19	2,592.01	26.36	8.91	-78.43	9,882.62	2,863.53	9,915.83	9,881.25	34.58	286.769	
3,000.00	2,628.38	2,652.31	2,652.13	27.80	9.12	-78.65	9,882.64	2,863.00	9,899.12	9,862.89	36.23	273.251	
3,100.00	2,704.70	2,716.48	2,716.30	29.25	9.34	-78.89	9,882.80	2,862.35	9,882.94	9,845.04	37.90	260.787	
3,200.00	2,781.02	2,810.73	2,810.55	30.71	9.67	-79.25	9,882.94	2,861.64	9,867.12	9,827.45	39.67	248.705	
3,300.00	2,857.35	2,872.17	2,871.98	32.16	9.88	-79.48	9,883.04	2,861.13	9,851.71	9,810.37	41.34	238.283	
3,400.00	2,933.67	2,956.53	2,956.34	33.62	10.18	-79.80	9,883.23	2,860.24	9,836.75	9,793.65	43.10	228.240	
3,500.00	3,009.99	3,039.34	3,039.14	35.07	10.47	-80.11	9,883.27	2,859.58	9,822.08	9,777.22	44.85	218.995	
3,600.00	3,086.31	3,100.00	3,099.80	36.53	10.68	-80.34	9,883.31	2,859.14	9,807.84	9,761.31	46.53	210.778	
3,700.00	3,162.64	3,164.06	3,163.86	37.99	10.90	-80.58	9,883.42	2,858.78	9,794.13	9,745.90	48.23	203.084	
3,800.00	3,238.96	3,224.54	3,224.34	39.45	11.11	-80.81	9,883.64	2,858.58	9,780.97	9,731.06	49.91	195.960	
3,900.00	3,315.28	3,291.47	3,291.27	40.91	11.35	-81.07	9,883.93	2,858.56	9,768.31	9,716.69	51.62	189.221	
4,000.00	3,391.61	3,403.59	3,403.39	42.37	11.74	-81.49	9,884.26	2,858.82	9,755.99	9,702.50	53.49	182.385	
4,100.00	3,467.93	3,486.49	3,486.28	43.84	12.02	-81.80	9,884.32	2,859.04	9,743.89	9,688.63	55.26	176.321	
4,200.00	3,544.25	3,546.77	3,546.57	45.30	12.23	-82.03	9,884.36	2,859.20	9,732.22	9,675.26	56.96	170.864	
4,300.00	3,620.58	3,603.38	3,603.18	46.76	12.43	-82.24	9,884.53	2,859.43	9,721.12	9,662.48	58.64	165.763	
4,400.00	3,696.90	3,674.73	3,674.53	48.23	12.68	-82.51	9,884.83	2,859.62	9,710.54	9,650.15	60.38	160.818	
4,500.00	3,773.22	3,781.52	3,781.31	49.69	13.05	-82.92	9,885.21	2,859.68	9,700.32	9,638.07	62.24	155.847	
4,600.00	3,849.55	3,848.19	3,847.99	51.16	13.28	-83.17	9,885.30	2,859.78	9,690.35	9,626.38	63.97	151.489	
4,700.00	3,925.87	3,906.30	3,906.09	52.62	13.48	-83.39	9,885.50	2,859.86	9,680.95	9,615.29	65.66	147.431	
4,800.00	4,002.19	3,983.17	3,982.96	54.09	13.75	-83.69	9,885.84	2,860.00	9,672.04	9,604.62	67.43	143.446	
4,900.00	4,078.51	4,064.56	4,064.36	55.56	14.03	-84.00	9,886.17	2,860.21	9,663.54	9,594.33	69.20	139.637	
5,000.00	4,154.84	4,152.05	4,151.84	57.02	14.33	-84.33	9,886.45	2,860.42	9,655.39	9,584.39	71.00	135.983	
5,100.00	4,231.16	4,232.62	4,232.41	58.49	14.61	-84.64	9,886.63	2,860.36	9,647.58	9,574.80	72.78	132.556	
5,200.00	4,307.48	4,300.00	4,299.79	59.96	14.85	-84.90	9,886.80	2,860.48	9,640.23	9,565.72	74.51	129.377	
5,300.00	4,383.81	4,352.03	4,351.82	61.43	15.03	-85.10	9,887.03	2,860.55	9,633.44	9,557.25	76.19	126.438	
5,400.00	4,460.13	4,438.82	4,438.60	62.89	15.33	-85.43	9,887.62	2,860.40	9,627.28	9,549.29	77.99	123.444	
5,500.00	4,536.45	4,534.95	4,534.74	64.36	15.67	-85.79	9,887.74	2,861.53	9,621.07	9,541.25	79.82	120.537	
5,600.00	4,612.78	4,572.11	4,571.89	65.83	15.80	-85.94	9,887.91	2,861.86	9,615.58	9,534.14	81.44	118.063	
5,700.00	4,689.10	4,624.32	4,624.10	67.30	15.98	-86.14	9,888.37	2,862.02	9,610.82	9,527.70	83.12	115.625	
5,800.00	4,765.42	4,726.50	4,726.27	68.77	16.33	-86.53	9,889.18	2,862.39	9,606.44	9,521.47	84.97	113.058	
5,900.00	4,841.75	4,870.81	4,870.58	70.24	16.84	-87.08	9,889.57	2,863.94	9,602.03	9,515.07	86.96	110.418	
6,000.00	4,918.07	4,941.19	4,940.95	71.70	17.08	-87.34	9,889.46	2,864.67	9,597.76	9,509.07	88.70	108.209	
6,100.00	4,994.39	5,000.00	4,999.76	73.17	17.29	-87.57	9,889.69	2,864.70	9,594.31	9,503.91	90.39	106.142	
6,200.00	5,070.72	5,148.38	5,148.14	74.64	17.80	-88.14	9,889.38	2,864.60	9,590.87	9,498.48	92.39	103.808	
6,300.00	5,147.04	5,209.02	5,208.77	76.11	18.02	-88.38	9,889.12	2,865.07	9,587.68	9,493.59	94.09	101.901	
6,400.00	5,223.36	5,311.84	5,311.59	77.58	18.38	-88.77	9,888.59	2,865.47	9,584.87	9,488.94	95.93	99.918	
6,500.00	5,299.68	5,399.68	5,399.43	79.05	18.68	-89.11	9,887.85	2,865.29	9,582.26	9,484.55	97.71	98.066	
6,600.00	5,376.01	5,438.77	5,438.51	80.52	18.82	-89.26	9,887.57	2,865.09	9,580.24	9,480.91	99.33	96.448	
6,700.00	5,452.33	5,471.06	5,470.81	81.99	18.93	-89.39	9,887.49	2,864.84	9,579.00	9,478.08	100.92	94.916	
6,800.00	5,528.65	5,500.00	5,499.74	83.46	19.03	-89.50	9,887.54	2,864.55	9,578.56	9,476.07	102.49	93.456	
6,804.45	5,532.05	5,500.00	5,499.74	83.53	19.03	-89.50	9,887.54	2,864.55	9,578.56	9,476.00	102.56	93.396	
6,900.00	5,604.98	5,554.23	5,553.97	84.93	19.22	-89.71	9,887.84	2,864.08	9,578.82	9,474.67	104.15	91.972	
7,000.00	5,681.30	5,608.30	5,608.03	86.40	19.41	-89.92	9,888.32	2,863.89	9,579.74	9,473.94	105.80	90.545	
7,100.00	5,757.62	5,730.67	5,730.40	87.87	19.84	-90.40	9,889.17	2,862.44	9,581.04	9,473.35	107.69	88.968	
7,176.71	5,816.17	5,823.30	5,823.01	89.00	20.16	-90.77	9,889.18	2,860.67	9,581.94	9,472.81	109.13	87.802	
7,200.00	5,833.92	5,834.01	5,833.72	89.34	20.20	-88.09	9,889.19	2,860.48	9,581.81	9,472.30	109.51	87.499	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - ABND VERT MONAHAN FEDERAL 24 (GYRO) - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYRO-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		
7,250.00	5,871.73	5,856.91	5,856.62	90.07	20.28	-82.51	9,889.22	2,860.13	9,578.46	9,468.14	110.31	86.832		
7,300.00	5,908.91	5,879.56	5,879.26	90.78	20.36	-77.31	9,889.29	2,859.84	9,570.96	9,459.86	111.10	86.147		
7,350.00	5,945.18	5,903.37	5,903.07	91.48	20.44	-72.59	9,889.41	2,859.59	9,559.36	9,447.49	111.87	85.447		
7,400.00	5,980.26	5,944.33	5,944.02	92.14	20.59	-68.47	9,889.63	2,859.21	9,543.71	9,431.03	112.68	84.696		
7,450.00	6,013.88	5,983.63	5,983.32	92.77	20.72	-64.92	9,889.82	2,858.88	9,524.09	9,410.63	113.45	83.949		
7,500.00	6,045.79	6,014.94	6,014.64	93.36	20.83	-61.89	9,889.97	2,858.64	9,500.64	9,386.48	114.15	83.227		
7,550.00	6,075.75	6,039.98	6,039.67	93.90	20.92	-59.40	9,890.09	2,858.45	9,473.56	9,358.77	114.79	82.529		
7,600.00	6,103.52	6,063.26	6,062.95	94.40	21.00	-57.44	9,890.22	2,858.29	9,443.05	9,327.68	115.38	81.846		
7,650.00	6,128.89	6,084.60	6,084.30	94.85	21.08	-56.02	9,890.35	2,858.15	9,409.33	9,293.43	115.91	81.181		
7,700.00	6,151.68	6,100.00	6,099.69	95.25	21.13	-55.13	9,890.45	2,858.06	9,372.63	9,256.27	116.37	80.545		
7,750.00	6,171.71	6,100.00	6,099.69	95.60	21.13	-54.72	9,890.45	2,858.06	9,333.25	9,216.53	116.72	79.962		
7,800.00	6,188.82	6,100.00	6,099.69	95.91	21.13	-54.99	9,890.45	2,858.06	9,291.45	9,174.43	117.03	79.396		
7,850.00	6,202.89	6,100.00	6,099.69	96.16	21.13	-56.13	9,890.45	2,858.06	9,247.55	9,130.26	117.28	78.847		
7,900.00	6,213.81	6,100.00	6,099.69	96.38	21.13	-58.50	9,890.45	2,858.06	9,201.83	9,084.33	117.50	78.316		
7,950.00	6,221.49	6,100.00	6,099.69	96.55	21.13	-62.90	9,890.45	2,858.06	9,154.62	9,036.95	117.67	77.802		
8,000.00	6,225.88	6,100.00	6,099.69	96.69	21.13	-71.19	9,890.45	2,858.06	9,106.26	8,988.47	117.80	77.305		
8,040.96	6,227.00	6,100.00	6,099.69	96.77	21.13	-84.10	9,890.45	2,858.06	9,066.04	8,948.17	117.88	76.912		
8,100.00	6,227.00	6,100.00	6,099.69	96.88	21.13	-84.10	9,890.45	2,858.06	9,007.78	8,889.81	117.97	76.355		
8,200.00	6,227.00	6,100.00	6,099.69	97.07	21.13	-84.10	9,890.45	2,858.06	8,909.12	8,790.98	118.14	75.412		
8,300.00	6,227.00	6,100.00	6,099.69	97.28	21.13	-84.10	9,890.45	2,858.06	8,810.49	8,692.18	118.31	74.469		
8,400.00	6,227.00	6,100.00	6,099.69	97.49	21.13	-84.10	9,890.45	2,858.06	8,711.90	8,593.41	118.49	73.526		
8,500.00	6,227.00	6,100.00	6,099.69	97.72	21.13	-84.10	9,890.45	2,858.06	8,613.33	8,494.66	118.67	72.583		
8,600.00	6,227.00	6,100.00	6,099.69	97.97	21.13	-84.10	9,890.45	2,858.06	8,514.80	8,395.95	118.85	71.641		
8,700.00	6,227.00	6,100.00	6,099.69	98.23	21.13	-84.10	9,890.45	2,858.06	8,416.30	8,297.26	119.04	70.699		
8,800.00	6,227.00	6,100.00	6,099.69	98.50	21.13	-84.10	9,890.45	2,858.06	8,317.84	8,198.60	119.24	69.758		
8,900.00	6,227.00	6,100.00	6,099.69	98.79	21.13	-84.10	9,890.45	2,858.06	8,219.42	8,099.98	119.44	68.816		
9,000.00	6,227.00	6,100.00	6,099.69	99.09	21.13	-84.10	9,890.45	2,858.06	8,121.03	8,001.39	119.65	67.876		
9,100.00	6,227.00	6,100.00	6,099.69	99.41	21.13	-84.10	9,890.45	2,858.06	8,022.69	7,902.83	119.86	66.935		
9,200.00	6,227.00	6,100.00	6,099.69	99.75	21.13	-84.10	9,890.45	2,858.06	7,924.39	7,804.31	120.07	65.996		
9,300.00	6,227.00	6,100.00	6,099.69	100.10	21.13	-84.10	9,890.45	2,858.06	7,826.12	7,705.83	120.30	65.056		
9,400.00	6,227.00	6,100.00	6,099.69	100.47	21.13	-84.10	9,890.45	2,858.06	7,727.91	7,607.38	120.53	64.117		
9,500.00	6,227.00	6,100.00	6,099.69	100.86	21.13	-84.10	9,890.45	2,858.06	7,629.74	7,508.98	120.76	63.179		
9,600.00	6,227.00	6,100.00	6,099.69	101.26	21.13	-84.10	9,890.45	2,858.06	7,531.62	7,410.61	121.01	62.242		
9,700.00	6,227.00	6,100.00	6,099.69	101.68	21.13	-84.10	9,890.45	2,858.06	7,433.55	7,312.29	121.26	61.304		
9,800.00	6,227.00	6,100.00	6,099.69	102.13	21.13	-84.10	9,890.45	2,858.06	7,335.53	7,214.01	121.51	60.368		
9,900.00	6,227.00	6,100.00	6,099.69	102.59	21.13	-84.10	9,890.45	2,858.06	7,237.56	7,115.78	121.78	59.432		
10,000.00	6,227.00	6,100.00	6,099.69	103.07	21.13	-84.10	9,890.45	2,858.06	7,139.65	7,017.60	122.05	58.497		
10,100.00	6,227.00	6,100.00	6,099.69	103.58	21.13	-84.10	9,890.45	2,858.06	7,041.80	6,919.47	122.33	57.563		
10,200.00	6,227.00	6,100.00	6,099.69	104.10	21.13	-84.10	9,890.45	2,858.06	6,944.01	6,821.39	122.62	56.630		
10,300.00	6,227.00	6,100.00	6,099.69	104.65	21.13	-84.10	9,890.45	2,858.06	6,846.29	6,723.37	122.92	55.697		
10,400.00	6,227.00	6,100.00	6,099.69	105.22	21.13	-84.10	9,890.45	2,858.06	6,748.63	6,625.41	123.23	54.766		
10,500.00	6,227.00	6,100.00	6,099.69	105.82	21.13	-84.10	9,890.45	2,858.06	6,651.04	6,527.50	123.54	53.835		
10,600.00	6,227.00	6,100.00	6,099.69	106.43	21.13	-84.10	9,890.45	2,858.06	6,553.53	6,429.66	123.87	52.906		
10,700.00	6,227.00	6,100.00	6,099.69	107.07	21.13	-84.10	9,890.45	2,858.06	6,456.09	6,331.88	124.21	51.977		
10,800.00	6,227.00	6,100.00	6,099.69	107.74	21.13	-84.10	9,890.45	2,858.06	6,358.73	6,234.17	124.56	51.050		
10,900.00	6,227.00	6,100.00	6,099.69	108.42	21.13	-84.10	9,890.45	2,858.06	6,261.45	6,136.53	124.92	50.124		
11,000.00	6,227.00	6,100.00	6,099.69	109.14	21.13	-84.10	9,890.45	2,858.06	6,164.26	6,038.97	125.29	49.199		
11,100.00	6,227.00	6,100.00	6,099.69	109.87	21.13	-84.10	9,890.45	2,858.06	6,067.16	5,941.48	125.68	48.275		
11,200.00	6,227.00	6,100.00	6,099.69	110.64	21.13	-84.10	9,890.45	2,858.06	5,970.16	5,844.08	126.08	47.353		
11,300.00	6,227.00	6,100.00	6,099.69	111.43	21.13	-84.10	9,890.45	2,858.06	5,873.26	5,746.77	126.49	46.432		
11,400.00	6,227.00	6,100.00	6,099.69	112.24	21.13	-84.10	9,890.45	2,858.06	5,776.46	5,649.54	126.92	45.513		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - ABND VERT MONAHAN FEDERAL 24 (GYRO) - OWB - GYRO													Offset Site Error: 0.00 usft	
Survey Program: 100-GYRO-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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,500.00	6,227.00	6,100.00	6,099.69	113.08	21.13	-84.10	9,890.45	2,858.06	5,679.77	5,552.41	127.36	44.596		
11,600.00	6,227.00	6,100.00	6,099.69	113.94	21.13	-84.10	9,890.45	2,858.06	5,583.21	5,455.39	127.82	43.680		
11,700.00	6,227.00	6,100.00	6,099.69	114.83	21.13	-84.10	9,890.45	2,858.06	5,486.76	5,358.46	128.30	42.766		
11,800.00	6,227.00	6,100.00	6,099.69	115.74	21.13	-84.10	9,890.45	2,858.06	5,390.44	5,261.65	128.79	41.855		
11,900.00	6,227.00	6,100.00	6,099.69	116.68	21.13	-84.10	9,890.45	2,858.06	5,294.26	5,164.96	129.30	40.945		
12,000.00	6,227.00	6,100.00	6,099.69	117.64	21.13	-84.10	9,890.45	2,858.06	5,198.23	5,068.39	129.83	40.037		
12,100.00	6,227.00	6,100.00	6,099.69	118.63	21.13	-84.10	9,890.45	2,858.06	5,102.34	4,971.96	130.39	39.132		
12,200.00	6,227.00	6,100.00	6,099.69	119.64	21.13	-84.10	9,890.45	2,858.06	5,006.62	4,875.66	130.96	38.229		
12,300.00	6,227.00	6,100.00	6,099.69	120.68	21.13	-84.10	9,890.45	2,858.06	4,911.07	4,779.51	131.56	37.329		
12,400.00	6,227.00	6,100.00	6,099.69	121.74	21.13	-84.10	9,890.45	2,858.06	4,815.70	4,683.52	132.18	36.432		
12,500.00	6,227.00	6,100.00	6,099.69	122.82	21.13	-84.10	9,890.45	2,858.06	4,720.52	4,587.69	132.83	35.538		
12,600.00	6,227.00	6,100.00	6,099.69	123.92	21.13	-84.10	9,890.45	2,858.06	4,625.54	4,492.04	133.51	34.647		
12,700.00	6,227.00	6,100.00	6,099.69	125.04	21.13	-84.10	9,890.45	2,858.06	4,530.78	4,396.57	134.21	33.759		
12,800.00	6,227.00	6,100.00	6,099.69	126.19	21.13	-84.10	9,890.45	2,858.06	4,436.25	4,301.31	134.94	32.875		
12,900.00	6,227.00	6,100.00	6,099.69	127.35	21.13	-84.10	9,890.45	2,858.06	4,341.97	4,206.26	135.71	31.994		
13,000.00	6,227.00	6,100.00	6,099.69	128.54	21.13	-84.10	9,890.45	2,858.06	4,247.94	4,111.43	136.51	31.118		
13,100.00	6,227.00	6,100.00	6,099.69	129.74	21.13	-84.10	9,890.45	2,858.06	4,154.20	4,016.85	137.35	30.246		
13,200.00	6,227.00	6,100.00	6,099.69	130.97	21.13	-84.10	9,890.45	2,858.06	4,060.75	3,922.53	138.22	29.378		
13,300.00	6,227.00	6,100.00	6,099.69	132.21	21.13	-84.10	9,890.45	2,858.06	3,967.63	3,828.49	139.14	28.516		
13,400.00	6,227.00	6,100.00	6,099.69	133.47	21.13	-84.10	9,890.45	2,858.06	3,874.84	3,734.75	140.10	27.658		
13,500.00	6,227.00	6,100.00	6,099.69	134.74	21.13	-84.10	9,890.45	2,858.06	3,782.43	3,641.33	141.10	26.807		
13,600.00	6,227.00	6,100.00	6,099.69	136.03	21.13	-84.10	9,890.45	2,858.06	3,690.41	3,548.25	142.15	25.961		
13,700.00	6,227.00	6,100.00	6,099.69	137.34	21.13	-84.10	9,890.45	2,858.06	3,598.81	3,455.56	143.26	25.122		
13,800.00	6,227.00	6,100.00	6,099.69	138.67	21.13	-84.10	9,890.45	2,858.06	3,507.68	3,363.26	144.41	24.289		
13,900.00	6,227.00	6,100.00	6,099.69	140.00	21.13	-84.10	9,890.45	2,858.06	3,417.04	3,271.41	145.63	23.464		
14,000.00	6,227.00	6,100.00	6,099.69	141.36	21.13	-84.10	9,890.45	2,858.06	3,326.93	3,180.03	146.90	22.647		
14,100.00	6,227.00	6,100.00	6,099.69	142.72	21.13	-84.10	9,890.45	2,858.06	3,237.41	3,089.17	148.24	21.839		
14,200.00	6,227.00	6,100.00	6,099.69	144.10	21.13	-84.10	9,890.45	2,858.06	3,148.52	2,998.87	149.65	21.039		
14,300.00	6,227.00	6,100.00	6,099.69	145.49	21.13	-84.10	9,890.45	2,858.06	3,060.31	2,909.19	151.13	20.250		
14,400.00	6,227.00	6,100.00	6,099.69	146.90	21.13	-84.10	9,890.45	2,858.06	2,972.86	2,820.17	152.68	19.471		
14,500.00	6,227.00	6,100.00	6,099.69	148.31	21.13	-84.10	9,890.45	2,858.06	2,886.21	2,731.90	154.32	18.703		
14,600.00	6,227.00	6,100.00	6,099.69	149.74	21.13	-84.10	9,890.45	2,858.06	2,800.46	2,644.43	156.03	17.948		
14,700.00	6,227.00	6,100.00	6,099.69	151.18	21.13	-84.10	9,890.45	2,858.06	2,715.68	2,557.85	157.83	17.206		
14,800.00	6,227.00	6,100.00	6,099.69	152.62	21.13	-84.10	9,890.45	2,858.06	2,631.97	2,472.25	159.72	16.479		
14,900.00	6,227.00	6,100.00	6,099.69	154.08	21.13	-84.10	9,890.45	2,858.06	2,549.43	2,387.73	161.70	15.766		
15,000.00	6,227.00	6,100.00	6,099.69	155.55	21.13	-84.10	9,890.45	2,858.06	2,468.19	2,304.41	163.77	15.071		
15,100.00	6,227.00	6,100.00	6,099.69	157.03	21.13	-84.10	9,890.45	2,858.06	2,388.37	2,222.43	165.94	14.393		
15,200.00	6,227.00	6,100.00	6,099.69	158.51	21.13	-84.10	9,890.45	2,858.06	2,310.12	2,141.92	168.19	13.735		
15,300.00	6,227.00	6,100.00	6,099.69	160.01	21.13	-84.10	9,890.45	2,858.06	2,233.60	2,063.07	170.53	13.098		
15,400.00	6,227.00	6,100.00	6,099.69	161.51	21.13	-84.10	9,890.45	2,858.06	2,159.01	1,986.06	172.96	12.483		
15,500.00	6,227.00	6,100.00	6,099.69	163.02	21.13	-84.10	9,890.45	2,858.06	2,086.55	1,911.10	175.45	11.893		
15,600.00	6,227.00	6,100.00	6,099.69	164.54	21.13	-84.10	9,890.45	2,858.06	2,016.44	1,838.45	177.99	11.329		
15,700.00	6,227.00	6,100.00	6,099.69	166.06	21.13	-84.10	9,890.45	2,858.06	1,948.94	1,768.37	180.57	10.793		
15,800.00	6,227.00	6,100.00	6,099.69	167.59	21.13	-84.10	9,890.45	2,858.06	1,884.33	1,701.18	183.15	10.288		
15,900.00	6,227.00	6,100.00	6,099.69	169.13	21.13	-84.10	9,890.45	2,858.06	1,822.93	1,637.21	185.71	9.816		
16,000.00	6,227.00	6,100.00	6,099.69	170.68	21.13	-84.10	9,890.45	2,858.06	1,765.05	1,576.86	188.19	9.379		
16,100.00	6,227.00	6,100.00	6,099.69	172.23	21.13	-84.10	9,890.45	2,858.06	1,711.07	1,520.52	190.55	8.980		
16,200.00	6,227.00	6,100.00	6,099.69	173.78	21.13	-84.10	9,890.45	2,858.06	1,661.35	1,468.64	192.72	8.621		
16,300.00	6,227.00	6,100.00	6,099.69	175.35	21.13	-84.10	9,890.45	2,858.06	1,616.31	1,421.68	194.62	8.305		
16,400.00	6,227.00	6,100.00	6,099.69	176.92	21.13	-84.10	9,890.45	2,858.06	1,576.32	1,380.13	196.19	8.035		
16,500.00	6,227.00	6,100.00	6,099.69	178.49	21.13	-84.10	9,890.45	2,858.06	1,541.80	1,344.46	197.34	7.813		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - ABND VERT MONAHAN FEDERAL 24 (GYRO) - OWB - GYRO												Offset Site Error:	0.00 usft
Survey Program: 100-GYRO-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	
16,600.00	6,227.00	6,100.00	6,099.69	180.07	21.13	-84.10	9,890.45	2,858.06	1,513.10	1,315.11	197.99	7.642	
16,700.00	6,227.00	6,100.00	6,099.69	181.65	21.13	-84.10	9,890.45	2,858.06	1,490.58	1,292.51	198.07	7.525	
16,800.00	6,227.00	6,100.00	6,099.69	183.24	21.13	-84.10	9,890.45	2,858.06	1,474.51	1,276.97	197.53	7.465	
16,900.00	6,227.00	6,100.00	6,099.69	184.84	21.13	-84.10	9,890.45	2,858.06	1,465.10	1,268.76	196.34	7.462 SF	
16,988.27	6,227.00	6,100.00	6,099.69	186.25	21.13	-84.10	9,890.45	2,858.06	1,462.44	1,267.70	194.74	7.510 CC, ES	
17,000.00	6,227.00	6,100.00	6,099.69	186.43	21.13	-84.10	9,890.45	2,858.06	1,462.49	1,268.00	194.49	7.520	
17,100.00	6,227.00	6,100.00	6,099.69	188.04	21.13	-84.10	9,890.45	2,858.06	1,466.70	1,274.70	192.00	7.639	
17,200.00	6,227.00	6,100.00	6,099.69	189.64	21.13	-84.10	9,890.45	2,858.06	1,477.69	1,288.75	188.93	7.821	
17,300.00	6,227.00	6,100.00	6,099.69	191.25	21.13	-84.10	9,890.45	2,858.06	1,495.29	1,309.93	185.36	8.067	
17,400.00	6,227.00	6,100.00	6,099.69	192.87	21.13	-84.10	9,890.45	2,858.06	1,519.29	1,337.91	181.38	8.376	
17,500.00	6,227.00	6,100.00	6,099.69	194.48	21.13	-84.10	9,890.45	2,858.06	1,549.38	1,372.29	177.09	8.749	
17,600.00	6,227.00	6,100.00	6,099.69	196.11	21.13	-84.10	9,890.45	2,858.06	1,585.23	1,412.63	172.60	9.184	
17,677.76	6,227.00	6,100.00	6,099.69	197.37	21.13	-84.10	9,890.45	2,858.06	1,616.82	1,447.79	169.03	9.565	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 511-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	15.71	15.71	0.00	0.03	6.73	6,081.79	717.70	6,123.99				
100.00	100.00	120.46	120.46	0.27	0.21	6.73	6,081.73	717.74	6,123.94	6,123.46	0.48	N/A	
200.00	199.98	225.19	225.19	0.62	0.39	-77.96	6,081.58	717.85	6,123.45	6,122.43	1.01	6,035.879	
300.00	299.84	329.80	329.80	0.99	0.57	-78.03	6,081.35	718.03	6,122.15	6,120.59	1.56	3,931.796	
400.00	399.45	434.17	434.17	1.36	0.76	-78.15	6,081.02	718.28	6,120.06	6,117.95	2.11	2,894.368	
500.00	498.70	539.09	539.09	1.75	0.99	-78.32	6,080.60	718.58	6,117.19	6,114.45	2.74	2,229.016	
600.00	597.47	635.11	635.11	2.18	1.33	-78.53	6,080.15	718.72	6,113.57	6,110.06	3.51	1,743.385	
700.00	695.62	713.48	713.47	2.63	1.60	-78.75	6,080.00	718.66	6,109.53	6,105.30	4.23	1,443.713	
800.00	793.06	1,288.87	1,288.12	3.12	3.66	-80.07	6,057.02	720.98	6,101.39	6,094.64	6.75	904.119	
900.00	889.64	1,358.00	1,356.95	3.66	3.92	-80.45	6,051.35	724.12	6,088.93	6,081.40	7.53	808.801	
1,000.00	985.27	1,428.21	1,426.79	4.25	4.19	-80.84	6,045.76	728.75	6,076.40	6,068.04	8.36	726.714	
1,100.00	1,079.82	1,612.97	1,610.19	4.89	4.90	-81.52	6,029.93	744.34	6,062.97	6,053.31	9.67	627.302	
1,200.00	1,173.17	1,800.11	1,795.33	5.58	5.65	-82.27	6,010.44	763.43	6,047.32	6,036.26	11.05	547.219	
1,300.00	1,265.21	1,920.03	1,913.82	6.34	6.14	-82.93	5,997.02	776.03	6,030.77	6,018.51	12.26	492.078	
1,400.00	1,355.84	2,047.46	2,039.70	7.16	6.68	-83.67	5,981.94	788.97	6,013.26	5,999.71	13.56	443.618	
1,500.00	1,444.84	2,119.37	2,110.78	8.05	6.99	-84.28	5,973.49	795.78	5,995.66	5,980.94	14.71	407.470	
1,600.00	1,532.39	2,196.00	2,186.58	9.02	7.31	-84.92	5,964.82	803.03	5,978.31	5,962.34	15.96	374.536	
1,700.00	1,618.11	2,260.62	2,250.51	10.05	7.58	-85.54	5,957.71	809.18	5,961.20	5,943.96	17.24	345.797	
1,800.00	1,701.97	2,435.19	2,423.18	11.16	8.33	-86.69	5,937.54	824.97	5,943.73	5,924.74	18.99	312.962	
1,900.00	1,783.88	2,577.19	2,563.47	12.35	8.94	-87.76	5,919.35	837.35	5,925.28	5,904.59	20.70	286.285	
2,000.00	1,863.74	2,737.56	2,721.63	13.61	9.65	-88.99	5,896.52	850.96	5,905.68	5,883.14	22.54	262.010	
2,100.00	1,941.45	2,787.33	2,770.69	14.95	9.88	-89.65	5,889.34	855.27	5,886.60	5,862.54	24.07	244.565	
2,112.50	1,951.01	2,792.26	2,775.54	15.12	9.90	-89.73	5,888.65	855.68	5,884.29	5,860.03	24.26	242.536	
2,200.00	2,017.79	2,826.61	2,809.45	16.35	10.05	-89.93	5,883.95	858.52	5,868.60	5,842.98	25.62	229.081	
2,300.00	2,094.11	2,870.24	2,852.58	17.76	10.24	-90.18	5,878.27	861.99	5,851.70	5,824.50	27.20	215.150	
2,400.00	2,170.44	2,921.60	2,903.35	19.17	10.46	-90.48	5,871.85	866.26	5,835.80	5,806.98	28.82	202.515	
2,500.00	2,246.76	2,944.00	2,925.50	20.60	10.56	-90.61	5,869.12	868.22	5,820.98	5,790.63	30.35	191.823	
2,600.00	2,323.08	2,999.42	2,980.35	22.03	10.80	-90.93	5,862.78	873.00	5,807.17	5,775.18	31.99	181.507	
2,700.00	2,399.41	3,038.00	3,018.58	23.47	10.96	-91.16	5,858.75	876.18	5,794.65	5,761.05	33.59	172.506	
2,800.00	2,475.73	3,082.08	3,062.31	24.91	11.15	-91.41	5,854.44	879.74	5,783.25	5,748.04	35.21	164.253	
2,900.00	2,552.05	3,131.00	3,110.86	26.36	11.35	-91.70	5,849.91	883.65	5,772.90	5,736.05	36.85	156.673	
3,000.00	2,628.38	3,196.08	3,175.47	27.80	11.62	-92.08	5,844.15	888.94	5,763.47	5,724.93	38.54	149.542	
3,100.00	2,704.70	3,749.34	3,721.41	29.25	14.08	-95.28	5,776.62	945.03	5,753.85	5,712.04	41.81	137.624	
3,200.00	2,781.02	3,813.10	3,783.86	30.71	14.38	-95.65	5,766.11	952.41	5,739.12	5,695.61	43.50	131.921	
3,300.00	2,857.35	3,883.00	3,852.42	32.16	14.72	-96.06	5,754.86	960.06	5,725.30	5,680.08	45.22	126.619	
3,400.00	2,933.67	3,883.00	3,852.42	33.62	14.72	-96.06	5,754.86	960.06	5,712.58	5,665.86	46.72	122.271	
3,500.00	3,009.99	3,934.85	3,903.40	35.07	14.96	-96.36	5,747.02	965.38	5,700.94	5,652.56	48.38	117.848	
3,600.00	3,086.31	3,976.00	3,943.96	36.53	15.15	-96.60	5,741.35	969.33	5,690.76	5,640.77	50.00	113.825	
3,700.00	3,162.64	3,976.00	3,943.96	37.99	15.15	-96.60	5,741.35	969.33	5,681.93	5,630.44	51.49	110.351	
3,800.00	3,238.96	4,038.73	4,005.91	39.45	15.42	-96.98	5,733.44	975.18	5,674.12	5,620.96	53.17	106.725	
3,900.00	3,315.28	4,070.00	4,036.83	40.91	15.56	-97.16	5,729.77	978.11	5,667.63	5,612.88	54.74	103.532	
4,000.00	3,391.61	4,135.19	4,101.33	42.37	15.85	-97.55	5,722.50	984.26	5,662.15	5,605.74	56.42	100.362	
4,100.00	3,467.93	4,213.36	4,178.69	43.84	16.19	-98.01	5,714.13	991.65	5,657.60	5,599.48	58.13	97.335	
4,200.00	3,544.25	4,332.52	4,296.60	45.30	16.71	-98.73	5,700.60	1,002.34	5,653.17	5,593.23	59.95	94.305	
4,300.00	3,620.58	4,424.02	4,387.10	46.76	17.11	-99.28	5,689.71	1,010.35	5,648.99	5,587.31	61.68	91.591	
4,400.00	3,696.90	4,488.13	4,450.52	48.23	17.39	-99.67	5,682.21	1,015.88	5,645.62	5,582.30	63.32	89.160	
4,500.00	3,773.22	4,539.00	4,500.87	49.69	17.61	-99.97	5,676.37	1,020.16	5,643.14	5,578.22	64.92	86.925	
4,600.00	3,849.55	4,598.50	4,559.82	51.16	17.86	-100.34	5,669.73	1,024.83	5,641.64	5,575.10	66.53	84.795	
4,700.00	3,925.87	4,658.21	4,619.03	52.62	18.12	-100.70	5,663.31	1,029.04	5,641.19	5,573.06	68.14	82.792	
4,704.45	3,929.26	4,661.88	4,622.67	52.69	18.13	-100.73	5,662.92	1,029.29	5,641.19	5,572.98	68.21	82.703	
4,800.00	4,002.19	4,777.77	4,737.58	54.09	18.62	-101.44	5,650.41	1,037.68	5,641.43	5,571.53	69.90	80.709	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE 24-21-24HZ - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 511-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	
4,900.00	4,078.51	4,820.00	4,779.40	55.56	18.81	-101.70	5,645.55	1,040.92	5,641.81	5,570.38	71.44	78.976	
5,000.00	4,154.84	4,870.10	4,829.06	57.02	19.02	-102.00	5,640.06	1,044.61	5,643.28	5,570.29	72.99	77.320	
5,100.00	4,231.16	4,914.00	4,872.67	58.49	19.20	-102.27	5,635.88	1,047.50	5,646.34	5,571.84	74.51	75.783	
5,200.00	4,307.48	4,914.00	4,872.67	59.96	19.20	-102.27	5,635.88	1,047.50	5,650.68	5,574.79	75.88	74.464	
5,300.00	4,383.81	4,950.67	4,909.15	61.43	19.34	-102.50	5,632.85	1,049.66	5,656.42	5,579.07	77.35	73.126	
5,400.00	4,460.13	5,008.00	4,966.27	62.89	19.57	-102.86	5,628.93	1,052.56	5,663.82	5,584.96	78.87	71.815	
5,500.00	4,536.45	5,008.00	4,966.27	64.36	19.57	-102.86	5,628.93	1,052.56	5,672.12	5,591.93	80.19	70.734	
5,600.00	4,612.78	5,041.73	4,999.91	65.83	19.69	-103.07	5,627.00	1,054.01	5,681.97	5,600.37	81.60	69.634	
5,700.00	4,689.10	5,100.00	5,058.07	67.30	19.91	-103.43	5,624.01	1,056.16	5,693.08	5,610.01	83.07	68.533	
5,800.00	4,765.42	5,100.00	5,058.07	68.77	19.91	-103.43	5,624.01	1,056.16	5,705.33	5,621.00	84.33	67.654	
5,900.00	4,841.75	5,154.95	5,112.94	70.24	20.10	-103.77	5,621.67	1,057.78	5,718.74	5,632.98	85.76	66.684	
6,000.00	4,918.07	5,192.00	5,149.96	71.70	20.23	-104.01	5,620.39	1,058.68	5,733.44	5,646.33	87.11	65.819	
6,100.00	4,994.39	5,246.30	5,204.22	73.17	20.42	-104.35	5,618.73	1,059.75	5,749.23	5,660.72	88.50	64.962	
6,200.00	5,070.72	5,286.00	5,243.90	74.64	20.55	-104.60	5,617.60	1,060.39	5,765.99	5,676.16	89.83	64.191	
6,300.00	5,147.04	5,334.80	5,292.68	76.11	20.71	-104.90	5,616.49	1,061.14	5,783.82	5,692.66	91.17	63.443	
6,400.00	5,223.36	5,379.00	5,336.87	77.58	20.86	-105.18	5,615.91	1,061.87	5,802.85	5,710.37	92.47	62.752	
6,500.00	5,299.68	5,430.72	5,388.58	79.05	21.03	-105.50	5,615.56	1,062.82	5,822.90	5,729.11	93.79	62.084	
6,600.00	5,376.01	5,499.97	5,457.81	80.52	21.25	-105.92	5,615.32	1,064.21	5,843.77	5,748.60	95.17	61.407	
6,700.00	5,452.33	5,565.00	5,522.84	81.99	21.46	-106.32	5,615.03	1,065.38	5,865.26	5,768.75	96.51	60.775	
6,800.00	5,528.65	5,565.00	5,522.84	83.46	21.46	-106.32	5,615.03	1,065.38	5,888.03	5,790.46	97.56	60.350	
6,900.00	5,604.98	5,613.01	5,570.83	84.93	21.61	-106.61	5,615.43	1,066.40	5,911.71	5,812.91	98.80	59.836	
7,000.00	5,681.30	5,645.00	5,602.79	86.40	21.71	-106.79	5,616.46	1,067.32	5,936.93	5,836.98	99.95	59.399	
7,100.00	5,757.62	5,645.00	5,602.79	87.87	21.71	-106.79	5,616.46	1,067.32	5,963.41	5,862.48	100.93	59.085	
7,176.71	5,816.17	5,659.86	5,617.62	89.00	21.75	-106.88	5,617.22	1,067.85	5,984.65	5,882.92	101.73	58.827	
7,200.00	5,833.92	5,662.50	5,620.26	89.34	21.76	-103.94	5,617.38	1,067.95	5,990.84	5,888.88	101.97	58.753	
7,250.00	5,871.73	5,676.00	5,633.71	90.07	21.80	-97.93	5,618.38	1,068.51	6,001.53	5,899.02	102.52	58.542	
7,300.00	5,908.91	5,676.00	5,633.71	90.78	21.80	-92.33	5,618.38	1,068.51	6,008.50	5,905.49	103.01	58.332	
7,350.00	5,945.18	5,676.00	5,633.71	91.48	21.80	-87.28	5,618.38	1,068.51	6,011.81	5,908.32	103.49	58.089	
7,400.00	5,980.26	5,691.44	5,649.07	92.14	21.84	-82.93	5,619.76	1,069.24	6,011.37	5,907.31	104.05	57.772	
7,450.00	6,013.88	5,707.00	5,664.53	92.77	21.88	-79.22	5,621.33	1,070.05	6,007.22	5,902.61	104.60	57.429	
7,500.00	6,045.79	5,707.00	5,664.53	93.36	21.88	-76.03	5,621.33	1,070.05	5,999.34	5,894.30	105.05	57.111	
7,550.00	6,075.75	5,707.00	5,664.53	93.90	21.88	-73.44	5,621.33	1,070.05	5,987.88	5,882.41	105.47	56.776	
7,600.00	6,103.52	5,707.00	5,664.53	94.40	21.88	-71.42	5,621.33	1,070.05	5,972.88	5,867.02	105.85	56.426	
7,650.00	6,128.89	5,707.00	5,664.53	94.85	21.88	-69.97	5,621.33	1,070.05	5,954.43	5,848.23	106.21	56.064	
7,700.00	6,151.68	5,723.61	5,680.99	95.25	21.92	-69.21	5,623.32	1,070.99	5,932.47	5,825.84	106.63	55.638	
7,750.00	6,171.71	5,737.00	5,694.22	95.60	21.96	-68.98	5,625.23	1,071.79	5,907.48	5,800.48	106.99	55.214	
7,800.00	6,188.82	5,737.00	5,694.22	95.91	21.96	-69.21	5,625.23	1,071.79	5,879.32	5,772.08	107.24	54.822	
7,850.00	6,202.89	5,737.00	5,694.22	96.16	21.96	-70.05	5,625.23	1,071.79	5,848.30	5,740.84	107.46	54.423	
7,900.00	6,213.81	5,737.00	5,694.22	96.38	21.96	-71.56	5,625.23	1,071.79	5,814.61	5,706.96	107.64	54.017	
7,950.00	6,221.49	5,737.00	5,694.22	96.55	21.96	-73.82	5,625.23	1,071.79	5,778.44	5,670.65	107.80	53.605	
8,000.00	6,225.88	5,737.00	5,694.22	96.69	21.96	-76.98	5,625.23	1,071.79	5,740.05	5,632.13	107.92	53.186	
8,040.96	6,227.00	5,737.00	5,694.22	96.77	21.96	-80.36	5,625.23	1,071.79	5,707.11	5,599.10	108.01	52.838	
8,100.00	6,227.00	5,737.00	5,694.22	96.88	21.96	-80.36	5,625.23	1,071.79	5,658.84	5,550.71	108.13	52.335	
8,200.00	6,227.00	5,737.00	5,694.22	97.07	21.96	-80.36	5,625.23	1,071.79	5,577.55	5,469.23	108.32	51.489	
8,300.00	6,227.00	5,737.00	5,694.22	97.28	21.96	-80.36	5,625.23	1,071.79	5,496.88	5,388.35	108.53	50.648	
8,400.00	6,227.00	5,737.00	5,694.22	97.49	21.96	-80.36	5,625.23	1,071.79	5,416.86	5,308.12	108.74	49.814	
8,500.00	6,227.00	5,737.00	5,694.22	97.72	21.96	-80.36	5,625.23	1,071.79	5,337.51	5,228.55	108.96	48.986	
8,600.00	6,227.00	5,752.02	5,709.00	97.97	21.99	-80.62	5,627.72	1,072.75	5,258.71	5,149.42	109.29	48.117	
8,700.00	6,227.00	5,754.69	5,711.62	98.23	22.00	-80.66	5,628.21	1,072.93	5,180.75	5,071.20	109.54	47.294	
8,800.00	6,227.00	5,768.00	5,724.64	98.50	22.03	-80.88	5,630.79	1,073.87	5,103.61	4,993.73	109.88	46.446	
8,900.00	6,227.00	5,768.00	5,724.64	98.79	22.03	-80.88	5,630.79	1,073.87	5,027.16	4,917.03	110.13	45.646	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE 24-21-24HZ - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 511-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	
9,000.00	6,227.00	5,768.00	5,724.64	99.09	22.03	-80.88	5,630.79	1,073.87	4,951.56	4,841.16	110.39	44.854	
9,100.00	6,227.00	5,768.00	5,724.64	99.41	22.03	-80.88	5,630.79	1,073.87	4,876.82	4,766.17	110.66	44.071	
9,200.00	6,227.00	5,768.00	5,724.64	99.75	22.03	-80.88	5,630.79	1,073.87	4,803.01	4,692.08	110.93	43.298	
9,300.00	6,227.00	5,768.00	5,724.64	100.10	22.03	-80.88	5,630.79	1,073.87	4,730.17	4,618.95	111.21	42.534	
9,400.00	6,227.00	5,783.45	5,739.69	100.47	22.06	-81.14	5,634.08	1,075.02	4,658.23	4,546.61	111.62	41.731	
9,500.00	6,227.00	5,799.00	5,754.79	100.86	22.10	-81.40	5,637.61	1,076.23	4,587.39	4,475.34	112.05	40.940	
9,600.00	6,227.00	5,799.00	5,754.79	101.26	22.10	-81.40	5,637.61	1,076.23	4,517.56	4,405.20	112.36	40.206	
9,700.00	6,227.00	5,799.00	5,754.79	101.68	22.10	-81.40	5,637.61	1,076.23	4,448.87	4,336.20	112.67	39.484	
9,800.00	6,227.00	5,799.00	5,754.79	102.13	22.10	-81.40	5,637.61	1,076.23	4,381.39	4,268.40	113.00	38.775	
9,900.00	6,227.00	5,813.21	5,768.53	102.59	22.12	-81.64	5,641.03	1,077.34	4,315.08	4,201.63	113.45	38.034	
10,000.00	6,227.00	5,830.00	5,784.71	103.07	22.16	-81.92	5,645.34	1,078.63	4,250.15	4,136.20	113.94	37.300	
10,100.00	6,227.00	5,830.00	5,784.71	103.58	22.16	-81.92	5,645.34	1,078.63	4,186.45	4,072.16	114.29	36.630	
10,200.00	6,227.00	5,830.00	5,784.71	104.10	22.16	-81.92	5,645.34	1,078.63	4,124.19	4,009.55	114.64	35.974	
10,300.00	6,227.00	5,830.00	5,784.71	104.65	22.16	-81.92	5,645.34	1,078.63	4,063.44	3,948.44	115.00	35.335	
10,400.00	6,227.00	5,843.01	5,797.20	105.22	22.18	-82.13	5,648.87	1,079.58	4,004.17	3,888.68	115.49	34.672	
10,500.00	6,227.00	5,849.21	5,803.14	105.82	22.19	-82.23	5,650.61	1,080.01	3,946.53	3,830.62	115.92	34.046	
10,600.00	6,227.00	5,862.00	5,815.35	106.43	22.22	-82.45	5,654.31	1,080.85	3,890.59	3,774.17	116.42	33.419	
10,700.00	6,227.00	5,862.00	5,815.35	107.07	22.22	-82.45	5,654.31	1,080.85	3,836.34	3,719.55	116.79	32.848	
10,800.00	6,227.00	5,862.00	5,815.35	107.74	22.22	-82.45	5,654.31	1,080.85	3,783.95	3,666.79	117.16	32.297	
10,900.00	6,227.00	5,875.83	5,828.51	108.42	22.24	-82.67	5,658.48	1,081.67	3,733.40	3,615.71	117.69	31.723	
11,000.00	6,227.00	5,893.00	5,844.80	109.14	22.27	-82.96	5,663.84	1,082.53	3,684.90	3,566.65	118.25	31.162	
11,100.00	6,227.00	5,893.00	5,844.80	109.87	22.27	-82.96	5,663.84	1,082.53	3,638.32	3,519.70	118.62	30.673	
11,200.00	6,227.00	5,893.00	5,844.80	110.64	22.27	-82.96	5,663.84	1,082.53	3,593.92	3,474.94	118.98	30.207	
11,300.00	6,227.00	5,914.82	5,865.39	111.43	22.31	-83.32	5,670.98	1,083.49	3,551.62	3,432.03	119.59	29.698	
11,400.00	6,227.00	5,924.00	5,874.03	112.24	22.32	-83.47	5,674.08	1,083.88	3,511.57	3,391.52	120.05	29.251	
11,500.00	6,227.00	5,955.00	5,902.99	113.08	22.37	-83.98	5,685.05	1,085.25	3,473.74	3,352.97	120.77	28.763	
11,600.00	6,227.00	5,955.00	5,902.99	113.94	22.37	-83.98	5,685.05	1,085.25	3,438.24	3,317.14	121.10	28.392	
11,700.00	6,227.00	5,985.00	5,930.65	114.83	22.42	-84.46	5,696.58	1,086.55	3,405.14	3,283.34	121.80	27.957	
11,800.00	6,227.00	5,996.43	5,941.08	115.74	22.43	-84.65	5,701.23	1,087.04	3,374.49	3,252.24	122.25	27.603	
11,900.00	6,227.00	6,040.14	5,980.39	116.68	22.49	-85.34	5,720.20	1,089.22	3,346.22	3,223.09	123.12	27.178	
12,000.00	6,227.00	6,156.54	6,080.46	117.64	22.63	-87.11	5,778.75	1,098.84	3,319.74	3,194.70	125.03	26.551	
12,100.00	6,227.00	6,244.54	6,150.85	118.63	22.72	-88.36	5,830.22	1,110.18	3,293.86	3,167.27	126.60	26.018	
12,200.00	6,227.00	6,263.00	6,164.63	119.64	22.74	-88.61	5,842.21	1,112.86	3,270.09	3,142.94	127.15	25.719	
12,300.00	6,227.00	6,294.00	6,187.04	120.68	22.76	-89.01	5,863.20	1,117.12	3,248.71	3,120.83	127.88	25.405	
12,400.00	6,227.00	6,313.62	6,200.71	121.74	22.77	-89.26	5,877.05	1,119.60	3,229.86	3,101.45	128.41	25.153	
12,500.00	6,227.00	6,326.00	6,209.07	122.82	22.78	-89.41	5,886.06	1,121.08	3,213.54	3,084.75	128.80	24.951	
12,600.00	6,227.00	6,357.00	6,229.16	123.92	22.80	-89.77	5,909.43	1,124.44	3,199.65	3,070.18	129.48	24.712	
12,700.00	6,227.00	6,388.00	6,247.92	125.04	22.81	-90.11	5,933.92	1,127.38	3,188.21	3,058.06	130.14	24.498	
12,800.00	6,227.00	6,433.93	6,272.72	126.19	22.83	-90.56	5,972.36	1,131.33	3,178.85	3,047.77	131.08	24.251	
12,900.00	6,227.00	6,473.48	6,290.91	127.35	22.84	-90.89	6,007.34	1,134.23	3,171.57	3,039.67	131.90	24.046	
13,000.00	6,227.00	6,513.00	6,306.18	128.54	22.87	-91.16	6,043.71	1,136.50	3,166.33	3,033.63	132.71	23.860	
13,100.00	6,227.00	6,544.00	6,316.25	129.74	22.89	-91.35	6,073.00	1,137.63	3,163.30	3,029.97	133.33	23.725	
13,200.00	6,227.00	6,626.24	6,336.01	130.97	23.06	-91.70	6,152.77	1,139.20	3,162.18	3,027.13	135.04	23.416	
13,275.08	6,227.00	6,659.96	6,340.74	131.90	23.16	-91.79	6,186.14	1,139.77	3,161.56	3,025.83	135.73	23.292 CC	
13,300.00	6,227.00	6,670.00	6,341.69	132.21	23.20	-91.81	6,196.13	1,139.81	3,161.60	3,025.67	135.93	23.258 ES	
13,400.00	6,227.00	6,715.54	6,344.52	133.47	23.38	-91.86	6,241.58	1,139.33	3,163.01	3,026.16	136.85	23.112	
13,500.00	6,227.00	6,787.01	6,346.84	134.74	23.74	-91.90	6,312.99	1,137.82	3,165.57	3,027.19	138.38	22.876	
13,600.00	6,227.00	6,861.40	6,346.75	136.03	24.20	-91.90	6,387.33	1,135.42	3,169.10	3,029.07	140.03	22.632	
13,700.00	6,227.00	6,945.83	6,346.24	137.34	24.78	-91.88	6,471.70	1,132.24	3,173.20	3,031.22	141.98	22.350	
13,800.00	6,227.00	7,049.00	6,344.90	138.67	25.60	-91.86	6,574.79	1,128.60	3,177.02	3,032.50	144.51	21.984	
13,900.00	6,227.00	7,180.23	6,344.04	140.00	26.79	-91.84	6,705.89	1,123.05	3,181.83	3,033.89	147.95	21.506	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE 24-21-24HZ - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 511-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		
14,000.00	6,227.00	7,214.11	6,344.28	141.36	27.12	-91.84	6,739.74	1,121.61	3,186.22	3,037.50	148.72	21.425		
14,100.00	6,227.00	7,282.18	6,344.14	142.72	27.81	-91.84	6,807.73	1,118.22	3,191.68	3,041.21	150.47	21.211		
14,200.00	6,227.00	7,299.00	6,344.19	144.10	27.98	-91.84	6,824.50	1,117.04	3,199.22	3,048.53	150.69	21.231		
14,300.00	6,227.00	7,345.00	6,344.57	145.49	28.47	-91.84	6,870.30	1,112.83	3,208.84	3,057.07	151.77	21.143		
14,400.00	6,227.00	7,474.29	6,347.03	146.90	29.93	-91.88	6,998.95	1,100.11	3,219.14	3,063.60	155.54	20.697		
14,500.00	6,227.00	7,561.67	6,349.92	148.31	30.97	-91.92	7,085.89	1,091.92	3,228.97	3,070.93	158.04	20.431		
14,600.00	6,227.00	7,658.27	6,353.75	149.74	32.18	-91.99	7,181.92	1,082.17	3,239.53	3,078.63	160.90	20.133		
14,700.00	6,227.00	7,778.98	6,357.54	151.18	33.75	-92.05	7,302.04	1,071.00	3,249.23	3,084.59	164.63	19.736		
14,800.00	6,227.00	7,861.00	6,357.56	152.62	34.85	-92.04	7,383.71	1,063.41	3,258.84	3,091.77	167.07	19.505		
14,900.00	6,227.00	7,892.00	6,357.67	154.08	35.27	-92.04	7,414.54	1,060.25	3,269.71	3,101.96	167.75	19.492		
15,000.00	6,227.00	7,924.00	6,357.76	155.55	35.72	-92.04	7,446.29	1,056.24	3,282.72	3,114.30	168.42	19.491		
15,100.00	6,227.00	8,018.00	6,357.78	157.03	37.04	-92.03	7,539.30	1,042.66	3,297.46	3,126.13	171.34	19.246		
15,200.00	6,227.00	8,173.00	6,351.77	158.51	39.29	-91.92	7,692.88	1,022.99	3,310.10	3,133.60	176.51	18.754		
15,300.00	6,227.00	8,371.89	6,342.18	160.01	42.28	-91.74	7,890.37	1,001.89	3,320.66	3,137.37	183.29	18.117		
15,400.00	6,227.00	8,423.00	6,341.48	161.51	43.06	-91.72	7,941.20	996.57	3,331.18	3,146.42	184.76	18.029		
15,500.00	6,227.00	8,485.00	6,341.10	163.02	44.01	-91.71	8,002.81	989.65	3,342.70	3,156.07	186.63	17.911		
15,600.00	6,227.00	8,561.97	6,342.59	164.54	45.21	-91.73	8,079.18	980.22	3,355.31	3,166.25	189.06	17.747		
15,700.00	6,227.00	9,077.00	6,348.92	166.06	53.41	-91.82	8,592.48	945.47	3,364.47	3,157.33	207.14	16.243		
15,800.00	6,227.00	9,384.14	6,348.35	167.59	58.32	-91.82	8,899.40	954.37	3,361.99	3,145.04	216.96	15.496		
15,900.00	6,227.00	9,482.00	6,347.29	169.13	59.89	-91.80	8,997.05	960.71	3,355.84	3,135.62	220.22	15.239		
16,000.00	6,227.00	9,523.73	6,346.18	170.68	60.56	-91.78	9,038.71	962.92	3,350.98	3,129.20	221.78	15.109		
16,100.00	6,227.00	9,575.00	6,344.67	172.23	61.40	-91.76	9,089.92	964.70	3,347.80	3,124.19	223.60	14.972		
16,200.00	6,227.00	9,718.61	6,345.13	173.78	63.74	-91.77	9,233.44	969.52	3,344.84	3,116.49	228.34	14.648		
16,300.00	6,227.00	9,762.00	6,345.59	175.35	64.45	-91.78	9,276.81	970.96	3,341.93	3,112.01	229.92	14.535		
16,400.00	6,227.00	9,824.00	6,346.38	176.92	65.48	-91.79	9,338.79	972.02	3,340.56	3,108.49	232.07	14.395		
16,500.00	6,227.00	9,926.03	6,345.84	178.49	67.17	-91.78	9,440.81	973.60	3,339.34	3,103.81	235.52	14.178		
16,570.09	6,227.00	9,964.09	6,345.57	179.60	67.80	-91.78	9,478.86	973.96	3,338.94	3,102.10	236.84	14.098		
16,600.00	6,227.00	9,979.00	6,345.40	180.07	68.05	-91.77	9,493.77	973.96	3,339.03	3,101.67	237.35	14.068		
16,700.00	6,227.00	10,042.00	6,344.03	181.65	69.11	-91.75	9,556.76	973.80	3,339.74	3,100.25	239.49	13.945		
16,800.00	6,227.00	10,146.89	6,342.41	183.24	70.87	-91.72	9,661.61	972.38	3,341.40	3,098.33	243.07	13.747		
16,900.00	6,227.00	10,267.67	6,342.42	184.84	72.90	-91.72	9,782.40	971.86	3,342.11	3,094.91	247.20	13.520		
17,000.00	6,227.00	10,363.07	6,341.96	186.43	74.51	-91.71	9,877.79	971.11	3,343.22	3,092.75	250.47	13.348		
17,100.00	6,227.00	10,447.00	6,341.56	188.04	75.93	-91.71	9,961.71	970.30	3,344.50	3,091.16	253.34	13.201		
17,200.00	6,227.00	10,634.00	6,334.98	189.64	79.10	-91.59	10,148.56	970.30	3,344.87	3,085.17	259.70	12.880		
17,289.27	6,227.00	10,683.51	6,333.96	191.08	79.94	-91.58	10,198.05	970.74	3,344.34	3,082.91	261.43	12.792		
17,300.00	6,227.00	10,691.55	6,333.85	191.25	80.08	-91.57	10,206.09	970.76	3,344.35	3,082.63	261.71	12.779		
17,400.00	6,227.00	10,871.39	6,331.56	192.87	83.13	-91.54	10,385.88	973.56	3,343.00	3,075.22	267.78	12.484		
17,500.00	6,227.00	10,898.00	6,331.14	194.48	83.58	-91.53	10,412.48	974.26	3,341.50	3,072.71	268.79	12.432		
17,504.45	6,227.00	10,898.00	6,331.14	194.56	83.58	-91.53	10,412.48	974.26	3,341.50	3,072.70	268.79	12.431 SF		
17,600.00	6,227.00	10,898.00	6,331.14	196.11	83.58	-91.53	10,412.48	974.26	3,342.88	3,074.13	268.75	12.439		
17,677.76	6,227.00	10,898.00	6,331.14	197.37	83.58	-91.53	10,412.48	974.26	3,346.02	3,077.44	268.58	12.458		

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 511-MWD OWSG												Offset Well Error:	0.00 usft
Reference				Offset				Semi Major Axis				Distance	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	17.62	17.62	0.00	0.03	7.98	6,081.79	853.10	6,141.33				
100.00	100.00	127.74	127.74	0.27	0.22	7.98	6,081.68	853.02	6,141.23	6,140.74	0.49	N/A	
200.00	199.98	237.83	237.83	0.62	0.41	-76.71	6,081.41	852.81	6,140.55	6,139.52	1.04	5,932.728	
300.00	299.84	347.76	347.76	0.99	0.60	-76.80	6,080.97	852.48	6,138.91	6,137.32	1.59	3,869.975	
400.00	399.45	457.39	457.39	1.36	0.79	-76.94	6,080.36	852.03	6,136.32	6,134.17	2.15	2,851.271	
500.00	498.70	592.85	592.83	1.75	1.18	-77.17	6,079.23	851.32	6,132.69	6,129.75	2.93	2,089.992	
600.00	597.47	694.57	694.55	2.18	1.55	-77.41	6,077.95	850.71	6,127.86	6,124.14	3.72	1,647.346	
700.00	695.62	769.91	769.89	2.63	1.82	-77.65	6,077.17	850.07	6,122.51	6,118.07	4.44	1,378.440	
800.00	793.06	900.25	900.20	3.12	2.29	-78.05	6,075.76	848.63	6,116.42	6,111.02	5.40	1,133.091	
900.00	889.64	971.00	970.95	3.66	2.54	-78.36	6,074.85	847.81	6,109.53	6,103.34	6.18	987.941	
1,000.00	985.27	1,011.08	1,011.02	4.25	2.68	-78.60	6,074.58	847.44	6,102.74	6,095.84	6.90	884.250	
1,100.00	1,079.82	1,063.00	1,062.94	4.89	2.85	-78.89	6,074.91	847.37	6,096.45	6,088.74	7.71	790.502	
1,200.00	1,173.17	1,063.00	1,062.94	5.58	2.85	-79.00	6,074.91	847.37	6,090.51	6,082.11	8.40	724.889	
1,300.00	1,265.21	1,103.25	1,103.18	6.34	2.99	-79.25	6,075.75	847.68	6,085.09	6,075.81	9.29	655.347	
1,400.00	1,355.84	1,154.00	1,153.89	7.16	3.15	-79.54	6,077.65	848.60	6,080.44	6,070.17	10.27	592.212	
1,500.00	1,444.84	1,154.00	1,153.89	8.05	3.15	-79.63	6,077.65	848.60	6,076.09	6,064.94	11.15	545.031	
1,600.00	1,532.39	1,196.82	1,196.63	9.02	3.30	-79.88	6,079.84	849.77	6,072.39	6,060.15	12.24	495.967	
1,700.00	1,618.11	1,246.00	1,245.69	10.05	3.46	-80.17	6,082.84	851.48	6,069.23	6,055.80	13.43	451.806	
1,800.00	1,701.97	1,360.48	1,359.91	11.16	3.85	-80.80	6,089.98	853.99	6,066.09	6,051.16	14.93	406.306	
1,900.00	1,783.88	1,504.94	1,504.18	12.35	4.36	-81.66	6,097.53	854.92	6,061.80	6,045.19	16.62	364.815	
2,000.00	1,863.74	1,583.32	1,582.47	13.61	4.63	-82.19	6,101.20	855.09	6,057.19	6,039.04	18.15	333.713	
2,100.00	1,941.45	1,679.12	1,678.14	14.95	4.97	-82.84	6,105.97	854.85	6,052.98	6,033.15	19.83	305.241	
2,112.50	1,951.01	1,701.50	1,700.50	15.12	5.05	-82.99	6,106.98	854.81	6,052.42	6,032.33	20.08	301.376	
2,200.00	2,017.79	1,734.82	1,733.78	16.35	5.16	-83.20	6,108.52	854.66	6,048.86	6,027.44	21.42	282.375	
2,300.00	2,094.11	1,767.39	1,766.31	17.76	5.28	-83.40	6,110.26	854.27	6,045.96	6,023.01	22.94	263.514	
2,400.00	2,170.44	1,801.97	1,800.82	19.17	5.40	-83.61	6,112.36	853.59	6,044.30	6,019.82	24.48	246.890	
2,500.00	2,246.76	1,912.71	1,911.33	20.60	5.80	-84.31	6,118.89	851.15	6,043.18	6,016.87	26.31	229.684	
2,569.56	2,299.85	1,942.69	1,941.26	21.60	5.91	-84.49	6,120.68	850.41	6,042.91	6,015.50	27.41	220.439	
2,600.00	2,323.08	1,955.77	1,954.31	22.03	5.96	-84.58	6,121.50	850.06	6,042.96	6,015.07	27.89	216.633	
2,700.00	2,399.41	2,013.02	2,011.41	23.47	6.16	-84.94	6,125.25	848.43	6,043.84	6,014.31	29.54	204.627	
2,800.00	2,475.73	2,136.86	2,134.97	24.91	6.61	-85.71	6,133.07	845.80	6,045.31	6,013.88	31.43	192.325	
2,900.00	2,552.05	2,340.68	2,338.54	26.36	7.34	-86.98	6,142.50	842.25	6,045.99	6,012.36	33.63	179.783	
3,000.00	2,628.38	2,468.87	2,466.66	27.80	7.80	-87.77	6,146.84	841.81	6,046.56	6,011.02	35.54	170.127	
3,100.00	2,704.70	4,075.08	3,958.18	29.25	15.99	-100.37	5,960.15	397.12	6,036.93	5,992.72	44.21	136.550	
3,200.00	2,781.02	4,126.06	4,003.21	30.71	16.38	-100.82	5,947.45	376.90	6,025.91	5,979.88	46.03	130.905	
3,300.00	2,857.35	4,179.82	4,050.99	32.16	16.79	-101.28	5,933.79	356.35	6,015.96	5,968.09	47.87	125.674	
3,400.00	2,933.67	4,232.77	4,098.08	33.62	17.20	-101.74	5,920.32	336.23	6,007.35	5,957.65	49.70	120.870	
3,500.00	3,009.99	4,259.44	4,121.77	35.07	17.41	-101.97	5,913.59	326.00	6,000.21	5,948.84	51.37	116.799	
3,600.00	3,086.31	4,288.00	4,147.10	36.53	17.63	-102.22	5,906.43	314.93	5,994.55	5,941.50	53.05	113.000	
3,700.00	3,162.64	4,325.41	4,180.19	37.99	17.93	-102.55	5,897.07	300.20	5,990.34	5,935.55	54.78	109.344	
3,800.00	3,238.96	4,365.19	4,215.25	39.45	18.26	-102.90	5,887.08	284.29	5,987.51	5,930.99	56.53	105.924	
3,900.00	3,315.28	4,384.00	4,231.78	40.91	18.41	-103.06	5,882.34	276.66	5,986.14	5,928.01	58.13	102.985	
3,934.00	3,341.23	4,384.00	4,231.78	41.41	18.41	-103.06	5,882.34	276.66	5,986.04	5,927.41	58.63	102.104	
4,000.00	3,391.61	4,384.00	4,231.78	42.37	18.41	-103.06	5,882.34	276.66	5,986.40	5,926.80	59.59	100.454	
4,100.00	3,467.93	4,419.51	4,262.99	43.84	18.71	-103.38	5,873.56	262.18	5,988.04	5,926.75	61.28	97.709	
4,200.00	3,544.25	4,433.67	4,275.46	45.30	18.82	-103.50	5,870.16	256.38	5,991.36	5,928.54	62.82	95.375	
4,300.00	3,620.58	4,447.85	4,287.95	46.76	18.94	-103.63	5,866.82	250.57	5,996.25	5,931.91	64.34	93.198	
4,400.00	3,696.90	4,479.00	4,315.43	48.23	19.20	-103.90	5,859.68	237.76	6,002.78	5,936.82	65.96	91.010	
4,500.00	3,773.22	4,479.00	4,315.43	49.69	19.20	-103.90	5,859.68	237.76	6,010.74	5,943.39	67.35	89.249	
4,600.00	3,849.55	4,644.85	4,462.24	51.16	20.59	-105.35	5,820.60	171.23	6,019.48	5,949.64	69.84	86.188	
4,700.00	3,925.87	4,670.00	4,484.50	52.62	20.80	-105.57	5,814.50	161.27	6,029.51	5,958.14	71.37	84.483	

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

Civitas Resources
Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE E-A-24HNA - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 511-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,800.00	4,002.19	4,670.00	4,484.50	54.09	20.80	-105.57	5,814.50	161.27	6,041.12	5,968.41	72.71	83.085	
4,900.00	4,078.51	4,713.85	4,523.13	55.56	21.19	-105.95	5,803.74	143.51	6,053.87	5,979.53	74.34	81.436	
5,000.00	4,154.84	4,725.98	4,533.77	57.02	21.29	-106.06	5,800.84	138.45	6,068.41	5,992.69	75.72	80.140	
5,100.00	4,231.16	4,765.00	4,567.84	58.49	21.63	-106.40	5,791.74	121.76	6,084.68	6,007.40	77.27	78.742	
5,200.00	4,307.48	4,765.00	4,567.84	59.96	21.63	-106.40	5,791.74	121.76	6,102.14	6,023.62	78.53	77.709	
5,300.00	4,383.81	4,765.00	4,567.84	61.43	21.63	-106.40	5,791.74	121.76	6,121.19	6,041.44	79.75	76.752	
5,400.00	4,460.13	4,765.00	4,567.84	62.89	21.63	-106.40	5,791.74	121.76	6,141.81	6,060.86	80.95	75.868	
5,500.00	4,536.45	4,765.00	4,567.84	64.36	21.63	-106.40	5,791.74	121.76	6,163.99	6,081.86	82.13	75.052	
5,600.00	4,612.78	4,765.00	4,567.84	65.83	21.63	-106.40	5,791.74	121.76	6,187.70	6,104.42	83.28	74.302	
5,700.00	4,689.10	4,765.00	4,567.84	67.30	21.63	-106.40	5,791.74	121.76	6,212.93	6,128.53	84.40	73.614	
5,800.00	4,765.42	4,804.31	4,601.89	68.77	22.01	-106.75	5,782.97	104.19	6,239.12	6,153.31	85.81	72.709	
5,900.00	4,841.75	4,812.27	4,608.75	70.24	22.08	-106.82	5,781.26	100.53	6,267.08	6,180.14	86.94	72.084	
6,000.00	4,918.07	4,820.05	4,615.43	71.70	22.15	-106.89	5,779.60	96.91	6,296.47	6,208.42	88.05	71.513	
6,100.00	4,994.39	4,861.00	4,650.40	73.17	22.54	-107.26	5,771.16	77.34	6,327.65	6,238.27	89.39	70.788	
6,200.00	5,070.72	4,861.00	4,650.40	74.64	22.54	-107.26	5,771.16	77.34	6,359.67	6,269.29	90.38	70.368	
6,300.00	5,147.04	4,861.00	4,650.40	76.11	22.54	-107.26	5,771.16	77.34	6,393.09	6,301.76	91.34	69.993	
6,400.00	5,223.36	4,861.00	4,650.40	77.58	22.54	-107.26	5,771.16	77.34	6,427.90	6,335.63	92.27	69.662	
6,500.00	5,299.68	4,861.00	4,650.40	79.05	22.54	-107.26	5,771.16	77.34	6,464.06	6,370.88	93.18	69.373	
6,600.00	5,376.01	4,861.00	4,650.40	80.52	22.54	-107.26	5,771.16	77.34	6,501.56	6,407.50	94.06	69.123	
6,700.00	5,452.33	4,883.59	4,669.58	81.99	22.76	-107.46	5,766.69	66.28	6,540.30	6,445.20	95.10	68.771	
6,800.00	5,528.65	5,531.00	5,263.87	83.46	27.68	-112.68	5,673.27	-159.64	6,580.12	6,479.82	100.29	65.610	
6,900.00	5,604.98	5,579.32	5,311.47	84.93	27.89	-113.00	5,669.94	-167.23	6,616.23	6,514.88	101.36	65.276	
7,000.00	5,681.30	5,627.00	5,358.52	86.40	28.10	-113.32	5,667.71	-174.63	6,653.85	6,551.45	102.41	64.975	
7,100.00	5,757.62	5,627.00	5,358.52	87.87	28.10	-113.32	5,667.71	-174.63	6,692.20	6,588.98	103.22	64.834	
7,176.71	5,816.17	5,904.82	5,633.62	89.00	29.22	-115.08	5,655.63	-210.21	6,721.04	6,616.04	105.00	64.009	
7,200.00	5,833.92	5,914.00	5,642.76	89.34	29.25	-111.98	5,655.36	-210.99	6,729.34	6,624.11	105.23	63.950	
7,250.00	5,871.73	5,914.00	5,642.76	90.07	29.25	-105.51	5,655.36	-210.99	6,744.73	6,639.07	105.66	63.837	
7,300.00	5,908.91	5,914.00	5,642.76	90.78	29.25	-99.57	5,655.36	-210.99	6,756.76	6,650.67	106.09	63.686	
7,350.00	5,945.18	5,914.00	5,642.76	91.48	29.25	-94.23	5,655.36	-210.99	6,765.37	6,658.83	106.54	63.502	
7,400.00	5,980.26	5,914.00	5,642.76	92.14	29.25	-89.54	5,655.36	-210.99	6,770.50	6,663.52	106.98	63.290	
7,450.00	6,013.88	5,914.00	5,642.76	92.77	29.25	-85.51	5,655.36	-210.99	6,772.12	6,664.71	107.41	63.052	
7,500.00	6,045.79	5,914.00	5,642.76	93.36	29.25	-82.12	5,655.36	-210.99	6,770.21	6,662.39	107.82	62.793	
7,550.00	6,075.75	5,937.21	5,665.90	93.90	29.33	-79.53	5,655.22	-212.77	6,764.34	6,656.04	108.30	62.458	
7,600.00	6,103.52	5,939.49	5,668.17	94.40	29.34	-77.37	5,655.25	-212.97	6,755.36	6,646.68	108.68	62.161	
7,650.00	6,128.89	5,962.00	5,690.56	94.85	29.41	-75.95	5,655.85	-215.17	6,743.30	6,634.20	109.10	61.807	
7,700.00	6,151.68	5,962.00	5,690.56	95.25	29.41	-74.90	5,655.85	-215.17	6,727.49	6,618.08	109.40	61.493	
7,750.00	6,171.71	5,962.00	5,690.56	95.60	29.41	-74.39	5,655.85	-215.17	6,708.44	6,598.77	109.67	61.170	
7,800.00	6,188.82	5,962.00	5,690.56	95.91	29.41	-74.42	5,655.85	-215.17	6,686.27	6,576.37	109.90	60.841	
7,850.00	6,202.89	5,962.00	5,690.56	96.16	29.41	-75.00	5,655.85	-215.17	6,661.13	6,551.04	110.09	60.505	
7,900.00	6,213.81	5,962.00	5,690.56	96.38	29.41	-76.15	5,655.85	-215.17	6,633.17	6,522.92	110.25	60.164	
7,950.00	6,221.49	5,962.00	5,690.56	96.55	29.41	-77.94	5,655.85	-215.17	6,602.56	6,492.18	110.38	59.816	
8,000.00	6,225.88	5,962.00	5,690.56	96.69	29.41	-80.42	5,655.85	-215.17	6,569.52	6,459.04	110.48	59.462	
8,040.96	6,227.00	5,962.00	5,690.56	96.77	29.41	-83.02	5,655.85	-215.17	6,540.78	6,430.23	110.55	59.167	
8,100.00	6,227.00	5,962.00	5,690.56	96.88	29.41	-83.02	5,655.85	-215.17	6,498.47	6,387.84	110.63	58.741	
8,200.00	6,227.00	5,962.00	5,690.56	97.07	29.41	-83.02	5,655.85	-215.17	6,427.40	6,316.63	110.77	58.023	
8,300.00	6,227.00	5,962.00	5,690.56	97.28	29.41	-83.02	5,655.85	-215.17	6,357.11	6,246.19	110.92	57.311	
8,400.00	6,227.00	5,962.00	5,690.56	97.49	29.41	-83.02	5,655.85	-215.17	6,287.63	6,176.55	111.08	56.605	
8,500.00	6,227.00	5,962.00	5,690.56	97.72	29.41	-83.02	5,655.85	-215.17	6,218.98	6,107.74	111.24	55.905	
8,600.00	6,227.00	5,962.00	5,690.56	97.97	29.41	-83.02	5,655.85	-215.17	6,151.19	6,039.78	111.41	55.210	
8,700.00	6,227.00	5,962.00	5,690.56	98.23	29.41	-83.02	5,655.85	-215.17	6,084.29	5,972.69	111.59	54.523	
8,800.00	6,227.00	5,962.00	5,690.56	98.50	29.41	-83.02	5,655.85	-215.17	6,018.30	5,906.52	111.78	53.842	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE E-A-24HNA - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 511-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
8,900.00	6,227.00	5,962.00	5,690.56	98.79	29.41	-83.02	5,655.85	-215.17	5,953.26	5,841.30	111.97	53.169	
9,000.00	6,227.00	5,962.00	5,690.56	99.09	29.41	-83.02	5,655.85	-215.17	5,889.21	5,777.04	112.17	52.503	
9,100.00	6,227.00	5,962.00	5,690.56	99.41	29.41	-83.02	5,655.85	-215.17	5,826.16	5,713.79	112.38	51.844	
9,200.00	6,227.00	5,962.00	5,690.56	99.75	29.41	-83.02	5,655.85	-215.17	5,764.16	5,651.57	112.59	51.195	
9,300.00	6,227.00	5,962.00	5,690.56	100.10	29.41	-83.02	5,655.85	-215.17	5,703.25	5,590.43	112.82	50.553	
9,400.00	6,227.00	5,962.00	5,690.56	100.47	29.41	-83.02	5,655.85	-215.17	5,643.44	5,530.39	113.05	49.921	
9,500.00	6,227.00	5,962.00	5,690.56	100.86	29.41	-83.02	5,655.85	-215.17	5,584.79	5,471.50	113.29	49.298	
9,600.00	6,227.00	5,962.00	5,690.56	101.26	29.41	-83.02	5,655.85	-215.17	5,527.32	5,413.78	113.53	48.685	
9,700.00	6,227.00	5,962.00	5,690.56	101.68	29.41	-83.02	5,655.85	-215.17	5,471.07	5,357.29	113.79	48.082	
9,800.00	6,227.00	5,962.00	5,690.56	102.13	29.41	-83.02	5,655.85	-215.17	5,416.09	5,302.04	114.05	47.490	
9,900.00	6,227.00	5,962.00	5,690.56	102.59	29.41	-83.02	5,655.85	-215.17	5,362.41	5,248.10	114.32	46.909	
10,000.00	6,227.00	5,962.00	5,690.56	103.07	29.41	-83.02	5,655.85	-215.17	5,310.07	5,195.48	114.59	46.339	
10,100.00	6,227.00	5,962.00	5,690.56	103.58	29.41	-83.02	5,655.85	-215.17	5,259.12	5,144.24	114.87	45.782	
10,200.00	6,227.00	5,962.00	5,690.56	104.10	29.41	-83.02	5,655.85	-215.17	5,209.58	5,094.42	115.16	45.237	
10,300.00	6,227.00	5,962.00	5,690.56	104.65	29.41	-83.02	5,655.85	-215.17	5,161.50	5,046.05	115.46	44.705	
10,400.00	6,227.00	5,962.00	5,690.56	105.22	29.41	-83.02	5,655.85	-215.17	5,114.93	4,999.17	115.76	44.186	
10,500.00	6,227.00	5,962.00	5,690.56	105.82	29.41	-83.02	5,655.85	-215.17	5,069.90	4,953.84	116.06	43.682	
10,600.00	6,227.00	5,962.00	5,690.56	106.43	29.41	-83.02	5,655.85	-215.17	5,026.46	4,910.09	116.37	43.192	
10,700.00	6,227.00	5,962.00	5,690.56	107.07	29.41	-83.02	5,655.85	-215.17	4,984.65	4,867.96	116.69	42.717	
10,800.00	6,227.00	5,962.00	5,690.56	107.74	29.41	-83.02	5,655.85	-215.17	4,944.51	4,827.50	117.01	42.258	
10,900.00	6,227.00	5,962.00	5,690.56	108.42	29.41	-83.02	5,655.85	-215.17	4,906.08	4,788.75	117.33	41.814	
11,000.00	6,227.00	5,962.00	5,690.56	109.14	29.41	-83.02	5,655.85	-215.17	4,869.39	4,751.74	117.65	41.387	
11,100.00	6,227.00	5,962.00	5,690.56	109.87	29.41	-83.02	5,655.85	-215.17	4,834.50	4,716.52	117.98	40.977	
11,200.00	6,227.00	5,962.00	5,690.56	110.64	29.41	-83.02	5,655.85	-215.17	4,801.44	4,683.13	118.31	40.585	
11,300.00	6,227.00	4,765.00	4,567.84	111.43	21.63	-68.15	5,791.74	121.76	4,769.37	4,661.72	107.65	44.305	
11,400.00	6,227.00	4,765.00	4,567.84	112.24	21.63	-68.15	5,791.74	121.76	4,737.18	4,629.29	107.89	43.909	
11,500.00	6,227.00	4,765.00	4,567.84	113.08	21.63	-68.15	5,791.74	121.76	4,706.90	4,598.77	108.13	43.532	
11,600.00	6,227.00	4,765.00	4,567.84	113.94	21.63	-68.15	5,791.74	121.76	4,678.55	4,570.19	108.37	43.174	
11,700.00	6,227.00	4,765.00	4,567.84	114.83	21.63	-68.15	5,791.74	121.76	4,652.19	4,543.58	108.60	42.836	
11,800.00	6,227.00	4,731.01	4,538.17	115.74	21.34	-67.73	5,799.65	136.34	4,627.43	4,518.96	108.47	42.661	
11,900.00	6,227.00	4,723.65	4,531.73	116.68	21.27	-67.63	5,801.40	139.43	4,604.92	4,496.30	108.63	42.393	
12,000.00	6,227.00	4,716.20	4,525.19	117.64	21.21	-67.54	5,803.18	142.54	4,584.45	4,475.68	108.78	42.146	
12,100.00	6,227.00	4,708.63	4,518.55	118.63	21.14	-67.45	5,805.00	145.67	4,566.04	4,457.12	108.92	41.920	
12,200.00	6,227.00	4,670.00	4,484.50	119.64	20.80	-66.97	5,814.50	161.27	4,550.04	4,441.32	108.72	41.851	
12,300.00	6,227.00	4,670.00	4,484.50	120.68	20.80	-66.97	5,814.50	161.27	4,535.67	4,426.73	108.94	41.634	
12,400.00	6,227.00	4,670.00	4,484.50	121.74	20.80	-66.97	5,814.50	161.27	4,523.46	4,414.31	109.16	41.439	
12,500.00	6,227.00	4,670.00	4,484.50	122.82	20.80	-66.97	5,814.50	161.27	4,513.44	4,404.07	109.37	41.266	
12,600.00	6,227.00	4,667.42	4,482.23	123.92	20.78	-66.94	5,815.14	162.29	4,505.61	4,396.06	109.55	41.127	
12,700.00	6,227.00	4,641.31	4,459.14	125.04	20.56	-66.62	5,821.61	172.62	4,499.91	4,390.45	109.46	41.109	
12,800.00	6,227.00	4,616.01	4,436.73	126.19	20.35	-66.31	5,827.78	182.65	4,496.28	4,386.91	109.37	41.110	
12,900.00	6,227.00	4,556.30	4,383.84	127.35	19.85	-65.57	5,841.88	206.48	4,494.73	4,385.86	108.87	41.284	
12,932.17	6,227.00	4,548.85	4,377.24	127.73	19.79	-65.47	5,843.59	209.50	4,494.62	4,385.78	108.85	41.293 CC, ES	
13,000.00	6,227.00	4,548.77	4,377.14	128.54	19.79	-65.47	5,843.72	209.38	4,495.28	4,386.31	108.97	41.252	
13,100.00	6,227.00	4,479.00	4,315.43	129.74	19.20	-64.61	5,859.68	237.76	4,497.70	4,389.37	108.33	41.519	
13,200.00	6,227.00	4,454.85	4,294.12	130.97	19.00	-64.31	5,865.19	247.70	4,502.11	4,393.90	108.21	41.605	
13,300.00	6,227.00	4,432.21	4,274.17	132.21	18.81	-64.03	5,870.51	256.98	4,508.62	4,400.51	108.11	41.705	
13,400.00	6,227.00	4,408.27	4,253.10	133.47	18.61	-63.73	5,876.30	266.77	4,517.22	4,409.23	107.98	41.832	
13,500.00	6,227.00	4,384.00	4,231.78	134.74	18.41	-63.43	5,882.34	276.66	4,527.87	4,420.02	107.85	41.982	
13,600.00	6,227.00	4,384.00	4,231.78	136.03	18.41	-63.43	5,882.34	276.66	4,540.64	4,432.64	108.00	42.045	
13,700.00	6,227.00	4,356.52	4,207.62	137.34	18.19	-63.09	5,889.26	287.78	4,555.41	4,447.59	107.81	42.252	
13,800.00	6,227.00	4,343.12	4,195.81	138.67	18.08	-62.93	5,892.63	293.15	4,572.28	4,464.49	107.79	42.419	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE E-A-24HNA - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 511-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,900.00	6,227.00	4,329.76	4,184.03	140.00	17.97	-62.76	5,895.98	298.48	4,591.20	4,483.44	107.76	42.607	
14,000.00	6,227.00	4,316.44	4,172.26	141.36	17.86	-62.60	5,899.32	303.76	4,612.14	4,504.42	107.72	42.816	
14,100.00	6,227.00	4,288.00	4,147.10	142.72	17.63	-62.25	5,906.43	314.93	4,635.11	4,527.61	107.50	43.117	
14,200.00	6,227.00	4,288.00	4,147.10	144.10	17.63	-62.25	5,906.43	314.93	4,659.96	4,552.35	107.60	43.307	
14,300.00	6,227.00	4,288.00	4,147.10	145.49	17.63	-62.25	5,906.43	314.93	4,686.80	4,579.11	107.70	43.518	
14,400.00	6,227.00	4,260.04	4,122.30	146.90	17.41	-61.91	5,913.44	325.77	4,715.48	4,608.01	107.47	43.877	
14,500.00	6,227.00	7,930.00	6,279.41	148.31	37.11	-90.44	7,299.72	-414.27	4,719.46	4,554.55	164.90	28.620	
14,600.00	6,227.00	8,008.29	6,281.19	149.74	38.00	-90.46	7,377.96	-416.00	4,722.05	4,554.61	167.43	28.203	
14,700.00	6,227.00	8,060.46	6,283.46	151.18	38.62	-90.49	7,430.07	-417.50	4,725.37	4,556.00	169.37	27.900	
14,800.00	6,227.00	8,122.00	6,286.03	152.62	39.38	-90.52	7,491.50	-420.14	4,729.89	4,558.36	171.53	27.575	
14,900.00	6,227.00	8,240.71	6,287.91	154.08	40.90	-90.54	7,610.06	-425.51	4,734.85	4,559.73	175.12	27.038	
15,000.00	6,227.00	8,348.84	6,285.51	155.55	42.33	-90.51	7,718.09	-429.32	4,738.68	4,560.20	178.48	26.550	
15,100.00	6,227.00	8,411.00	6,283.22	157.03	43.18	-90.49	7,780.15	-432.08	4,743.35	4,562.63	180.72	26.247	
15,200.00	6,227.00	8,468.73	6,281.00	158.51	43.99	-90.46	7,837.76	-435.12	4,748.85	4,565.99	182.86	25.970	
15,300.00	6,227.00	8,776.32	6,279.44	160.01	48.38	-90.44	8,145.02	-445.24	4,752.50	4,561.20	191.31	24.842	
15,400.00	6,227.00	8,860.05	6,280.87	161.51	49.59	-90.46	8,228.73	-446.25	4,754.08	4,559.91	194.18	24.483	
15,500.00	6,227.00	8,914.20	6,281.21	163.02	50.39	-90.46	8,282.87	-447.20	4,756.27	4,559.95	196.32	24.228	
15,600.00	6,227.00	8,982.00	6,282.37	164.54	51.41	-90.47	8,350.62	-449.50	4,759.80	4,561.00	198.80	23.943	
15,700.00	6,227.00	9,061.75	6,284.02	166.06	52.62	-90.49	8,430.29	-452.63	4,763.96	4,562.36	201.60	23.631	
15,800.00	6,227.00	9,118.54	6,285.05	167.59	53.49	-90.51	8,487.04	-454.74	4,768.15	4,564.34	203.81	23.395	
15,900.00	6,227.00	9,172.00	6,286.43	169.13	54.31	-90.52	8,540.41	-457.46	4,773.50	4,567.57	205.92	23.181	
16,000.00	6,227.00	9,224.82	6,287.92	170.68	55.14	-90.54	8,593.11	-460.65	4,779.82	4,571.80	208.02	22.978	
16,100.00	6,227.00	9,268.00	6,289.03	172.23	55.82	-90.55	8,636.18	-463.48	4,786.97	4,577.13	209.84	22.813	
16,200.00	6,227.00	9,319.72	6,289.89	173.78	56.65	-90.56	8,687.74	-467.45	4,795.17	4,583.29	211.88	22.632	
16,300.00	6,227.00	9,362.00	6,290.01	175.35	57.33	-90.56	8,729.84	-471.35	4,804.69	4,591.06	213.64	22.490	
16,400.00	6,227.00	9,480.48	6,289.60	176.92	59.26	-90.56	8,847.79	-482.43	4,814.36	4,596.81	217.55	22.130	
16,500.00	6,227.00	9,552.00	6,289.43	178.49	60.43	-90.55	8,918.96	-489.57	4,824.58	4,604.44	220.14	21.916	
16,600.00	6,227.00	9,641.05	6,288.83	180.07	61.90	-90.55	9,007.52	-498.82	4,835.27	4,612.03	223.24	21.659	
16,700.00	6,227.00	9,742.00	6,287.43	181.65	63.57	-90.53	9,107.95	-509.02	4,845.71	4,619.03	226.69	21.376	
16,800.00	6,227.00	9,844.54	6,286.70	183.24	65.28	-90.52	9,209.96	-519.39	4,856.16	4,625.98	230.19	21.097	
16,900.00	6,227.00	10,249.76	6,283.41	184.84	72.01	-90.48	9,614.02	-548.38	4,864.43	4,622.41	242.02	20.099	
17,000.00	6,227.00	10,348.36	6,282.31	186.43	73.64	-90.46	9,712.54	-552.06	4,868.50	4,623.08	245.42	19.838	
17,100.00	6,227.00	10,460.48	6,282.04	188.04	75.49	-90.46	9,824.58	-556.37	4,872.72	4,623.55	249.17	19.556	
17,200.00	6,227.00	10,565.23	6,278.85	189.64	77.24	-90.42	9,929.22	-559.85	4,876.36	4,623.63	252.73	19.294	
17,300.00	6,227.00	10,681.01	6,274.44	191.25	79.17	-90.37	10,044.85	-563.65	4,879.96	4,623.37	256.59	19.019	
17,400.00	6,227.00	10,878.89	6,269.83	192.87	82.46	-90.31	10,242.62	-567.62	4,882.18	4,619.65	262.54	18.596	
17,500.00	6,227.00	10,952.86	6,269.06	194.48	83.69	-90.31	10,316.59	-568.60	4,883.87	4,618.54	265.33	18.407	
17,600.00	6,227.00	11,000.67	6,269.24	196.11	84.49	-90.31	10,364.39	-569.55	4,886.30	4,618.87	267.44	18.271	
17,677.76	6,227.00	11,030.00	6,269.64	197.37	84.98	-90.31	10,393.70	-570.54	4,889.12	4,620.26	268.86	18.185 SF	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE E-A-24HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 484-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	16.95	16.95	0.00	0.03	7.80	6,081.43	833.32	6,138.26				
100.00	100.00	122.86	122.86	0.27	0.21	7.80	6,081.37	833.27	6,138.19	6,137.71	0.48	N/A	
200.00	199.98	228.74	228.74	0.62	0.40	-76.89	6,081.22	833.14	6,137.64	6,136.62	1.02	6,027.057	
300.00	299.84	334.49	334.49	0.99	0.58	-76.97	6,080.97	832.93	6,136.20	6,134.63	1.56	3,928.747	
400.00	399.45	439.95	439.95	1.36	0.76	-77.10	6,080.64	832.64	6,133.88	6,131.76	2.12	2,893.258	
500.00	498.70	552.87	552.87	1.75	1.08	-77.29	6,080.15	832.31	6,130.69	6,127.86	2.84	2,160.575	
600.00	597.47	652.54	652.53	2.18	1.44	-77.51	6,079.40	832.40	6,126.50	6,122.89	3.61	1,696.207	
700.00	695.62	736.69	736.68	2.63	1.74	-77.75	6,078.96	832.54	6,121.83	6,117.47	4.36	1,403.266	
800.00	793.06	886.91	886.89	3.12	2.27	-78.17	6,077.92	832.90	6,116.43	6,111.04	5.39	1,135.455	
900.00	889.64	970.00	969.98	3.66	2.57	-78.48	6,076.74	833.64	6,109.70	6,103.49	6.21	983.326	
1,000.00	985.27	1,009.45	1,009.42	4.25	2.70	-78.72	6,076.39	833.99	6,102.99	6,096.06	6.93	880.866	
1,100.00	1,079.82	1,062.00	1,061.97	4.89	2.88	-79.00	6,076.75	834.17	6,096.84	6,089.10	7.74	787.636	
1,200.00	1,173.17	1,062.00	1,061.97	5.58	2.88	-79.12	6,076.75	834.17	6,090.98	6,082.55	8.43	722.471	
1,300.00	1,265.21	1,116.88	1,116.83	6.34	3.06	-79.42	6,077.92	834.25	6,085.55	6,076.19	9.36	649.865	
1,400.00	1,355.84	1,155.00	1,154.94	7.16	3.19	-79.67	6,079.09	834.37	6,080.54	6,070.24	10.31	589.991	
1,500.00	1,444.84	1,155.00	1,154.94	8.05	3.19	-79.75	6,079.09	834.37	6,076.28	6,065.10	11.19	543.138	
1,600.00	1,532.39	1,213.84	1,213.72	9.02	3.39	-80.09	6,081.73	834.55	6,072.16	6,059.82	12.34	492.091	
1,700.00	1,618.11	1,246.00	1,245.82	10.05	3.50	-80.31	6,083.69	834.61	6,068.93	6,055.45	13.47	450.458	
1,800.00	1,701.97	1,394.09	1,393.67	11.16	4.01	-81.14	6,092.10	833.76	6,065.11	6,050.02	15.09	401.918	
1,900.00	1,783.88	1,429.00	1,428.52	12.35	4.13	-81.41	6,094.02	833.16	6,061.39	6,045.00	16.39	369.834	
2,000.00	1,863.74	1,489.66	1,489.05	13.61	4.34	-81.82	6,097.70	831.83	6,058.09	6,040.23	17.86	339.198	
2,100.00	1,941.45	1,545.97	1,545.21	14.95	4.54	-82.22	6,101.57	830.40	6,055.47	6,036.07	19.40	312.213	
2,112.50	1,951.01	1,560.96	1,560.16	15.12	4.59	-82.32	6,102.59	830.01	6,055.16	6,035.54	19.62	308.598	
2,200.00	2,017.79	1,738.90	1,737.73	16.35	5.23	-83.43	6,113.12	825.38	6,052.73	6,031.25	21.48	281.726	
2,300.00	2,094.11	1,836.54	1,835.21	17.76	5.58	-84.05	6,117.65	822.27	6,049.59	6,026.34	23.25	260.249	
2,400.00	2,170.44	3,362.34	3,341.19	19.17	11.22	-94.32	5,998.47	702.29	6,031.77	6,002.05	29.72	202.958	
2,500.00	2,246.76	3,395.53	3,372.10	20.60	11.39	-94.59	5,992.20	691.97	6,013.60	5,982.28	31.32	192.001	
2,600.00	2,323.08	3,422.00	3,396.52	22.03	11.52	-94.82	5,987.30	683.01	5,996.80	5,963.89	32.91	182.238	
2,700.00	2,399.41	3,450.87	3,422.95	23.47	11.67	-95.07	5,982.04	672.63	5,981.40	5,946.88	34.52	173.255	
2,800.00	2,475.73	3,474.92	3,444.80	24.91	11.80	-95.28	5,977.75	663.57	5,967.46	5,931.33	36.13	165.186	
2,900.00	2,552.05	3,518.00	3,483.60	26.36	12.04	-95.65	5,970.27	646.40	5,955.06	5,917.25	37.82	157.478	
3,000.00	2,628.38	3,518.00	3,483.60	27.80	12.04	-95.65	5,970.27	646.40	5,944.03	5,904.71	39.32	151.182	
3,100.00	2,704.70	3,557.03	3,518.36	29.25	12.27	-96.00	5,963.59	629.96	5,934.52	5,893.50	41.02	144.690	
3,200.00	2,781.02	3,591.63	3,548.89	30.71	12.48	-96.31	5,957.66	614.79	5,926.45	5,883.76	42.69	138.821	
3,300.00	2,857.35	3,614.00	3,568.47	32.16	12.62	-96.51	5,953.83	604.69	5,919.85	5,875.55	44.30	133.623	
3,400.00	2,933.67	3,614.00	3,568.47	33.62	12.62	-96.51	5,953.83	604.69	5,914.90	5,869.10	45.79	129.163	
3,500.00	3,009.99	3,653.35	3,602.63	35.07	12.88	-96.87	5,947.17	586.33	5,911.35	5,863.84	47.51	124.422	
3,600.00	3,086.31	3,669.11	3,616.21	36.53	12.99	-97.01	5,944.57	578.76	5,909.49	5,860.41	49.08	120.402	
3,665.90	3,136.61	3,679.10	3,624.79	37.49	13.05	-97.10	5,942.93	573.89	5,909.14	5,859.03	50.11	117.925	
3,700.00	3,162.64	3,709.00	3,650.28	37.99	13.26	-97.38	5,938.12	559.05	5,909.35	5,858.56	50.79	116.355	
3,800.00	3,238.96	3,709.00	3,650.28	39.45	13.26	-97.38	5,938.12	559.05	5,910.61	5,858.36	52.24	113.133	
3,900.00	3,315.28	3,709.00	3,650.28	40.91	13.26	-97.38	5,938.12	559.05	5,913.56	5,859.87	53.69	110.145	
4,000.00	3,391.61	3,737.03	3,674.08	42.37	13.46	-97.64	5,933.69	544.90	5,918.11	5,862.80	55.31	107.002	
4,100.00	3,467.93	3,759.51	3,693.15	43.84	13.63	-97.84	5,930.17	533.55	5,924.22	5,867.35	56.88	104.160	
4,200.00	3,544.25	3,781.89	3,712.14	45.30	13.79	-98.05	5,926.70	522.22	5,931.90	5,873.47	58.43	101.523	
4,300.00	3,620.58	3,862.37	3,780.58	46.76	14.41	-98.79	5,913.89	481.87	5,940.85	5,880.46	60.38	98.385	
4,400.00	3,696.90	3,928.40	3,836.87	48.23	14.94	-99.39	5,903.08	449.09	5,951.18	5,888.94	62.24	95.623	
4,500.00	3,773.22	3,945.38	3,851.36	49.69	15.08	-99.55	5,900.28	440.69	5,962.96	5,899.25	63.72	93.587	
4,600.00	3,849.55	3,962.22	3,865.73	51.16	15.22	-99.70	5,897.55	432.33	5,976.31	5,911.13	65.18	91.696	
4,700.00	3,925.87	3,996.00	3,894.51	52.62	15.49	-100.01	5,892.18	415.50	5,991.25	5,924.51	66.74	89.767	
4,800.00	4,002.19	3,996.00	3,894.51	54.09	15.49	-100.01	5,892.18	415.50	6,007.64	5,939.61	68.03	88.304	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE E-A-24HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 484-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	
4,900.00	4,078.51	3,996.00	3,894.51	55.56	15.49	-100.01	5,892.18	415.50	6,025.64	5,956.34	69.30	86.948	
5,000.00	4,154.84	3,996.00	3,894.51	57.02	15.49	-100.01	5,892.18	415.50	6,045.25	5,974.70	70.55	85.692	
5,100.00	4,231.16	3,996.00	3,894.51	58.49	15.49	-100.01	5,892.18	415.50	6,066.44	5,994.67	71.77	84.531	
5,200.00	4,307.48	4,033.26	3,926.25	59.96	15.81	-100.35	5,886.60	396.78	6,088.81	6,015.54	73.26	83.111	
5,300.00	4,383.81	4,042.56	3,934.17	61.43	15.89	-100.44	5,885.29	392.08	6,112.90	6,038.39	74.51	82.044	
5,400.00	4,460.13	4,051.83	3,942.05	62.89	15.97	-100.52	5,884.02	387.39	6,138.48	6,062.75	75.73	81.059	
5,500.00	4,536.45	4,091.00	3,975.39	64.36	16.30	-100.88	5,878.99	367.45	6,165.78	6,088.61	77.17	79.901	
5,600.00	4,612.78	4,091.00	3,975.39	65.83	16.30	-100.88	5,878.99	367.45	6,194.14	6,115.88	78.26	79.145	
5,700.00	4,689.10	4,091.00	3,975.39	67.30	16.30	-100.88	5,878.99	367.45	6,223.99	6,144.66	79.33	78.455	
5,800.00	4,765.42	4,091.00	3,975.39	68.77	16.30	-100.88	5,878.99	367.45	6,255.29	6,174.92	80.37	77.827	
5,900.00	4,841.75	4,186.82	4,057.01	70.24	17.14	-101.75	5,866.93	318.72	6,287.85	6,205.66	82.20	76.496	
6,000.00	4,918.07	4,181.57	4,052.54	71.70	17.10	-101.71	5,867.59	321.38	6,321.53	6,238.38	83.15	76.029	
6,100.00	4,994.39	4,214.28	4,080.34	73.17	17.40	-102.00	5,863.34	304.69	6,356.46	6,272.06	84.40	75.315	
6,200.00	5,070.72	4,227.72	4,091.71	74.64	17.52	-102.13	5,861.60	297.74	6,392.73	6,307.28	85.46	74.808	
6,300.00	5,147.04	4,240.74	4,102.69	76.11	17.64	-102.25	5,859.90	290.95	6,430.30	6,343.81	86.48	74.353	
6,400.00	5,223.36	4,253.36	4,113.30	77.58	17.76	-102.36	5,858.27	284.32	6,469.13	6,381.65	87.48	73.948	
6,500.00	5,299.68	4,281.00	4,136.43	79.05	18.01	-102.61	5,854.70	269.61	6,509.25	6,420.67	88.58	73.481	
6,600.00	5,376.01	4,281.00	4,136.43	80.52	18.01	-102.61	5,854.70	269.61	6,550.52	6,461.10	89.42	73.254	
6,700.00	5,452.33	4,281.00	4,136.43	81.99	18.01	-102.61	5,854.70	269.61	6,593.04	6,502.81	90.23	73.067	
6,800.00	5,528.65	4,281.00	4,136.43	83.46	18.01	-102.61	5,854.70	269.61	6,636.80	6,545.78	91.02	72.916	
6,900.00	5,604.98	4,281.00	4,136.43	84.93	18.01	-102.61	5,854.70	269.61	6,681.77	6,589.99	91.78	72.801	
7,000.00	5,681.30	4,319.10	4,168.13	86.40	18.39	-102.96	5,849.91	249.02	6,727.63	6,634.76	92.87	72.444	
7,100.00	5,757.62	4,329.09	4,176.42	87.87	18.48	-103.05	5,848.70	243.59	6,774.77	6,681.10	93.67	72.325	
7,176.71	5,816.17	4,336.66	4,182.70	89.00	18.56	-103.12	5,847.79	239.45	6,811.68	6,717.41	94.27	72.255	
7,200.00	5,833.92	4,338.92	4,184.57	89.34	18.58	-100.05	5,847.53	238.21	6,822.62	6,728.16	94.45	72.232	
7,250.00	5,871.73	4,343.58	4,188.43	90.07	18.63	-93.73	5,846.97	235.66	6,843.56	6,748.70	94.85	72.150	
7,300.00	5,908.91	4,374.00	4,213.57	90.78	18.92	-88.12	5,843.47	218.90	6,861.07	6,765.58	95.49	71.848	
7,350.00	5,945.18	4,733.91	4,520.43	91.48	22.40	-85.76	5,800.72	36.04	6,874.03	6,774.94	99.08	69.376	
7,400.00	5,980.26	4,745.77	4,530.66	92.14	22.51	-81.10	5,799.14	30.24	6,883.30	6,783.74	99.56	69.137	
7,450.00	6,013.88	4,757.00	4,540.33	92.77	22.62	-77.06	5,797.65	24.74	6,888.82	6,788.80	100.02	68.874	
7,500.00	6,045.79	4,768.99	4,550.67	93.36	22.74	-73.63	5,796.06	18.88	6,890.56	6,790.08	100.47	68.581	
7,550.00	6,075.75	4,780.17	4,560.31	93.90	22.84	-70.77	5,794.58	13.42	6,888.50	6,787.60	100.90	68.272	
7,600.00	6,103.52	4,789.79	4,568.62	94.40	22.94	-68.45	5,793.32	8.73	6,882.67	6,781.39	101.28	67.955	
7,650.00	6,128.89	4,797.76	4,575.50	94.85	23.01	-66.63	5,792.28	4.86	6,873.11	6,771.49	101.63	67.632	
7,700.00	6,151.68	4,803.95	4,580.86	95.25	23.07	-65.28	5,791.47	1.85	6,859.88	6,757.96	101.92	67.306	
7,750.00	6,171.71	4,808.29	4,584.61	95.60	23.11	-64.40	5,790.91	-0.25	6,843.07	6,740.90	102.17	66.978	
7,800.00	6,188.82	4,810.70	4,586.69	95.91	23.14	-63.96	5,790.60	-1.42	6,822.77	6,720.40	102.37	66.651	
7,850.00	6,202.89	4,811.11	4,587.05	96.16	23.14	-63.97	5,790.54	-1.62	6,799.12	6,696.60	102.51	66.323	
7,900.00	6,213.81	4,809.48	4,585.64	96.38	23.13	-64.46	5,790.75	-0.83	6,772.26	6,669.64	102.61	65.997	
7,950.00	6,221.49	4,805.80	4,582.45	96.55	23.09	-65.44	5,791.23	0.96	6,742.35	6,639.68	102.67	65.671	
8,000.00	6,225.88	4,800.06	4,577.49	96.69	23.04	-66.99	5,791.98	3.75	6,709.59	6,606.91	102.68	65.344	
8,040.96	6,227.00	4,793.84	4,572.11	96.77	22.98	-68.73	5,792.79	6.77	6,680.77	6,578.11	102.66	65.075	
8,100.00	6,227.00	4,783.85	4,563.49	96.88	22.88	-68.61	5,794.10	11.63	6,638.12	6,535.50	102.62	64.689	
8,200.00	6,227.00	4,766.71	4,548.70	97.07	22.71	-68.40	5,796.36	19.99	6,566.43	6,463.89	102.54	64.040	
8,300.00	6,227.00	4,751.71	4,535.77	97.28	22.57	-68.21	5,798.35	27.33	6,495.45	6,392.98	102.48	63.383	
8,400.00	6,227.00	4,739.73	4,525.44	97.49	22.45	-68.07	5,799.95	33.20	6,425.22	6,322.77	102.45	62.714	
8,500.00	6,227.00	4,727.76	4,515.13	97.72	22.34	-67.92	5,801.54	39.05	6,355.77	6,253.34	102.43	62.049	
8,600.00	6,227.00	4,715.79	4,502.80	97.97	22.21	-67.79	5,803.13	44.92	6,282.01	6,188.17	102.41	61.384	
8,700.00	6,227.00	4,703.82	4,490.47	98.23	22.07	-67.66	5,804.72	50.79	6,212.46	6,119.59	102.39	60.719	
8,800.00	6,227.00	4,691.85	4,478.14	98.50	21.92	-67.53	5,806.31	56.66	6,142.46	6,051.86	102.37	60.054	
8,900.00	6,227.00	4,679.88	4,465.81	98.79	21.77	-67.40	5,807.90	62.53	6,072.46	5,985.00	102.35	59.389	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE E-A-24HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 484-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	
9,000.00	6,227.00	4,323.66	4,171.91	99.09	18.43	-62.93	5,849.36	246.55	6,018.05	5,919.06	98.99	60.792	
9,100.00	6,227.00	4,318.92	4,167.98	99.41	18.38	-62.87	5,849.94	249.12	5,953.09	5,854.05	99.04	60.107	
9,200.00	6,227.00	4,314.11	4,163.99	99.75	18.34	-62.81	5,850.53	251.73	5,889.10	5,790.00	99.09	59.430	
9,300.00	6,227.00	4,281.00	4,136.43	100.10	18.01	-62.40	5,854.70	269.61	5,826.29	5,727.43	98.86	58.936	
9,400.00	6,227.00	4,281.00	4,136.43	100.47	18.01	-62.40	5,854.70	269.61	5,764.28	5,665.31	98.97	58.245	
9,500.00	6,227.00	4,281.00	4,136.43	100.86	18.01	-62.40	5,854.70	269.61	5,703.35	5,604.27	99.08	57.565	
9,600.00	6,227.00	4,281.00	4,136.43	101.26	18.01	-62.40	5,854.70	269.61	5,643.54	5,544.34	99.19	56.893	
9,700.00	6,227.00	4,281.00	4,136.43	101.68	18.01	-62.40	5,854.70	269.61	5,584.87	5,485.56	99.32	56.233	
9,800.00	6,227.00	4,281.00	4,136.43	102.13	18.01	-62.40	5,854.70	269.61	5,527.40	5,427.95	99.44	55.582	
9,900.00	6,227.00	4,281.00	4,136.43	102.59	18.01	-62.40	5,854.70	269.61	5,471.14	5,371.57	99.58	54.943	
10,000.00	6,227.00	4,281.00	4,136.43	103.07	18.01	-62.40	5,854.70	269.61	5,416.15	5,316.44	99.72	54.316	
10,100.00	6,227.00	4,281.00	4,136.43	103.58	18.01	-62.40	5,854.70	269.61	5,362.46	5,262.60	99.86	53.700	
10,200.00	6,227.00	4,281.00	4,136.43	104.10	18.01	-62.40	5,854.70	269.61	5,310.12	5,210.11	100.01	53.096	
10,300.00	6,227.00	4,281.00	4,136.43	104.65	18.01	-62.40	5,854.70	269.61	5,259.15	5,158.98	100.16	52.506	
10,400.00	6,227.00	4,281.00	4,136.43	105.22	18.01	-62.40	5,854.70	269.61	5,209.60	5,109.28	100.32	51.928	
10,500.00	6,227.00	4,250.56	4,110.95	105.82	17.73	-62.02	5,858.63	285.79	5,161.27	5,061.12	100.15	51.536	
10,600.00	6,227.00	4,245.82	4,106.97	106.43	17.69	-61.96	5,859.25	288.29	5,114.60	5,014.33	100.26	51.012	
10,700.00	6,227.00	4,241.07	4,102.97	107.07	17.64	-61.90	5,859.86	290.78	5,069.46	4,969.08	100.38	50.503	
10,800.00	6,227.00	4,236.31	4,098.96	107.74	17.60	-61.84	5,860.48	293.27	5,025.89	4,925.39	100.50	50.009	
10,900.00	6,227.00	4,231.55	4,094.95	108.42	17.56	-61.78	5,861.10	295.75	4,983.94	4,883.32	100.62	49.530	
11,000.00	6,227.00	4,226.78	4,090.92	109.14	17.51	-61.72	5,861.72	298.23	4,943.64	4,842.89	100.75	49.067	
11,100.00	6,227.00	4,222.00	4,086.88	109.87	17.47	-61.66	5,862.34	300.71	4,905.04	4,804.16	100.88	48.621	
11,200.00	6,227.00	4,217.22	4,082.83	110.64	17.42	-61.60	5,862.96	303.18	4,868.18	4,767.16	101.02	48.192	
11,300.00	6,227.00	4,186.00	4,056.31	111.43	17.14	-61.21	5,867.04	319.13	4,833.28	4,732.45	100.83	47.935	
11,400.00	6,227.00	4,186.00	4,056.31	112.24	17.14	-61.21	5,867.04	319.13	4,799.94	4,698.92	101.02	47.513	
11,500.00	6,227.00	4,186.00	4,056.31	113.08	17.14	-61.21	5,867.04	319.13	4,768.46	4,667.24	101.22	47.109	
11,600.00	6,227.00	4,186.00	4,056.31	113.94	17.14	-61.21	5,867.04	319.13	4,738.88	4,637.46	101.42	46.725	
11,700.00	6,227.00	4,186.00	4,056.31	114.83	17.14	-61.21	5,867.04	319.13	4,711.24	4,609.62	101.62	46.360	
11,800.00	6,227.00	4,196.82	4,065.53	115.74	17.23	-61.35	5,865.61	313.66	4,685.57	4,583.61	101.96	45.954	
11,900.00	6,227.00	4,175.07	4,046.99	116.68	17.04	-61.08	5,868.46	324.67	4,661.90	4,560.01	101.89	45.753	
12,000.00	6,227.00	4,154.04	4,029.07	117.64	16.86	-60.81	5,871.16	335.33	4,640.21	4,538.39	101.83	45.569	
12,100.00	6,227.00	4,133.71	4,011.75	118.63	16.68	-60.56	5,873.73	345.66	4,620.53	4,518.76	101.77	45.403	
12,200.00	6,227.00	4,114.03	3,994.99	119.64	16.50	-60.31	5,876.18	355.69	4,602.88	4,501.17	101.71	45.254	
12,300.00	6,227.00	4,094.98	3,978.78	120.68	16.34	-60.07	5,878.51	365.42	4,587.29	4,485.63	101.66	45.124	
12,400.00	6,227.00	4,091.00	3,975.39	121.74	16.30	-60.02	5,878.99	367.45	4,573.79	4,471.99	101.80	44.928	
12,500.00	6,227.00	4,091.00	3,975.39	122.82	16.30	-60.02	5,878.99	367.45	4,562.45	4,460.45	102.00	44.731	
12,600.00	6,227.00	4,070.10	3,957.61	123.92	16.12	-59.76	5,881.60	378.11	4,553.20	4,451.29	101.91	44.679	
12,700.00	6,227.00	4,061.93	3,950.65	125.04	16.05	-59.66	5,882.67	382.27	4,546.14	4,444.15	101.99	44.574	
12,800.00	6,227.00	4,053.37	3,943.36	126.19	15.98	-59.55	5,883.81	386.61	4,541.24	4,439.18	102.06	44.495	
12,900.00	6,227.00	4,044.38	3,935.71	127.35	15.90	-59.44	5,885.04	391.16	4,538.52	4,436.39	102.12	44.442	
12,975.25	6,227.00	4,037.32	3,929.70	128.24	15.84	-59.35	5,886.03	394.73	4,537.90	4,435.74	102.16	44.418 CC, ES	
13,000.00	6,227.00	4,034.94	3,927.67	128.54	15.82	-59.32	5,886.36	395.94	4,537.97	4,435.79	102.18	44.413	
13,100.00	6,227.00	4,025.00	3,919.21	129.74	15.74	-59.20	5,887.79	400.94	4,539.59	4,437.37	102.22	44.411	
13,200.00	6,227.00	4,014.54	3,910.30	130.97	15.65	-59.07	5,889.34	406.21	4,543.38	4,441.14	102.25	44.436	
13,300.00	6,227.00	3,996.00	3,894.51	132.21	15.49	-58.84	5,892.18	415.50	4,549.34	4,447.18	102.16	44.530	
13,400.00	6,227.00	3,996.00	3,894.51	133.47	15.49	-58.84	5,892.18	415.50	4,557.44	4,455.11	102.32	44.539	
13,500.00	6,227.00	3,980.28	3,881.12	134.74	15.36	-58.64	5,894.66	423.34	4,567.67	4,465.40	102.27	44.663	
13,600.00	6,227.00	3,968.37	3,870.97	136.03	15.27	-58.49	5,896.56	429.27	4,580.02	4,477.76	102.26	44.788	
13,700.00	6,227.00	3,956.23	3,860.62	137.34	15.17	-58.34	5,898.52	435.31	4,594.48	4,492.24	102.24	44.937	
13,800.00	6,227.00	3,943.85	3,850.06	138.67	15.07	-58.19	5,900.53	441.45	4,611.01	4,508.80	102.22	45.111	
13,900.00	6,227.00	3,931.22	3,839.28	140.00	14.96	-58.03	5,902.61	447.69	4,629.61	4,527.42	102.18	45.308	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE E-A-24HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 484-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	
14,000.00	6,227.00	3,918.34	3,828.28	141.36	14.86	-57.87	5,904.75	454.05	4,650.23	4,548.09	102.14	45.529	
14,100.00	6,227.00	3,915.07	3,825.50	142.72	14.83	-57.83	5,905.26	455.68	4,672.85	4,570.63	102.22	45.716	
14,200.00	6,227.00	3,871.60	3,788.37	144.10	14.48	-57.29	5,912.56	477.10	4,697.43	4,595.67	101.76	46.164	
14,300.00	6,227.00	3,831.55	3,754.29	145.49	14.17	-56.79	5,919.01	497.09	4,723.85	4,622.52	101.33	46.618	
14,400.00	6,227.00	3,800.21	3,727.68	146.90	13.93	-56.40	5,923.88	512.93	4,752.10	4,651.08	101.02	47.043	
14,500.00	6,227.00	3,785.68	3,715.36	148.31	13.82	-56.22	5,926.11	520.30	4,782.21	4,681.28	100.93	47.383	
14,600.00	6,227.00	3,770.99	3,702.89	149.74	13.71	-56.04	5,928.38	527.74	4,814.16	4,713.33	100.83	47.746	
14,700.00	6,227.00	3,756.12	3,690.28	151.18	13.60	-55.85	5,930.70	535.26	4,847.92	4,747.19	100.73	48.129	
14,800.00	6,227.00	3,741.09	3,677.52	152.62	13.49	-55.67	5,933.05	542.86	4,883.44	4,782.82	100.62	48.535	
14,900.00	6,227.00	3,725.88	3,664.61	154.08	13.38	-55.48	5,935.45	550.53	4,920.69	4,820.19	100.50	48.960	
15,000.00	6,227.00	8,697.59	6,420.90	155.55	45.99	-92.07	7,866.64	-623.35	4,932.44	4,749.75	182.69	27.000	
15,100.00	6,227.00	8,753.02	6,421.01	157.03	46.71	-92.07	7,922.06	-623.99	4,933.91	4,749.07	184.84	26.693	
15,200.00	6,227.00	8,875.05	6,421.15	158.51	48.34	-92.07	8,044.07	-625.91	4,935.90	4,747.33	188.57	26.176	
15,300.00	6,227.00	8,882.00	6,421.07	160.01	48.43	-92.07	8,051.02	-625.98	4,938.20	4,748.62	189.58	26.048	
15,400.00	6,227.00	8,977.00	6,420.66	161.51	49.76	-92.06	8,145.97	-628.89	4,941.58	4,748.88	192.70	25.643	
15,500.00	6,227.00	8,977.00	6,420.66	163.02	49.76	-92.06	8,145.97	-628.89	4,946.00	4,752.50	193.50	25.561	
15,600.00	6,227.00	9,051.34	6,420.72	164.54	50.83	-92.06	8,220.20	-632.85	4,951.68	4,755.55	196.13	25.246	
15,700.00	6,227.00	9,282.13	6,420.63	166.06	54.21	-92.06	8,450.79	-642.35	4,955.94	4,753.24	202.69	24.450	
15,800.00	6,227.00	9,359.00	6,419.58	167.59	55.36	-92.04	8,527.60	-644.98	4,959.61	4,754.18	205.44	24.142	
15,900.00	6,227.00	9,446.08	6,418.83	169.13	56.67	-92.03	8,614.61	-648.26	4,963.67	4,755.22	208.44	23.813	
16,000.00	6,227.00	9,550.00	6,417.50	170.68	58.25	-92.01	8,718.47	-651.57	4,967.14	4,755.26	211.88	23.443	
16,100.00	6,227.00	9,619.03	6,416.22	172.23	59.31	-92.00	8,787.45	-653.95	4,971.03	4,756.57	214.45	23.180	
16,200.00	6,227.00	9,723.00	6,417.09	173.78	60.93	-92.01	8,891.31	-658.62	4,975.91	4,757.99	217.92	22.834	
16,300.00	6,227.00	9,800.54	6,419.50	175.35	62.15	-92.03	8,968.74	-661.80	4,980.51	4,759.79	220.72	22.565	
16,400.00	6,227.00	9,901.73	6,421.42	176.92	63.75	-92.05	9,069.80	-666.56	4,985.63	4,761.50	224.13	22.244	
16,500.00	6,227.00	9,978.29	6,421.56	178.49	64.97	-92.05	9,146.28	-670.09	4,990.63	4,763.71	226.92	21.993	
16,600.00	6,227.00	10,043.41	6,421.25	180.07	66.01	-92.05	9,211.30	-673.65	4,996.41	4,767.00	229.41	21.780	
16,700.00	6,227.00	10,226.99	6,425.61	181.65	68.98	-92.09	9,394.56	-683.08	5,002.25	4,767.27	234.98	21.288	
16,800.00	6,227.00	10,289.60	6,428.06	183.24	70.00	-92.12	9,457.07	-685.83	5,007.09	4,769.66	237.43	21.088	
16,900.00	6,227.00	10,358.57	6,430.36	184.84	71.12	-92.15	9,525.91	-689.26	5,012.54	4,772.50	240.04	20.882	
17,000.00	6,227.00	10,554.89	6,434.43	186.43	74.34	-92.19	9,721.96	-698.50	5,017.99	4,772.03	245.96	20.401	
17,100.00	6,227.00	10,648.83	6,433.79	188.04	75.88	-92.18	9,815.84	-701.65	5,021.69	4,772.45	249.24	20.148	
17,200.00	6,227.00	10,718.80	6,432.86	189.64	77.03	-92.17	9,885.75	-704.46	5,025.98	4,774.08	251.90	19.952	
17,300.00	6,227.00	10,792.00	6,431.45	191.25	78.24	-92.15	9,958.86	-707.68	5,030.70	4,776.05	254.64	19.756	
17,400.00	6,227.00	10,857.59	6,429.88	192.87	79.34	-92.13	10,024.35	-710.98	5,036.03	4,778.84	257.18	19.581	
17,500.00	6,227.00	10,923.29	6,428.10	194.48	80.44	-92.11	10,089.91	-714.87	5,042.17	4,782.45	259.72	19.414	
17,600.00	6,227.00	10,981.00	6,426.17	196.11	81.41	-92.08	10,147.47	-718.57	5,048.90	4,786.87	262.04	19.268	
17,677.76	6,227.00	11,042.33	6,423.68	197.37	82.45	-92.05	10,208.60	-722.87	5,054.55	4,790.27	264.28	19.126 SF	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE J-F-24HZ - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 94-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	50.98	50.98	0.00	0.08	7.01	6,081.65	748.26	6,127.62				
100.00	100.00	225.64	225.62	0.27	0.62	7.01	6,079.22	747.36	6,126.01	6,125.12	0.89	6,917.042	
200.00	199.98	314.87	314.83	0.62	0.94	-77.71	6,077.68	747.17	6,123.89	6,122.34	1.56	3,932.651	
300.00	299.84	420.33	420.28	0.99	1.32	-77.81	6,075.89	747.24	6,121.10	6,118.81	2.30	2,667.015	
400.00	399.45	488.72	488.66	1.36	1.56	-77.93	6,074.87	747.17	6,117.78	6,114.86	2.92	2,098.600	
500.00	498.70	581.72	581.65	1.75	1.90	-78.11	6,073.88	746.90	6,114.12	6,110.47	3.64	1,677.879	
600.00	597.47	680.71	680.64	2.18	2.25	-78.34	6,072.75	746.58	6,109.71	6,105.29	4.42	1,382.326	
700.00	695.62	770.23	770.15	2.63	2.57	-78.60	6,071.85	746.20	6,104.75	6,099.56	5.19	1,175.505	
800.00	793.06	877.46	877.38	3.12	2.96	-78.93	6,070.77	745.47	6,099.16	6,093.09	6.07	1,005.316	
900.00	889.64	971.62	971.53	3.66	3.29	-79.29	6,069.78	744.61	6,092.93	6,085.99	6.94	878.433	
1,000.00	985.27	1,075.25	1,075.14	4.25	3.67	-79.71	6,068.69	743.62	6,086.17	6,078.29	7.89	771.622	
1,100.00	1,079.82	1,172.05	1,171.94	4.89	4.01	-80.16	6,067.49	742.75	6,078.77	6,069.91	8.87	685.507	
1,200.00	1,173.17	1,258.00	1,257.88	5.58	4.32	-80.60	6,066.56	741.93	6,071.11	6,061.25	9.87	615.339	
1,300.00	1,265.21	1,346.91	1,346.77	6.34	4.64	-81.09	6,065.66	741.07	6,063.20	6,052.26	10.94	554.380	
1,400.00	1,355.84	1,433.34	1,433.20	7.16	4.95	-81.60	6,064.77	740.29	6,054.99	6,042.93	12.06	501.907	
1,500.00	1,444.94	1,516.37	1,516.23	8.05	5.25	-82.13	6,064.00	739.58	6,046.71	6,033.46	13.25	456.441	
1,600.00	1,532.39	1,610.93	1,610.78	9.02	5.59	-82.73	6,063.10	738.73	6,038.28	6,023.74	14.54	415.190	
1,700.00	1,618.11	1,720.52	1,720.35	10.05	5.98	-83.45	6,061.77	738.01	6,029.62	6,013.66	15.97	377.659	
1,800.00	1,701.97	1,800.84	1,800.66	11.16	6.27	-84.04	6,060.57	737.94	6,020.81	6,003.45	17.36	346.825	
1,900.00	1,783.88	1,870.36	1,870.18	12.35	6.52	-84.59	6,059.66	738.01	6,012.31	5,993.52	18.79	319.916	
2,000.00	1,863.74	2,976.00	2,965.75	13.61	10.77	-91.73	5,950.49	682.21	5,994.08	5,970.33	23.75	252.387	
2,100.00	1,941.45	3,022.43	3,011.13	14.95	10.97	-92.47	5,942.08	677.11	5,973.76	5,948.49	25.27	236.382	
2,112.50	1,951.01	3,025.83	3,014.46	15.12	10.99	-92.54	5,941.49	676.74	5,971.33	5,945.87	25.46	234.544	
2,200.00	2,017.79	3,049.69	3,037.82	16.35	11.09	-92.71	5,937.38	674.24	5,954.91	5,928.12	26.79	222.292	
2,300.00	2,094.11	3,102.00	3,089.17	17.76	11.32	-93.08	5,928.87	669.01	5,937.49	5,909.09	28.40	209.040	
2,400.00	2,170.44	3,686.35	3,656.09	19.17	14.08	-97.40	5,808.23	598.22	5,919.69	5,887.98	31.70	186.727	
2,500.00	2,246.76	3,736.58	3,704.19	20.60	14.35	-97.78	5,795.61	591.12	5,898.30	5,864.96	33.34	176.906	
2,600.00	2,323.08	3,800.53	3,765.41	22.03	14.68	-98.27	5,779.59	581.98	5,877.91	5,842.88	35.03	167.774	
2,700.00	2,399.41	3,863.19	3,825.38	23.47	15.02	-98.75	5,763.86	572.85	5,858.49	5,821.76	36.73	159.492	
2,800.00	2,475.73	3,922.91	3,882.53	24.91	15.34	-99.21	5,748.89	564.12	5,840.07	5,801.64	38.43	151.971	
2,900.00	2,552.05	3,976.00	3,933.35	26.36	15.62	-99.62	5,735.61	556.41	5,822.67	5,782.56	40.11	145.167	
3,000.00	2,628.38	4,011.66	3,967.52	27.80	15.81	-99.90	5,726.79	551.28	5,806.47	5,764.73	41.74	139.104	
3,100.00	2,704.70	4,044.02	3,998.59	29.25	15.99	-100.15	5,718.98	546.70	5,791.62	5,748.25	43.37	133.551	
3,200.00	2,781.02	4,101.00	4,053.42	30.71	16.29	-100.59	5,705.63	538.80	5,778.20	5,733.13	45.07	128.210	
3,300.00	2,857.35	4,117.32	4,069.14	32.16	16.38	-100.71	5,701.88	536.55	5,765.91	5,719.27	46.65	123.611	
3,400.00	2,933.67	4,179.05	4,128.57	33.62	16.71	-101.19	5,687.68	527.78	5,754.84	5,706.48	48.36	118.991	
3,500.00	3,009.99	4,238.55	4,185.79	35.07	17.03	-101.66	5,673.96	518.95	5,744.83	5,694.75	50.07	114.728	
3,600.00	3,086.31	4,293.73	4,238.85	36.53	17.33	-102.09	5,661.27	510.72	5,735.92	5,684.15	51.77	110.797	
3,700.00	3,162.64	4,351.00	4,293.97	37.99	17.64	-102.53	5,648.20	502.27	5,728.14	5,674.67	53.47	107.131	
3,800.00	3,238.96	4,351.00	4,293.97	39.45	17.64	-102.53	5,648.20	502.27	5,721.78	5,666.80	54.98	104.068	
3,900.00	3,315.28	4,407.19	4,348.23	40.91	17.93	-102.97	5,635.85	494.51	5,716.55	5,659.89	56.66	100.893	
4,000.00	3,391.61	4,436.86	4,377.01	42.37	18.09	-103.20	5,629.68	490.79	5,712.88	5,654.63	58.25	98.077	
4,100.00	3,467.93	4,477.00	4,416.08	43.84	18.30	-103.50	5,621.71	486.18	5,710.64	5,650.77	59.86	95.395	
4,195.64	3,540.92	4,477.00	4,416.08	45.24	18.30	-103.50	5,621.71	486.18	5,709.84	5,648.56	61.28	93.183	
4,200.00	3,544.25	4,477.00	4,416.08	45.30	18.30	-103.50	5,621.71	486.18	5,709.84	5,648.50	61.34	93.086	
4,300.00	3,620.58	4,535.16	4,472.84	46.76	18.59	-103.94	5,610.74	479.78	5,710.22	5,647.24	62.98	90.660	
4,400.00	3,696.90	4,569.62	4,506.51	48.23	18.76	-104.19	5,604.49	475.92	5,712.05	5,647.50	64.55	88.496	
4,500.00	3,773.22	4,602.00	4,538.17	49.69	18.92	-104.44	5,598.78	472.25	5,715.23	5,649.14	66.09	86.480	
4,600.00	3,849.55	4,662.85	4,597.72	51.16	19.22	-104.89	5,588.31	465.47	5,719.60	5,651.90	67.71	84.477	
4,700.00	3,925.87	4,728.00	4,661.57	52.62	19.53	-105.38	5,577.33	458.57	5,725.05	5,655.73	69.33	82.580	
4,800.00	4,002.19	4,838.33	4,769.67	54.09	20.07	-106.19	5,558.09	447.75	5,730.75	5,659.68	71.07	80.632	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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
SEC 24-T5N-R63W - EXIST HZ NORTH PLATTE J-F-24HZ - OWB - FINAL SURVEY												Offset Well Error:	0.00 usft
Survey Program: 94-MWD OWSG													
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
4,900.00	4,078.51	4,894.21	4,824.45	55.56	20.34	-106.60	5,548.32	442.64		5,737.43	5,664.80	72.63	78.994
5,000.00	4,154.84	4,921.53	4,851.31	57.02	20.46	-106.80	5,543.87	440.38		5,745.54	5,671.45	74.09	77.550
5,100.00	4,231.16	4,978.00	4,907.00	58.49	20.73	-107.21	5,535.50	436.16		5,755.23	5,679.61	75.62	76.107
5,200.00	4,307.48	4,978.00	4,907.00	59.96	20.73	-107.21	5,535.50	436.16		5,765.94	5,688.98	76.96	74.922
5,300.00	4,383.81	5,013.04	4,941.64	61.43	20.88	-107.45	5,530.81	433.83		5,778.15	5,699.77	78.38	73.718
5,400.00	4,460.13	5,049.27	4,977.52	62.89	21.04	-107.71	5,526.27	431.63		5,791.63	5,711.84	79.79	72.586
5,500.00	4,536.45	5,102.00	5,029.83	64.36	21.26	-108.07	5,520.25	428.80		5,806.39	5,725.16	81.24	71.476
5,600.00	4,612.78	5,102.00	5,029.83	65.83	21.26	-108.07	5,520.25	428.80		5,822.37	5,739.88	82.49	70.583
5,700.00	4,689.10	5,154.57	5,082.08	67.30	21.47	-108.42	5,515.05	426.51		5,839.51	5,755.62	83.89	69.613
5,800.00	4,765.42	5,188.82	5,116.20	68.77	21.60	-108.65	5,512.15	425.36		5,857.94	5,772.74	85.21	68.750
5,900.00	4,841.75	5,227.00	5,154.26	70.24	21.75	-108.90	5,509.37	424.39		5,877.59	5,791.07	86.52	67.930
6,000.00	4,918.07	5,227.00	5,154.26	71.70	21.75	-108.90	5,509.37	424.39		5,898.61	5,810.92	87.69	67.269
6,100.00	4,994.39	5,284.34	5,211.49	73.17	21.95	-109.27	5,506.05	423.25		5,920.55	5,831.53	89.02	66.509
6,200.00	5,070.72	5,314.60	5,241.72	74.64	22.06	-109.46	5,504.70	422.68		5,943.87	5,853.63	90.24	65.867
6,300.00	5,147.04	5,353.00	5,280.09	76.11	22.19	-109.70	5,503.38	422.02		5,968.41	5,876.94	91.47	65.248
6,400.00	5,223.36	5,385.43	5,312.50	77.58	22.30	-109.90	5,502.56	421.55		5,994.06	5,901.41	92.66	64.691
6,500.00	5,299.68	5,429.92	5,356.98	79.05	22.44	-110.18	5,501.81	421.13		6,020.73	5,926.87	93.87	64.142
6,600.00	5,376.01	5,478.00	5,405.06	80.52	22.59	-110.47	5,501.48	420.99		6,048.38	5,953.31	95.07	63.619
6,700.00	5,452.33	5,568.04	5,495.10	81.99	22.86	-111.00	5,501.28	421.22		6,076.70	5,980.29	96.40	63.035
6,800.00	5,528.65	5,653.46	5,580.52	83.46	23.11	-111.51	5,501.01	421.72		6,105.35	6,007.65	97.70	62.490
6,900.00	5,604.98	5,732.46	5,659.52	84.93	23.34	-111.97	5,500.70	422.17		6,134.50	6,035.54	98.96	61.989
7,000.00	5,681.30	5,809.92	5,736.98	86.40	23.57	-112.42	5,500.35	422.58		6,164.17	6,063.96	100.20	61.516
7,100.00	5,757.62	5,887.18	5,814.24	87.87	23.81	-112.87	5,499.97	422.96		6,194.35	6,092.91	101.44	61.067
7,176.71	5,816.17	5,946.24	5,873.30	89.00	23.99	-113.21	5,499.64	423.21		6,217.84	6,115.47	102.37	60.738
7,200.00	5,833.92	5,964.13	5,891.19	89.34	24.04	-110.26	5,499.54	423.28		6,224.63	6,121.98	102.66	60.636
7,250.00	5,871.73	5,995.82	5,922.87	90.07	24.14	-104.19	5,499.37	423.40		6,236.58	6,133.33	103.26	60.399
7,300.00	5,908.91	6,013.00	5,940.05	90.78	24.19	-98.55	5,499.28	423.43		6,244.95	6,141.13	103.82	60.153
7,350.00	5,945.18	6,013.00	5,940.05	91.48	24.19	-93.40	5,499.28	423.43		6,249.81	6,145.50	104.32	59.912
7,400.00	5,980.26	6,013.00	5,940.05	92.14	24.19	-88.88	5,499.28	423.43		6,251.17	6,146.36	104.81	59.642
7,450.00	6,013.88	6,030.68	5,957.74	92.77	24.24	-85.14	5,499.36	423.45		6,248.85	6,143.49	105.36	59.308
7,500.00	6,045.79	6,045.00	5,972.05	93.36	24.29	-82.03	5,499.70	423.48		6,243.15	6,137.26	105.88	58.962
7,550.00	6,075.75	6,045.00	5,972.05	93.90	24.29	-79.45	5,499.70	423.48		6,233.88	6,127.55	106.33	58.630
7,600.00	6,103.52	6,045.00	5,972.05	94.40	24.29	-77.46	5,499.70	423.48		6,221.21	6,114.47	106.74	58.285
7,650.00	6,128.89	6,045.00	5,972.05	94.85	24.29	-76.06	5,499.70	423.48		6,205.22	6,098.10	107.12	57.928
7,700.00	6,151.68	6,045.00	5,972.05	95.25	24.29	-75.22	5,499.70	423.48		6,186.00	6,078.53	107.46	57.563
7,750.00	6,171.71	6,045.00	5,972.05	95.60	24.29	-74.94	5,499.70	423.48		6,163.67	6,055.89	107.77	57.191
7,800.00	6,188.82	6,045.00	5,972.05	95.91	24.29	-75.24	5,499.70	423.48		6,138.36	6,030.32	108.05	56.813
7,850.00	6,202.89	6,045.00	5,972.05	96.16	24.29	-76.13	5,499.70	423.48		6,110.25	6,001.97	108.28	56.430
7,900.00	6,213.81	6,045.00	5,972.05	96.38	24.29	-77.66	5,499.70	423.48		6,079.49	5,971.01	108.48	56.042
7,950.00	6,221.49	6,045.00	5,972.05	96.55	24.29	-79.89	5,499.70	423.48		6,046.29	5,937.63	108.65	55.649
8,000.00	6,225.88	6,045.00	5,972.05	96.69	24.29	-82.90	5,499.70	423.48		6,010.85	5,902.06	108.79	55.252
8,040.96	6,227.00	6,045.00	5,972.05	96.77	24.29	-86.03	5,499.70	423.48		5,980.33	5,871.45	108.88	54.923
8,100.00	6,227.00	6,045.00	5,972.05	96.88	24.29	-86.03	5,499.70	423.48		5,935.55	5,826.54	109.01	54.449
8,200.00	6,227.00	6,045.00	5,972.05	97.07	24.29	-86.03	5,499.70	423.48		5,860.29	5,751.06	109.23	53.652
8,300.00	6,227.00	6,045.00	5,972.05	97.28	24.29	-86.03	5,499.70	423.48		5,785.77	5,676.32	109.45	52.861
8,400.00	6,227.00	6,045.00	5,972.05	97.49	24.29	-86.03	5,499.70	423.48		5,712.04	5,602.35	109.69	52.077
8,500.00	6,227.00	6,059.39	5,986.42	97.72	24.32	-86.24	5,500.36	423.48		5,638.92	5,528.93	109.99	51.266
8,600.00	6,227.00	6,059.99	5,987.02	97.97	24.32	-86.25	5,500.39	423.48		5,566.82	5,456.57	110.25	50.495
8,700.00	6,227.00	6,060.61	5,987.64	98.23	24.32	-86.26	5,500.43	423.48		5,495.59	5,385.09	110.51	49.731
8,800.00	6,227.00	6,061.26	5,988.29	98.50	24.33	-86.27	5,500.47	423.48		5,425.27	5,314.50	110.78	48.975
8,900.00	6,227.00	6,061.93	5,988.96	98.79	24.33	-86.28	5,500.52	423.48		5,355.89	5,244.84	111.05	48.228

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 94-MWD OWSG												Offset Well Error:	0.00 usft
Reference													
Offset													
Semi Major Axis													
Distance													
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,000.00	6,227.00	6,076.00	6,002.98	99.09	24.36	-86.48	5,501.64	423.42	5,287.66	5,176.25	111.41	47.462	
9,100.00	6,227.00	6,076.00	6,002.98	99.41	24.36	-86.48	5,501.64	423.42	5,220.26	5,108.56	111.70	46.734	
9,200.00	6,227.00	6,076.00	6,002.98	99.75	24.36	-86.48	5,501.64	423.42	5,153.92	5,041.92	112.00	46.016	
9,300.00	6,227.00	6,076.00	6,002.98	100.10	24.36	-86.48	5,501.64	423.42	5,088.69	4,976.37	112.31	45.309	
9,400.00	6,227.00	6,076.00	6,002.98	100.47	24.36	-86.48	5,501.64	423.42	5,024.59	4,911.96	112.63	44.612	
9,500.00	6,227.00	6,076.00	6,002.98	100.86	24.36	-86.48	5,501.64	423.42	4,961.69	4,848.73	112.95	43.927	
9,600.00	6,227.00	6,076.00	6,002.98	101.26	24.36	-86.48	5,501.64	423.42	4,900.01	4,786.73	113.29	43.253	
9,700.00	6,227.00	6,076.00	6,002.98	101.68	24.36	-86.48	5,501.64	423.42	4,839.62	4,725.99	113.63	42.591	
9,800.00	6,227.00	6,076.00	6,002.98	102.13	24.36	-86.48	5,501.64	423.42	4,780.56	4,666.58	113.98	41.943	
9,900.00	6,227.00	6,076.00	6,002.98	102.59	24.36	-86.48	5,501.64	423.42	4,722.88	4,608.54	114.33	41.308	
10,000.00	6,227.00	6,076.00	6,002.98	103.07	24.36	-86.48	5,501.64	423.42	4,666.62	4,551.93	114.70	40.687	
10,100.00	6,227.00	6,076.00	6,002.98	103.58	24.36	-86.48	5,501.64	423.42	4,611.85	4,496.79	115.06	40.081	
10,200.00	6,227.00	6,076.00	6,002.98	104.10	24.36	-86.48	5,501.64	423.42	4,558.62	4,443.18	115.44	39.490	
10,300.00	6,227.00	6,076.00	6,002.98	104.65	24.36	-86.48	5,501.64	423.42	4,506.97	4,391.15	115.82	38.915	
10,400.00	6,227.00	6,076.00	6,002.98	105.22	24.36	-86.48	5,501.64	423.42	4,456.97	4,340.77	116.20	38.356	
10,500.00	6,227.00	6,076.00	6,002.98	105.82	24.36	-86.48	5,501.64	423.42	4,408.67	4,292.09	116.59	37.815	
10,600.00	6,227.00	6,076.00	6,002.98	106.43	24.36	-86.48	5,501.64	423.42	4,362.13	4,245.16	116.97	37.291	
10,700.00	6,227.00	6,076.00	6,002.98	107.07	24.36	-86.48	5,501.64	423.42	4,317.41	4,200.04	117.36	36.787	
10,800.00	6,227.00	6,076.00	6,002.98	107.74	24.36	-86.48	5,501.64	423.42	4,274.55	4,156.80	117.75	36.301	
10,900.00	6,227.00	6,076.00	6,002.98	108.42	24.36	-86.48	5,501.64	423.42	4,233.63	4,115.49	118.14	35.835	
11,000.00	6,227.00	6,088.41	6,015.32	109.14	24.39	-86.67	5,502.97	423.34	4,194.60	4,075.98	118.62	35.362	
11,100.00	6,227.00	6,090.88	6,017.77	109.87	24.40	-86.70	5,503.28	423.32	4,157.66	4,038.64	119.02	34.932	
11,200.00	6,227.00	6,093.59	6,020.46	110.64	24.40	-86.74	5,503.63	423.30	4,122.81	4,003.39	119.42	34.523	
11,300.00	6,227.00	6,106.00	6,032.73	111.43	24.43	-86.92	5,505.44	423.18	4,090.15	3,970.26	119.90	34.114	
11,400.00	6,227.00	6,106.00	6,032.73	112.24	24.43	-86.92	5,505.44	423.18	4,059.61	3,939.34	120.26	33.756	
11,500.00	6,227.00	6,106.00	6,032.73	113.08	24.43	-86.92	5,505.44	423.18	4,031.31	3,910.69	120.62	33.422	
11,600.00	6,227.00	6,106.00	6,032.73	113.94	24.43	-86.92	5,505.44	423.18	4,005.31	3,884.34	120.96	33.111	
11,700.00	6,227.00	6,116.23	6,042.82	114.83	24.45	-87.07	5,507.17	423.09	3,981.62	3,860.24	121.39	32.802	
11,800.00	6,227.00	6,125.46	6,051.88	115.74	24.47	-87.21	5,508.90	423.02	3,960.28	3,838.50	121.79	32.518	
11,900.00	6,227.00	6,138.00	6,064.15	116.68	24.49	-87.39	5,511.51	422.95	3,941.32	3,819.11	122.21	32.251	
12,000.00	6,227.00	6,150.37	6,076.19	117.64	24.51	-87.56	5,514.32	422.89	3,924.74	3,802.13	122.61	32.009	
12,100.00	6,227.00	6,169.00	6,094.26	118.63	24.55	-87.83	5,518.85	422.82	3,910.56	3,787.50	123.06	31.777	
12,200.00	6,227.00	6,178.56	6,103.49	119.64	24.56	-87.97	5,521.33	422.78	3,898.80	3,775.39	123.41	31.592	
12,300.00	6,227.00	6,191.03	6,115.50	120.68	24.58	-88.14	5,524.69	422.70	3,889.50	3,765.73	123.77	31.425	
12,400.00	6,227.00	6,210.79	6,134.43	121.74	24.61	-88.42	5,530.40	422.53	3,882.65	3,758.46	124.19	31.265	
12,500.00	6,227.00	6,321.77	6,235.55	122.82	24.72	-89.92	5,575.51	423.49	3,877.66	3,752.06	125.60	30.873	
12,600.00	6,227.00	6,347.86	6,257.78	123.92	24.73	-90.25	5,589.16	424.01	3,874.52	3,748.41	126.10	30.725	
12,691.53	6,227.00	6,371.01	6,276.90	124.95	24.74	-90.53	5,602.19	424.32	3,873.59	3,747.04	126.54	30.611 CC	
12,700.00	6,227.00	6,373.19	6,278.67	125.04	24.74	-90.56	5,603.47	424.34	3,873.60	3,747.01	126.58	30.601 ES	
12,800.00	6,227.00	6,398.87	6,299.11	126.19	24.75	-90.86	5,619.02	424.45	3,874.87	3,747.81	127.06	30.495	
12,900.00	6,227.00	6,427.72	6,321.12	127.35	24.75	-91.18	5,637.65	424.25	3,878.30	3,750.73	127.58	30.400	
13,000.00	6,227.00	6,481.00	6,359.57	128.54	24.75	-91.75	5,674.51	423.34	3,883.65	3,755.22	128.43	30.240	
13,100.00	6,227.00	6,538.98	6,397.33	129.74	24.75	-92.31	5,718.44	421.85	3,890.44	3,761.06	129.37	30.071	
13,200.00	6,227.00	6,855.00	6,521.33	130.97	24.84	-94.13	6,005.27	414.14	3,896.53	3,761.85	134.69	28.930	
13,300.00	6,227.00	7,011.00	6,533.85	132.21	25.20	-94.31	6,160.54	412.10	3,898.92	3,761.22	137.70	28.314	
13,400.00	6,227.00	7,067.94	6,535.13	133.47	25.42	-94.33	6,217.46	411.44	3,900.67	3,761.66	139.00	28.061	
13,500.00	6,227.00	7,263.47	6,536.10	134.74	26.50	-94.34	6,412.96	409.90	3,901.85	3,758.66	143.18	27.250	
13,515.77	6,227.00	7,277.00	6,535.97	134.95	26.59	-94.34	6,426.49	409.91	3,901.87	3,758.36	143.51	27.189	
13,600.00	6,227.00	7,308.00	6,535.48	136.03	26.81	-94.33	6,457.49	409.67	3,902.55	3,758.17	144.38	27.029	
13,700.00	6,227.00	7,326.65	6,535.06	137.34	26.95	-94.32	6,476.13	409.23	3,904.98	3,759.96	145.02	26.927	
13,800.00	6,227.00	7,357.64	6,534.27	138.67	27.18	-94.31	6,507.08	407.85	3,909.39	3,763.48	145.91	26.793	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE J-F-24HZ - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 94-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,900.00	6,227.00	7,402.00	6,533.27	140.00	27.54	-94.29	6,551.35	405.36	3,915.24	3,768.13	147.11	26.615	
14,000.00	6,227.00	7,633.20	6,532.52	141.36	29.68	-94.26	6,782.16	392.57	3,922.26	3,769.36	152.90	25.653	
14,100.00	6,227.00	7,756.00	6,534.32	142.72	30.98	-94.29	6,904.90	389.22	3,925.48	3,769.26	156.22	25.128	
14,200.00	6,227.00	7,818.06	6,535.37	144.10	31.68	-94.30	6,966.93	387.45	3,928.75	3,770.69	158.06	24.856	
14,300.00	6,227.00	7,921.31	6,536.34	145.49	32.89	-94.31	7,070.11	383.93	3,932.57	3,771.56	161.01	24.425	
14,400.00	6,227.00	8,026.00	6,535.50	146.90	34.17	-94.29	7,174.73	380.36	3,936.27	3,772.22	164.05	23.994	
14,500.00	6,227.00	8,123.06	6,533.91	148.31	35.41	-94.27	7,271.71	376.91	3,940.03	3,773.09	166.94	23.601	
14,600.00	6,227.00	8,222.88	6,531.67	149.74	36.72	-94.23	7,371.45	373.77	3,943.36	3,773.40	169.95	23.203	
14,700.00	6,227.00	8,329.25	6,530.26	151.18	38.16	-94.21	7,477.78	370.77	3,946.39	3,773.21	173.18	22.787	
14,800.00	6,227.00	8,431.00	6,528.61	152.62	39.57	-94.18	7,579.47	367.95	3,949.38	3,773.06	176.33	22.398	
14,900.00	6,227.00	8,561.52	6,528.39	154.08	41.43	-94.17	7,709.96	365.18	3,951.69	3,771.37	180.32	21.915	
15,000.00	6,227.00	8,669.82	6,527.74	155.55	43.00	-94.16	7,818.23	362.78	3,954.21	3,770.49	183.72	21.523	
15,100.00	6,227.00	8,711.00	6,527.93	157.03	43.60	-94.16	7,859.39	361.61	3,957.34	3,772.15	185.20	21.368	
15,200.00	6,227.00	8,774.00	6,528.48	158.51	44.54	-94.17	7,922.34	359.19	3,961.61	3,774.30	187.30	21.151	
15,300.00	6,227.00	8,860.17	6,529.63	160.01	45.84	-94.18	8,008.41	355.19	3,966.66	3,776.55	190.11	20.865	
15,400.00	6,227.00	9,003.37	6,526.08	161.51	48.03	-94.12	8,151.42	349.11	3,971.00	3,776.35	194.65	20.401	
15,500.00	6,227.00	9,054.00	6,525.87	163.02	48.81	-94.11	8,202.01	346.93	3,975.63	3,779.21	196.42	20.240	
15,600.00	6,227.00	9,086.00	6,526.23	164.54	49.31	-94.12	8,233.96	345.14	3,981.71	3,784.10	197.60	20.150	
15,700.00	6,227.00	9,204.75	6,526.12	166.06	51.18	-94.11	8,352.45	337.35	3,988.62	3,787.14	201.48	19.797	
15,800.00	6,227.00	9,273.00	6,524.70	167.59	52.26	-94.08	8,420.53	332.96	3,995.32	3,791.54	203.79	19.605	
15,900.00	6,227.00	9,366.00	6,523.57	169.13	53.75	-94.06	8,513.31	326.65	4,002.37	3,795.48	206.88	19.346	
16,000.00	6,227.00	9,708.53	6,519.97	170.68	59.28	-93.99	8,855.34	310.87	4,008.35	3,790.70	217.65	18.416	
16,100.00	6,227.00	9,862.00	6,518.32	172.23	61.77	-93.97	9,008.78	309.55	4,009.70	3,787.14	222.56	18.016	
16,200.00	6,227.00	10,009.86	6,518.42	173.78	64.17	-93.97	9,156.62	311.27	4,008.77	3,781.49	227.28	17.638	
16,300.00	6,227.00	10,082.00	6,518.62	175.35	65.35	-93.97	9,228.76	312.04	4,008.05	3,778.20	229.85	17.438	
16,339.75	6,227.00	10,093.83	6,518.63	175.97	65.54	-93.97	9,240.59	312.11	4,008.00	3,777.62	230.38	17.398	
16,400.00	6,227.00	10,113.00	6,518.73	176.92	65.86	-93.97	9,259.76	311.98	4,008.51	3,777.31	231.20	17.338	
16,500.00	6,227.00	10,158.27	6,518.90	178.49	66.60	-93.97	9,305.02	311.21	4,010.53	3,777.59	232.94	17.217	
16,600.00	6,227.00	10,223.05	6,518.48	180.07	67.68	-93.97	9,369.78	309.31	4,013.70	3,778.45	235.25	17.062	
16,700.00	6,227.00	10,269.00	6,518.15	181.65	68.45	-93.96	9,415.69	307.57	4,017.85	3,780.89	236.96	16.956	
16,800.00	6,227.00	10,300.00	6,518.18	183.24	68.97	-93.96	9,446.64	305.84	4,023.63	3,785.47	238.15	16.895	
16,900.00	6,227.00	10,375.56	6,518.49	184.84	70.24	-93.96	9,522.00	300.42	4,030.99	3,790.22	240.77	16.742	
17,000.00	6,227.00	10,457.00	6,518.22	186.43	71.62	-93.95	9,603.26	295.01	4,038.03	3,794.45	243.58	16.578	
17,100.00	6,227.00	10,488.00	6,517.74	188.04	72.14	-93.94	9,634.15	292.39	4,046.56	3,801.87	244.69	16.537	
17,200.00	6,227.00	10,555.05	6,517.02	189.64	73.29	-93.92	9,700.86	285.70	4,056.62	3,809.62	247.00	16.423	
17,300.00	6,227.00	10,666.58	6,515.28	191.25	75.20	-93.89	9,811.87	275.06	4,066.36	3,815.52	250.85	16.211	
17,400.00	6,227.00	10,769.00	6,514.28	192.87	76.95	-93.86	9,913.86	265.80	4,075.65	3,821.27	254.38	16.022	
17,500.00	6,227.00	10,800.00	6,514.30	194.48	77.48	-93.86	9,944.69	262.61	4,086.24	3,830.82	255.43	15.998	
17,600.00	6,227.00	10,894.00	6,515.45	196.11	79.11	-93.87	10,038.12	252.32	4,097.60	3,838.93	258.68	15.841	
17,677.76	6,227.00	11,050.00	6,516.57	197.37	81.80	-93.87	10,193.33	236.71	4,105.51	3,841.40	264.10	15.545 SF	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 466-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	16.46	16.46	0.00	0.03	7.42	6,080.70	792.37	6,132.11				
100.00	100.00	119.31	119.31	0.27	0.21	7.43	6,080.65	792.48	6,132.08	6,131.60	0.48	N/A	
200.00	199.98	222.15	222.15	0.62	0.38	-77.26	6,080.53	792.78	6,131.62	6,130.61	1.01	6,091.413	
300.00	299.84	324.88	324.88	0.99	0.56	-77.33	6,080.35	793.24	6,130.34	6,128.79	1.54	3,968.582	
400.00	399.45	427.41	427.40	1.36	0.74	-77.44	6,080.09	793.89	6,128.26	6,126.16	2.10	2,921.468	
500.00	498.70	518.00	517.99	1.75	0.99	-77.59	6,079.83	794.55	6,125.42	6,122.68	2.75	2,230.400	
600.00	597.47	610.00	609.99	2.18	1.32	-77.79	6,079.79	795.18	6,122.08	6,118.59	3.50	1,750.770	
700.00	695.62	701.00	700.99	2.63	1.65	-78.02	6,079.86	795.73	6,118.16	6,113.89	4.27	1,431.404	
800.00	793.06	793.00	792.99	3.12	1.97	-78.29	6,080.04	796.08	6,113.67	6,108.58	5.09	1,200.877	
900.00	889.64	894.61	894.60	3.66	2.34	-78.63	6,080.25	796.56	6,108.59	6,102.60	5.99	1,020.476	
1,000.00	985.27	992.81	992.79	4.25	2.68	-79.00	6,080.35	797.05	6,102.83	6,095.91	6.92	882.440	
1,100.00	1,079.82	1,089.08	1,089.06	4.89	3.01	-79.42	6,080.51	797.01	6,096.56	6,088.68	7.88	773.934	
1,200.00	1,173.17	1,350.56	1,350.11	5.58	3.92	-80.36	6,075.76	806.96	6,088.06	6,078.58	9.47	642.579	
1,300.00	1,265.21	1,427.00	1,425.88	6.34	4.21	-80.74	6,072.88	816.59	6,078.36	6,067.85	10.51	578.370	
1,400.00	1,355.84	1,469.65	1,467.97	7.16	4.38	-81.03	6,071.41	823.31	6,068.80	6,057.31	11.49	528.058	
1,500.00	1,444.94	1,519.00	1,516.55	8.05	4.57	-81.35	6,070.16	831.89	6,059.72	6,047.15	12.57	482.096	
1,600.00	1,532.39	1,835.54	1,826.96	9.02	5.92	-82.48	6,054.79	891.71	6,047.04	6,032.20	14.84	407.508	
1,700.00	1,618.11	2,305.21	2,280.90	10.05	8.28	-84.10	6,010.52	1,002.46	6,031.86	6,013.77	18.09	333.429	
1,800.00	1,701.97	2,365.00	2,337.75	11.16	8.63	-84.64	6,002.83	1,019.31	6,012.98	5,993.46	19.52	308.044	
1,900.00	1,783.88	2,411.07	2,381.62	12.35	8.90	-85.15	5,997.23	1,032.20	5,994.57	5,973.61	20.96	286.056	
2,000.00	1,863.74	2,513.94	2,480.16	13.61	9.49	-85.88	5,985.55	1,059.32	5,976.70	5,953.93	22.76	262.561	
2,100.00	1,941.45	2,651.00	2,611.06	14.95	10.29	-86.79	5,968.48	1,096.16	5,957.64	5,932.81	24.84	239.886	
2,112.50	1,951.01	2,753.48	2,708.18	15.12	10.93	-87.23	5,954.82	1,125.87	5,955.22	5,929.65	25.57	232.890	
2,200.00	2,017.79	2,747.00	2,702.04	16.35	10.89	-87.21	5,955.73	1,123.99	5,938.15	5,911.38	26.77	221.802	
2,300.00	2,094.11	2,808.91	2,760.77	17.76	11.28	-87.45	5,947.61	1,141.83	5,919.28	5,890.74	28.54	207.408	
2,400.00	2,170.44	2,916.70	2,863.42	19.17	11.94	-87.88	5,934.37	1,171.93	5,901.24	5,870.68	30.56	193.102	
2,500.00	2,246.76	2,980.45	2,924.26	20.60	12.33	-88.14	5,926.25	1,189.12	5,883.15	5,850.81	32.35	181.882	
2,600.00	2,323.08	3,033.00	2,974.69	22.03	12.65	-88.36	5,920.45	1,202.73	5,866.50	5,832.42	34.08	172.145	
2,700.00	2,399.41	3,033.00	2,974.69	23.47	12.65	-88.36	5,920.45	1,202.73	5,850.75	5,815.20	35.55	164.589	
2,800.00	2,475.73	3,078.90	3,018.91	24.91	12.91	-88.56	5,916.04	1,214.19	5,836.28	5,799.03	37.25	156.687	
2,900.00	2,552.05	3,129.00	3,067.37	26.36	13.19	-88.78	5,911.69	1,226.15	5,822.88	5,783.90	38.97	149.408	
3,000.00	2,628.38	3,246.44	3,180.97	27.80	13.86	-89.30	5,901.44	1,254.14	5,809.84	5,768.81	41.03	141.613	
3,100.00	2,704.70	3,642.30	3,558.15	29.25	16.35	-90.93	5,857.16	1,364.68	5,795.79	5,751.21	44.58	130.001	
3,200.00	2,781.02	3,701.00	3,613.16	30.71	16.76	-91.15	5,848.95	1,383.41	5,778.42	5,732.01	46.42	124.489	
3,300.00	2,857.35	3,759.43	3,668.30	32.16	17.14	-91.39	5,840.74	1,400.93	5,761.51	5,713.27	48.23	119.452	
3,400.00	2,933.67	3,797.00	3,704.04	33.62	17.39	-91.54	5,836.10	1,411.54	5,746.10	5,696.16	49.94	115.060	
3,500.00	3,009.99	3,797.00	3,704.04	35.07	17.39	-91.54	5,836.10	1,411.54	5,732.00	5,680.56	51.45	111.413	
3,600.00	3,086.31	3,856.25	3,760.67	36.53	17.76	-91.80	5,829.64	1,427.69	5,718.84	5,665.59	53.25	107.393	
3,700.00	3,162.64	3,892.00	3,794.94	37.99	17.98	-91.95	5,826.19	1,437.29	5,706.98	5,652.04	54.94	103.886	
3,800.00	3,238.96	3,942.89	3,843.84	39.45	18.29	-92.17	5,821.65	1,450.59	5,696.16	5,639.48	56.68	100.492	
3,900.00	3,315.28	3,987.00	3,886.39	40.91	18.55	-92.37	5,817.96	1,461.65	5,686.28	5,627.89	58.39	97.377	
4,000.00	3,391.61	4,028.99	3,927.02	42.37	18.78	-92.56	5,814.74	1,471.73	5,677.47	5,617.40	60.08	94.500	
4,100.00	3,467.93	4,275.00	4,165.40	43.84	20.17	-93.72	5,792.83	1,528.24	5,667.53	5,604.85	62.68	90.418	
4,200.00	3,544.25	4,370.00	4,256.96	45.30	20.73	-94.15	5,783.11	1,551.59	5,657.04	5,592.42	64.62	87.549	
4,300.00	3,620.58	4,412.98	4,298.25	46.76	20.99	-94.34	5,778.91	1,562.79	5,647.37	5,581.06	66.31	85.162	
4,400.00	3,696.90	4,464.00	4,347.58	48.23	21.29	-94.58	5,774.70	1,575.08	5,639.20	5,571.16	68.04	82.878	
4,500.00	3,773.22	4,481.32	4,364.38	49.69	21.39	-94.66	5,773.42	1,579.12	5,632.05	5,562.44	69.61	80.914	
4,600.00	3,849.55	4,565.28	4,445.50	51.16	21.87	-95.05	5,767.45	1,599.91	5,625.76	5,554.28	71.48	78.709	
4,700.00	3,925.87	4,727.77	4,601.66	52.62	22.85	-95.76	5,755.88	1,643.30	5,619.78	5,546.04	73.74	76.206	
4,800.00	4,002.19	4,878.01	4,745.81	54.09	23.77	-96.43	5,742.25	1,683.36	5,611.89	5,535.95	75.94	73.900	
4,900.00	4,078.51	4,940.00	4,805.22	55.56	24.16	-96.70	5,736.97	1,700.24	5,604.92	5,527.20	77.72	72.118	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 466-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	
5,000.00	4,154.84	4,940.00	4,805.22	57.02	24.16	-96.70	5,736.97	1,700.24	5,599.05	5,519.86	79.19	70.703	
5,100.00	4,231.16	4,976.41	4,840.29	58.49	24.36	-96.86	5,734.33	1,709.64	5,594.48	5,513.67	80.81	69.228	
5,200.00	4,307.48	4,998.53	4,861.72	59.96	24.49	-96.96	5,733.01	1,714.97	5,591.41	5,509.06	82.35	67.895	
5,300.00	4,383.81	5,034.00	4,896.25	61.43	24.69	-97.13	5,731.34	1,722.90	5,589.85	5,505.90	83.94	66.590	
5,400.00	4,460.13	5,495.65	5,341.07	62.89	27.42	-99.24	5,697.13	1,840.56	5,586.14	5,498.65	87.49	63.852	
5,500.00	4,536.45	5,609.00	5,449.27	64.36	28.14	-99.74	5,684.95	1,872.05	5,579.16	5,489.71	89.45	62.369	
5,600.00	4,612.78	5,609.00	5,449.27	65.83	28.14	-99.74	5,684.95	1,872.05	5,573.28	5,482.36	90.93	61.295	
5,700.00	4,689.10	5,668.20	5,506.06	67.30	28.50	-100.01	5,678.89	1,887.60	5,568.11	5,475.49	92.62	60.117	
5,800.00	4,765.42	5,705.00	5,541.75	68.77	28.72	-100.19	5,675.59	1,895.93	5,564.69	5,470.48	94.21	59.068	
5,900.00	4,841.75	5,705.00	5,541.75	70.24	28.72	-100.19	5,675.59	1,895.93	5,562.65	5,467.03	95.63	58.171	
6,000.00	4,918.07	5,749.20	5,584.94	71.70	28.93	-100.41	5,672.03	1,904.60	5,561.87	5,464.70	97.17	57.237	
6,004.45	4,921.47	5,750.44	5,586.16	71.77	28.94	-100.42	5,671.94	1,904.82	5,561.87	5,464.63	97.24	57.199	
6,100.00	4,994.39	5,802.00	5,636.91	73.17	29.19	-100.70	5,668.29	1,913.10	5,562.70	5,463.97	98.73	56.343	
6,200.00	5,070.72	5,802.00	5,636.91	74.64	29.19	-100.70	5,668.29	1,913.10	5,564.56	5,464.48	100.08	55.600	
6,300.00	5,147.04	5,849.83	5,684.20	76.11	29.39	-100.97	5,665.26	1,919.61	5,567.83	5,466.27	101.56	54.823	
6,400.00	5,223.36	5,899.00	5,732.91	77.58	29.60	-101.25	5,662.36	1,925.70	5,572.23	5,469.20	103.03	54.085	
6,500.00	5,299.68	5,899.00	5,732.91	79.05	29.60	-101.25	5,662.36	1,925.70	5,578.01	5,473.70	104.31	53.476	
6,600.00	5,376.01	5,942.32	5,775.92	80.52	29.76	-101.50	5,660.25	1,930.43	5,584.97	5,479.27	105.70	52.838	
6,700.00	5,452.33	5,994.00	5,827.36	81.99	29.95	-101.80	5,658.64	1,935.12	5,593.78	5,486.68	107.10	52.229	
6,800.00	5,528.65	5,994.00	5,827.36	83.46	29.95	-101.80	5,658.64	1,935.12	5,603.50	5,495.20	108.31	51.738	
6,900.00	5,604.98	5,994.00	5,827.36	84.93	29.95	-101.80	5,658.64	1,935.12	5,614.99	5,505.52	109.47	51.291	
7,000.00	5,681.30	6,043.09	5,876.33	86.40	30.10	-102.10	5,657.68	1,938.26	5,627.63	5,516.86	110.77	50.803	
7,100.00	5,757.62	6,090.00	5,923.21	87.87	30.24	-102.40	5,656.99	1,939.70	5,641.82	5,529.78	112.04	50.354	
7,176.71	5,816.17	6,090.00	5,923.21	89.00	30.24	-102.40	5,656.99	1,939.70	5,653.45	5,540.58	112.88	50.085	
7,200.00	5,833.92	6,090.00	5,923.21	89.34	30.24	-99.57	5,656.99	1,939.70	5,656.74	5,543.61	113.13	50.004	
7,250.00	5,871.73	6,090.00	5,923.21	90.07	30.24	-93.76	5,656.99	1,939.70	5,661.07	5,547.40	113.66	49.805	
7,300.00	5,908.91	6,090.00	5,923.21	90.78	30.24	-88.38	5,656.99	1,939.70	5,661.66	5,547.46	114.20	49.577	
7,350.00	5,945.18	6,090.00	5,923.21	91.48	30.24	-83.53	5,656.99	1,939.70	5,658.50	5,543.78	114.72	49.324	
7,400.00	5,980.26	6,090.00	5,923.21	92.14	30.24	-79.28	5,656.99	1,939.70	5,651.63	5,536.40	115.22	49.049	
7,450.00	6,013.88	6,090.00	5,923.21	92.77	30.24	-75.63	5,656.99	1,939.70	5,641.07	5,525.36	115.71	48.754	
7,500.00	6,045.79	6,090.00	5,923.21	93.36	30.24	-72.60	5,656.99	1,939.70	5,626.88	5,510.72	116.16	48.442	
7,550.00	6,075.75	6,090.00	5,923.21	93.90	30.24	-70.16	5,656.99	1,939.70	5,609.15	5,492.57	116.58	48.116	
7,600.00	6,103.52	6,090.00	5,923.21	94.40	30.24	-68.31	5,656.99	1,939.70	5,587.98	5,471.02	116.96	47.777	
7,650.00	6,128.89	6,090.00	5,923.21	94.85	30.24	-67.03	5,656.99	1,939.70	5,563.48	5,446.18	117.31	47.427	
7,700.00	6,151.68	6,090.00	5,923.21	95.25	30.24	-66.32	5,656.99	1,939.70	5,535.82	5,418.20	117.61	47.068	
7,750.00	6,171.71	6,090.00	5,923.21	95.60	30.24	-66.21	5,656.99	1,939.70	5,505.14	5,387.25	117.88	46.700	
7,800.00	6,188.82	6,090.00	5,923.21	95.91	30.24	-66.73	5,656.99	1,939.70	5,471.63	5,353.52	118.11	46.325	
7,850.00	6,202.89	6,133.50	5,966.69	96.16	30.34	-68.58	5,657.94	1,940.25	5,433.94	5,315.42	118.52	45.850	
7,900.00	6,213.81	6,135.04	5,968.23	96.38	30.34	-70.76	5,658.03	1,940.26	5,395.31	5,276.62	118.69	45.457	
7,950.00	6,221.49	6,136.24	5,969.43	96.55	30.35	-73.96	5,658.10	1,940.28	5,354.55	5,235.71	118.83	45.059	
8,000.00	6,225.88	6,137.09	5,970.27	96.69	30.35	-78.48	5,658.15	1,940.28	5,311.92	5,192.97	118.95	44.657	
8,040.96	6,227.00	6,137.51	5,970.69	96.77	30.35	-83.41	5,658.18	1,940.29	5,275.82	5,156.79	119.03	44.325	
8,100.00	6,227.00	6,137.94	5,971.12	96.88	30.35	-83.42	5,658.21	1,940.29	5,223.16	5,104.03	119.12	43.846	
8,200.00	6,227.00	6,138.69	5,971.87	97.07	30.35	-83.44	5,658.25	1,940.30	5,134.27	5,014.98	119.30	43.038	
8,300.00	6,227.00	6,139.47	5,972.65	97.28	30.35	-83.46	5,658.31	1,940.31	5,045.81	4,926.34	119.47	42.235	
8,400.00	6,227.00	6,140.28	5,973.45	97.49	30.36	-83.48	5,658.36	1,940.32	4,957.78	4,838.13	119.65	41.435	
8,500.00	6,227.00	6,141.12	5,974.29	97.72	30.36	-83.50	5,658.42	1,940.33	4,870.22	4,750.38	119.84	40.640	
8,600.00	6,227.00	6,141.99	5,975.17	97.97	30.36	-83.52	5,658.48	1,940.33	4,783.14	4,663.11	120.03	39.850	
8,700.00	6,227.00	6,142.90	5,976.07	98.23	30.36	-83.54	5,658.54	1,940.34	4,696.57	4,576.35	120.22	39.065	
8,800.00	6,227.00	6,143.85	5,977.02	98.50	30.36	-83.56	5,658.61	1,940.35	4,610.54	4,490.12	120.42	38.286	
8,900.00	6,227.00	6,186.00	6,018.92	98.79	30.46	-84.57	5,663.07	1,940.68	4,526.47	4,405.59	120.87	37.448	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 466-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	
9,000.00	6,227.00	6,186.00	6,018.92	99.09	30.46	-84.57	5,663.07	1,940.68	4,441.55	4,320.46	121.09	36.681	
9,100.00	6,227.00	6,186.00	6,018.92	99.41	30.46	-84.57	5,663.07	1,940.68	4,357.27	4,235.97	121.30	35.921	
9,200.00	6,227.00	6,186.00	6,018.92	99.75	30.46	-84.57	5,663.07	1,940.68	4,273.67	4,152.15	121.52	35.168	
9,300.00	6,227.00	6,186.00	6,018.92	100.10	30.46	-84.57	5,663.07	1,940.68	4,190.79	4,069.04	121.75	34.423	
9,400.00	6,227.00	6,186.00	6,018.92	100.47	30.46	-84.57	5,663.07	1,940.68	4,108.67	3,986.70	121.98	33.685	
9,500.00	6,227.00	6,186.00	6,018.92	100.86	30.46	-84.57	5,663.07	1,940.68	4,027.36	3,905.15	122.21	32.955	
9,600.00	6,227.00	6,186.00	6,018.92	101.26	30.46	-84.57	5,663.07	1,940.68	3,946.91	3,824.46	122.45	32.234	
9,700.00	6,227.00	6,186.00	6,018.92	101.68	30.46	-84.57	5,663.07	1,940.68	3,867.37	3,744.68	122.69	31.522	
9,800.00	6,227.00	6,186.00	6,018.92	102.13	30.46	-84.57	5,663.07	1,940.68	3,788.80	3,665.87	122.93	30.820	
9,900.00	6,227.00	6,186.00	6,018.92	102.59	30.46	-84.57	5,663.07	1,940.68	3,711.26	3,588.08	123.18	30.129	
10,000.00	6,227.00	6,186.00	6,018.92	103.07	30.46	-84.57	5,663.07	1,940.68	3,634.82	3,511.39	123.43	29.449	
10,100.00	6,227.00	6,186.00	6,018.92	103.58	30.46	-84.57	5,663.07	1,940.68	3,559.55	3,435.87	123.68	28.780	
10,200.00	6,227.00	6,186.00	6,018.92	104.10	30.46	-84.57	5,663.07	1,940.68	3,485.52	3,361.59	123.93	28.125	
10,300.00	6,227.00	6,186.00	6,018.92	104.65	30.46	-84.57	5,663.07	1,940.68	3,412.82	3,288.63	124.18	27.482	
10,400.00	6,227.00	6,186.00	6,018.92	105.22	30.46	-84.57	5,663.07	1,940.68	3,341.52	3,217.09	124.43	26.854	
10,500.00	6,227.00	6,186.00	6,018.92	105.82	30.46	-84.57	5,663.07	1,940.68	3,271.73	3,147.05	124.68	26.242	
10,600.00	6,227.00	6,186.00	6,018.92	106.43	30.46	-84.57	5,663.07	1,940.68	3,203.54	3,078.62	124.92	25.645	
10,700.00	6,227.00	6,186.00	6,018.92	107.07	30.46	-84.57	5,663.07	1,940.68	3,137.06	3,011.90	125.16	25.065	
10,800.00	6,227.00	6,186.00	6,018.92	107.74	30.46	-84.57	5,663.07	1,940.68	3,072.39	2,947.01	125.38	24.504	
10,900.00	6,227.00	6,186.00	6,018.92	108.42	30.46	-84.57	5,663.07	1,940.68	3,009.66	2,884.06	125.60	23.962	
11,000.00	6,227.00	6,186.00	6,018.92	109.14	30.46	-84.57	5,663.07	1,940.68	2,948.99	2,823.18	125.81	23.440	
11,100.00	6,227.00	6,186.00	6,018.92	109.87	30.46	-84.57	5,663.07	1,940.68	2,890.50	2,764.50	126.00	22.940	
11,200.00	6,227.00	6,186.00	6,018.92	110.64	30.46	-84.57	5,663.07	1,940.68	2,834.33	2,708.16	126.18	22.463	
11,300.00	6,227.00	6,186.00	6,018.92	111.43	30.46	-84.57	5,663.07	1,940.68	2,780.63	2,654.30	126.33	22.011	
11,400.00	6,227.00	6,186.00	6,018.92	112.24	30.46	-84.57	5,663.07	1,940.68	2,729.53	2,603.07	126.46	21.584	
11,500.00	6,227.00	6,186.00	6,018.92	113.08	30.46	-84.57	5,663.07	1,940.68	2,681.20	2,554.63	126.57	21.184	
11,600.00	6,227.00	6,206.38	6,039.03	113.94	30.50	-85.05	5,666.36	1,940.80	2,635.48	2,508.55	126.93	20.763	
11,700.00	6,227.00	6,211.80	6,044.36	114.83	30.51	-85.18	5,667.39	1,940.83	2,592.97	2,465.90	127.06	20.407	
11,800.00	6,227.00	6,234.00	6,066.01	115.74	30.55	-85.71	5,672.26	1,940.97	2,553.77	2,426.36	127.42	20.043	
11,900.00	6,227.00	6,234.00	6,066.01	116.68	30.55	-85.71	5,672.26	1,940.97	2,517.61	2,390.21	127.41	19.761	
12,000.00	6,227.00	6,234.00	6,066.01	117.64	30.55	-85.71	5,672.26	1,940.97	2,484.95	2,357.60	127.35	19.513	
12,100.00	6,227.00	6,234.00	6,066.01	118.63	30.55	-85.71	5,672.26	1,940.97	2,455.94	2,328.68	127.25	19.300	
12,200.00	6,227.00	6,253.01	6,084.40	119.64	30.57	-86.15	5,677.06	1,941.03	2,430.51	2,303.08	127.42	19.075	
12,300.00	6,227.00	6,264.08	6,095.08	120.68	30.59	-86.41	5,680.01	1,941.00	2,408.89	2,281.47	127.42	18.906	
12,400.00	6,227.00	6,281.00	6,111.32	121.74	30.61	-86.80	5,684.74	1,940.86	2,391.14	2,263.67	127.47	18.759	
12,500.00	6,227.00	6,281.00	6,111.32	122.82	30.61	-86.80	5,684.74	1,940.86	2,377.32	2,250.15	127.17	18.694	
12,600.00	6,227.00	6,301.32	6,130.66	123.92	30.64	-87.27	5,690.94	1,940.56	2,367.45	2,240.27	127.19	18.614	
12,700.00	6,227.00	6,329.00	6,156.61	125.04	30.67	-87.90	5,700.56	1,939.91	2,361.68	2,234.39	127.30	18.553	
12,798.46	6,227.00	6,337.59	6,164.56	126.17	30.67	-88.09	5,703.82	1,939.66	2,359.75	2,232.73	127.02	18.578 CC	
12,800.00	6,227.00	6,338.07	6,164.99	126.19	30.67	-88.11	5,704.01	1,939.65	2,359.75	2,232.73	127.02	18.578	
12,900.00	6,227.00	6,373.65	6,197.31	127.35	30.70	-88.89	5,718.83	1,938.55	2,361.63	2,234.43	127.20	18.566	
13,000.00	6,227.00	6,411.07	6,230.09	128.54	30.72	-89.69	5,736.82	1,937.22	2,367.05	2,239.64	127.40	18.579	
13,100.00	6,227.00	6,528.95	6,321.94	129.74	30.72	-91.91	5,810.08	1,932.86	2,374.98	2,245.64	129.33	18.364	
13,200.00	6,227.00	6,886.43	6,499.95	130.97	30.46	-96.20	6,114.25	1,933.47	2,379.99	2,242.76	137.24	17.342	
13,212.50	6,227.00	6,893.04	6,501.58	131.12	30.46	-96.24	6,120.65	1,933.69	2,379.96	2,242.63	137.34	17.329	
13,300.00	6,227.00	6,940.34	6,511.08	132.21	30.41	-96.47	6,166.96	1,934.55	2,380.63	2,242.55	138.07	17.242	
13,400.00	6,227.00	7,000.00	6,518.05	133.47	30.35	-96.63	6,226.20	1,933.90	2,383.28	2,244.23	139.05	17.140	
13,500.00	6,227.00	7,057.00	6,520.35	134.74	30.30	-96.68	6,283.09	1,931.89	2,387.56	2,247.61	139.95	17.060	
13,600.00	6,227.00	7,132.87	6,519.61	136.03	30.23	-96.65	6,358.83	1,927.49	2,393.46	2,252.07	141.40	16.927	
13,700.00	6,227.00	7,191.52	6,518.62	137.34	30.20	-96.61	6,417.35	1,923.61	2,400.30	2,257.92	142.38	16.858	
13,800.00	6,227.00	7,247.00	6,518.03	138.67	30.19	-96.59	6,472.60	1,918.71	2,409.18	2,265.94	143.24	16.819	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 466-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,900.00	6,227.00	7,299.88	6,517.96	140.00	30.18	-96.57	6,525.19	1,913.11	2,419.93	2,275.87	144.06	16.798	
14,000.00	6,227.00	7,607.25	6,524.12	141.36	31.06	-96.65	6,831.41	1,889.93	2,429.58	2,276.02	153.55	15.822	
14,100.00	6,227.00	7,737.78	6,525.36	142.72	32.10	-96.67	6,961.90	1,887.47	2,431.87	2,274.56	157.31	15.459	
14,200.00	6,227.00	7,836.04	6,525.31	144.10	33.06	-96.66	7,060.15	1,885.98	2,433.72	2,273.70	160.02	15.209	
14,300.00	6,227.00	7,916.00	6,523.20	145.49	33.91	-96.61	7,140.07	1,884.56	2,435.63	2,273.52	162.11	15.025	
14,400.00	6,227.00	8,012.00	6,520.52	146.90	35.01	-96.54	7,235.99	1,881.87	2,438.43	2,273.60	164.83	14.794	
14,500.00	6,227.00	8,162.68	6,521.26	148.31	36.84	-96.55	7,386.64	1,879.40	2,440.58	2,270.88	169.70	14.382	
14,600.00	6,227.00	8,249.72	6,522.81	149.74	37.95	-96.58	7,473.66	1,879.26	2,441.33	2,269.13	172.20	14.178	
14,700.00	6,227.00	8,384.67	6,526.28	151.18	39.73	-96.66	7,608.56	1,878.29	2,442.95	2,266.36	176.59	13.834	
14,800.00	6,227.00	8,483.86	6,525.93	152.62	41.08	-96.65	7,707.74	1,878.85	2,442.70	2,263.07	179.63	13.598	
14,844.00	6,227.00	8,525.73	6,525.06	153.27	41.66	-96.63	7,749.60	1,878.91	2,442.68	2,261.77	180.91	13.502	
14,900.00	6,227.00	8,579.35	6,523.93	154.08	42.41	-96.60	7,803.21	1,878.94	2,442.71	2,260.16	182.55	13.381	
15,000.00	6,227.00	8,681.80	6,522.04	155.55	43.87	-96.56	7,905.64	1,879.02	2,442.77	2,256.99	185.78	13.149	
15,004.45	6,227.00	8,682.00	6,522.04	155.62	43.87	-96.56	7,905.84	1,879.02	2,442.77	2,257.02	185.75	13.151	
15,100.00	6,227.00	8,745.32	6,521.34	157.03	44.78	-96.54	7,969.16	1,878.69	2,443.51	2,256.05	187.47	13.034	
15,200.00	6,227.00	8,818.99	6,521.18	158.51	45.85	-96.53	8,042.81	1,877.32	2,445.65	2,256.09	189.55	12.902	
15,300.00	6,227.00	8,907.36	6,521.49	160.01	47.15	-96.53	8,131.16	1,875.11	2,448.51	2,256.25	192.26	12.735	
15,400.00	6,227.00	9,038.93	6,523.00	161.51	49.12	-96.56	8,262.68	1,872.11	2,451.36	2,254.56	196.81	12.456	
15,500.00	6,227.00	9,152.39	6,523.22	163.02	50.83	-96.56	8,376.13	1,871.06	2,452.63	2,252.02	200.60	12.226	
15,600.00	6,227.00	9,311.87	6,521.69	164.54	53.28	-96.53	8,535.59	1,872.57	2,451.51	2,245.21	206.30	11.883	
15,700.00	6,227.00	9,386.54	6,521.38	166.06	54.44	-96.52	8,610.25	1,873.35	2,450.78	2,242.25	208.53	11.753	
15,716.71	6,227.00	9,398.61	6,521.38	166.32	54.63	-96.52	8,622.33	1,873.41	2,450.76	2,241.88	208.89	11.732	
15,800.00	6,227.00	9,460.96	6,521.63	167.59	55.61	-96.53	8,684.67	1,873.36	2,451.15	2,240.40	210.75	11.631	
15,900.00	6,227.00	9,552.02	6,523.68	169.13	57.04	-96.57	8,775.71	1,872.85	2,452.30	2,238.63	213.67	11.477	
16,000.00	6,227.00	9,687.57	6,526.76	170.68	59.18	-96.64	8,911.22	1,873.59	2,452.21	2,233.74	218.47	11.224	
16,100.00	6,227.00	9,792.58	6,526.11	172.23	60.86	-96.63	9,016.21	1,874.02	2,452.08	2,230.09	222.00	11.046	
16,138.00	6,227.00	9,820.00	6,525.41	172.82	61.30	-96.61	9,043.62	1,874.11	2,451.99	2,229.17	222.82	11.005	
16,200.00	6,227.00	9,868.00	6,524.20	173.78	62.07	-96.58	9,091.61	1,873.90	2,452.26	2,227.98	224.29	10.934	
16,300.00	6,227.00	9,932.51	6,522.66	175.35	63.11	-96.55	9,156.09	1,872.93	2,453.74	2,227.64	226.10	10.853 ES	
16,400.00	6,227.00	10,001.51	6,521.41	176.92	64.23	-96.51	9,225.06	1,871.26	2,456.32	2,228.24	228.08	10.770	
16,500.00	6,227.00	10,088.68	6,520.63	178.49	65.65	-96.48	9,312.17	1,868.06	2,460.16	2,229.30	230.86	10.657	
16,600.00	6,227.00	10,152.00	6,519.86	180.07	66.68	-96.46	9,375.43	1,865.55	2,464.46	2,231.91	232.55	10.598	
16,700.00	6,227.00	10,241.46	6,519.48	181.65	68.14	-96.44	9,464.76	1,860.80	2,470.03	2,234.59	235.44	10.491 SF	
16,800.00	6,227.00	10,246.00	6,519.47	183.24	68.22	-96.44	9,469.30	1,860.55	2,477.56	2,243.34	234.22	10.578	
16,900.00	6,227.00	10,246.00	6,519.47	184.84	68.22	-96.44	9,469.30	1,860.55	2,489.10	2,256.58	232.52	10.705	
17,000.00	6,227.00	10,246.00	6,519.47	186.43	68.22	-96.44	9,469.30	1,860.55	2,504.57	2,274.02	230.55	10.864	
17,100.00	6,227.00	10,246.00	6,519.47	188.04	68.22	-96.44	9,469.30	1,860.55	2,523.92	2,295.58	228.34	11.054	
17,200.00	6,227.00	10,246.00	6,519.47	189.64	68.22	-96.44	9,469.30	1,860.55	2,547.04	2,321.14	225.91	11.275	
17,300.00	6,227.00	10,246.00	6,519.47	191.25	68.22	-96.44	9,469.30	1,860.55	2,573.85	2,350.57	223.28	11.527	
17,400.00	6,227.00	10,246.00	6,519.47	192.87	68.22	-96.44	9,469.30	1,860.55	2,604.22	2,383.72	220.50	11.811	
17,500.00	6,227.00	10,246.00	6,519.47	194.48	68.22	-96.44	9,469.30	1,860.55	2,638.04	2,420.46	217.58	12.125	
17,600.00	6,227.00	10,246.00	6,519.47	196.11	68.22	-96.44	9,469.30	1,860.55	2,675.17	2,460.63	214.54	12.469	
17,677.76	6,227.00	10,246.00	6,519.47	197.37	68.22	-96.44	9,469.30	1,860.55	2,706.24	2,494.12	212.12	12.758	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 604-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	16.79	16.79	0.00	0.03	7.61	6,081.43	812.71	6,135.49				
100.00	100.00	121.73	121.73	0.27	0.21	7.61	6,081.35	812.90	6,135.44	6,134.96	0.48	N/A	
200.00	199.98	226.65	226.65	0.62	0.40	-77.07	6,081.14	813.39	6,134.91	6,133.90	1.02	6,021.168	
300.00	299.84	331.48	331.47	0.99	0.58	-77.14	6,080.81	814.17	6,133.53	6,131.97	1.56	3,924.839	
400.00	399.45	436.12	436.11	1.36	0.76	-77.26	6,080.36	815.23	6,131.29	6,129.17	2.12	2,890.167	
500.00	498.70	540.47	540.44	1.75	0.95	-77.42	6,079.78	816.59	6,128.22	6,125.52	2.70	2,270.200	
600.00	597.47	604.00	603.97	2.18	1.06	-77.57	6,079.37	817.56	6,124.46	6,121.23	3.23	1,895.287	
700.00	695.62	664.84	664.80	2.63	1.27	-77.74	6,079.34	818.51	6,120.59	6,116.69	3.90	1,569.450	
800.00	793.06	873.69	873.62	3.12	1.98	-78.28	6,079.19	817.59	6,115.69	6,110.59	5.10	1,198.919	
900.00	889.64	931.91	931.84	3.66	2.18	-78.54	6,078.76	816.66	6,109.44	6,103.61	5.83	1,047.615	
1,000.00	985.27	1,188.80	1,188.31	4.25	3.09	-79.30	6,072.72	826.10	6,101.31	6,093.99	7.32	833.633	
1,100.00	1,079.82	1,246.00	1,245.05	4.89	3.31	-79.59	6,070.50	832.89	6,092.22	6,084.05	8.16	746.307	
1,200.00	1,173.17	1,396.81	1,393.56	5.58	3.91	-80.05	6,063.53	858.04	6,082.45	6,073.00	9.45	643.705	
1,300.00	1,265.21	1,631.59	1,621.45	6.34	5.00	-80.64	6,047.16	911.90	6,070.29	6,059.03	11.26	539.131	
1,400.00	1,355.84	1,890.00	1,868.55	7.16	6.41	-81.29	6,020.62	982.59	6,054.10	6,040.67	13.43	450.746	
1,500.00	1,444.94	1,890.00	1,868.55	8.05	6.41	-81.61	6,020.62	982.59	6,038.23	6,023.91	14.32	421.666	
1,600.00	1,532.39	1,950.00	1,925.71	9.02	6.77	-82.03	6,014.46	999.75	6,022.40	6,006.78	15.62	385.644	
1,700.00	1,618.11	1,986.00	1,959.97	10.05	6.98	-82.41	6,011.48	1,010.40	6,007.64	5,990.79	16.85	356.506	
1,800.00	1,701.97	2,033.19	2,004.86	11.16	7.26	-82.81	6,007.99	1,024.54	5,993.42	5,975.19	18.23	328.709	
1,900.00	1,783.88	2,305.09	2,263.72	12.35	8.93	-83.91	5,984.44	1,104.23	5,977.89	5,956.89	21.00	284.669	
2,000.00	1,863.74	2,368.00	2,323.72	13.61	9.32	-84.46	5,978.49	1,122.17	5,961.12	5,938.49	22.63	263.427	
2,100.00	1,941.45	2,409.34	2,363.13	14.95	9.58	-84.95	5,974.85	1,134.12	5,944.76	5,920.54	24.22	245.460	
2,112.50	1,951.01	2,421.11	2,374.34	15.12	9.65	-85.03	5,973.81	1,137.55	5,942.73	5,918.27	24.46	242.944	
2,200.00	2,017.79	2,714.63	2,653.03	16.35	11.54	-86.14	5,943.05	1,224.14	5,927.73	5,900.31	27.42	216.176	
2,300.00	2,094.11	2,823.09	2,755.40	17.76	12.28	-86.55	5,929.36	1,257.28	5,908.48	5,878.98	29.50	200.304	
2,400.00	2,170.44	2,879.64	2,808.90	19.17	12.65	-86.76	5,922.07	1,274.05	5,889.32	5,858.06	31.26	188.386	
2,500.00	2,246.76	2,936.00	2,862.78	20.60	13.01	-86.99	5,915.89	1,289.38	5,871.64	5,838.61	33.03	177.771	
2,600.00	2,323.08	2,936.00	2,862.78	22.03	13.01	-86.99	5,915.89	1,289.38	5,854.70	5,820.21	34.49	169.762	
2,700.00	2,399.41	3,076.51	2,997.62	23.47	13.86	-87.58	5,900.83	1,325.91	5,837.92	5,801.22	36.70	159.076	
2,800.00	2,475.73	3,143.27	3,061.92	24.91	14.26	-87.87	5,893.79	1,342.46	5,821.73	5,783.21	38.52	151.150	
2,900.00	2,552.05	3,222.00	3,137.90	26.36	14.72	-88.22	5,885.38	1,361.25	5,805.77	5,765.38	40.39	143.752	
3,000.00	2,628.38	3,703.00	3,591.91	27.80	17.99	-90.11	5,822.23	1,504.51	5,789.69	5,745.13	44.57	129.913	
3,100.00	2,704.70	3,703.00	3,591.91	29.25	17.99	-90.11	5,822.23	1,504.51	5,769.24	5,723.16	46.08	125.212	
3,200.00	2,781.02	3,752.99	3,637.95	30.71	18.38	-90.28	5,814.40	1,522.34	5,749.67	5,701.78	47.90	120.044	
3,300.00	2,857.35	3,798.00	3,679.84	32.16	18.72	-90.44	5,808.26	1,537.64	5,731.67	5,681.98	49.69	115.352	
3,400.00	2,933.67	3,798.00	3,679.84	33.62	18.72	-90.44	5,808.26	1,537.64	5,714.72	5,663.52	51.20	111.613	
3,500.00	3,009.99	3,845.87	3,724.71	35.07	19.06	-90.62	5,802.47	1,553.27	5,698.99	5,646.00	52.99	107.545	
3,600.00	3,086.31	3,894.00	3,770.07	36.53	19.41	-90.81	5,797.20	1,568.46	5,684.41	5,629.63	54.78	103.763	
3,700.00	3,162.64	3,894.00	3,770.07	37.99	19.41	-90.81	5,797.20	1,568.46	5,671.06	5,614.78	56.29	100.750	
3,800.00	3,238.96	3,949.36	3,822.54	39.45	19.77	-91.03	5,791.93	1,585.28	5,658.68	5,600.58	58.10	97.395	
3,900.00	3,315.28	3,990.00	3,861.27	40.91	20.05	-91.19	5,788.66	1,597.19	5,647.68	5,587.85	59.83	94.401	
4,000.00	3,391.61	4,020.31	3,890.26	42.37	20.23	-91.32	5,786.51	1,605.75	5,637.84	5,576.36	61.48	91.706	
4,100.00	3,467.93	4,086.00	3,953.45	43.84	20.63	-91.61	5,782.41	1,623.22	5,629.23	5,565.91	63.31	88.913	
4,200.00	3,544.25	4,426.45	4,284.51	45.30	22.48	-93.26	5,753.75	1,696.63	5,621.32	5,555.07	66.26	84.839	
4,300.00	3,620.58	4,515.48	4,370.40	46.76	23.00	-93.68	5,743.43	1,717.66	5,609.05	5,540.90	68.15	82.305	
4,400.00	3,696.90	4,563.00	4,416.52	48.23	23.27	-93.91	5,738.34	1,727.97	5,597.98	5,528.13	69.86	80.136	
4,500.00	3,773.22	4,690.29	4,539.39	49.69	24.01	-94.52	5,724.30	1,757.99	5,586.88	5,514.98	71.90	77.706	
4,600.00	3,849.55	4,755.00	4,602.04	51.16	24.39	-94.83	5,717.51	1,772.72	5,576.67	5,503.00	73.67	75.693	
4,700.00	3,925.87	4,874.90	4,717.59	52.62	25.10	-95.39	5,704.75	1,801.99	5,566.76	5,491.07	75.69	73.547	
4,800.00	4,002.19	4,947.00	4,786.83	54.09	25.54	-95.72	5,697.02	1,820.56	5,556.86	5,479.34	77.51	71.688	
4,900.00	4,078.51	4,947.00	4,786.83	55.56	25.54	-95.72	5,697.02	1,820.56	5,548.03	5,469.02	79.01	70.219	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 604-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	
5,000.00	4,154.84	5,002.19	4,839.89	57.02	25.88	-95.98	5,691.82	1,834.84	5,540.21	5,459.46	80.75	68.611	
5,100.00	4,231.16	5,042.00	4,878.12	58.49	26.12	-96.15	5,688.77	1,845.51	5,533.84	5,451.43	82.41	67.152	
5,200.00	4,307.48	5,042.00	4,878.12	59.96	26.12	-96.15	5,688.77	1,845.51	5,528.86	5,445.00	83.86	65.930	
5,300.00	4,383.81	5,090.06	4,924.42	61.43	26.40	-96.37	5,685.81	1,858.02	5,525.01	5,439.48	85.53	64.600	
5,400.00	4,460.13	5,137.00	4,969.98	62.89	26.67	-96.59	5,683.65	1,869.13	5,522.76	5,435.58	87.18	63.351	
5,500.00	4,536.45	5,170.02	5,002.14	64.36	26.84	-96.75	5,682.34	1,876.48	5,521.60	5,432.87	88.73	62.228	
5,600.00	4,612.78	5,303.06	5,131.96	65.83	27.54	-97.41	5,676.19	1,904.95	5,520.77	5,430.04	90.73	60.851	
5,700.00	4,689.10	5,420.11	5,246.21	67.30	28.15	-97.99	5,669.80	1,929.53	5,519.69	5,427.06	92.63	59.592	
5,797.53	4,763.54	5,464.12	5,289.25	68.73	28.37	-98.22	5,667.38	1,938.39	5,519.16	5,425.00	94.16	58.615	
5,800.00	4,765.42	5,465.23	5,290.34	68.77	28.37	-98.22	5,667.33	1,938.61	5,519.17	5,424.97	94.20	58.590	
5,900.00	4,841.75	5,516.00	5,340.09	70.24	28.63	-98.48	5,664.87	1,948.42	5,519.75	5,423.97	95.78	57.628	
6,000.00	4,918.07	5,596.33	5,418.88	71.70	29.02	-98.90	5,661.23	1,963.65	5,521.15	5,423.67	97.47	56.643	
6,100.00	4,994.39	5,708.00	5,528.36	73.17	29.57	-99.47	5,655.60	1,984.96	5,522.48	5,423.20	99.28	55.624	
6,200.00	5,070.72	5,747.26	5,566.90	74.64	29.75	-99.68	5,653.60	1,992.15	5,524.59	5,423.82	100.77	54.822	
6,300.00	5,147.04	5,804.00	5,622.83	76.11	30.01	-99.98	5,651.49	2,001.43	5,528.36	5,426.05	102.32	54.032	
6,400.00	5,223.36	5,804.00	5,622.83	77.58	30.01	-99.98	5,651.49	2,001.43	5,533.03	5,429.42	103.61	53.402	
6,500.00	5,299.68	5,837.54	5,656.00	79.05	30.15	-100.17	5,650.60	2,006.33	5,539.27	5,434.26	105.01	52.752	
6,600.00	5,376.01	5,899.00	5,716.93	80.52	30.40	-100.51	5,649.42	2,014.31	5,546.89	5,440.40	106.49	52.089	
6,700.00	5,452.33	5,899.00	5,716.93	81.99	30.40	-100.51	5,649.42	2,014.31	5,555.50	5,447.80	107.71	51.580	
6,800.00	5,528.65	5,940.39	5,758.02	83.46	30.55	-100.74	5,649.05	2,019.22	5,565.51	5,456.44	109.06	51.030	
6,900.00	5,604.98	5,995.00	5,812.26	84.93	30.75	-101.05	5,649.33	2,025.60	5,576.94	5,466.48	110.46	50.489	
7,000.00	5,681.30	5,995.00	5,812.26	86.40	30.75	-101.05	5,649.33	2,025.60	5,589.44	5,477.85	111.59	50.088	
7,100.00	5,757.62	5,995.00	5,812.26	87.87	30.75	-101.05	5,649.33	2,025.60	5,603.71	5,491.01	112.69	49.726	
7,176.71	5,816.17	6,018.65	5,835.76	89.00	30.83	-101.18	5,649.90	2,028.17	5,615.46	5,501.84	113.62	49.422	
7,200.00	5,833.92	6,021.27	5,838.36	89.34	30.84	-98.38	5,650.00	2,028.43	5,618.81	5,504.93	113.88	49.339	
7,250.00	5,871.73	6,043.00	5,859.97	90.07	30.91	-92.70	5,651.06	2,030.45	5,623.39	5,508.88	114.52	49.105	
7,300.00	5,908.91	6,043.00	5,859.97	90.78	30.91	-87.32	5,651.06	2,030.45	5,623.91	5,508.87	115.05	48.884	
7,350.00	5,945.18	6,043.00	5,859.97	91.48	30.91	-82.48	5,651.06	2,030.45	5,620.67	5,505.11	115.56	48.639	
7,400.00	5,980.26	6,043.00	5,859.97	92.14	30.91	-78.21	5,651.06	2,030.45	5,613.68	5,497.63	116.06	48.371	
7,450.00	6,013.88	6,043.00	5,859.97	92.77	30.91	-74.55	5,651.06	2,030.45	5,602.99	5,486.47	116.53	48.083	
7,500.00	6,045.79	6,043.00	5,859.97	93.36	30.91	-71.49	5,651.06	2,030.45	5,588.66	5,471.69	116.97	47.779	
7,550.00	6,075.75	6,064.25	5,881.12	93.90	30.97	-69.19	5,652.43	2,032.10	5,570.57	5,453.07	117.49	47.412	
7,600.00	6,103.52	6,070.55	5,887.39	94.40	30.99	-67.36	5,652.88	2,032.51	5,549.08	5,431.17	117.90	47.065	
7,650.00	6,128.89	6,090.00	5,906.75	94.85	31.04	-66.23	5,654.36	2,033.61	5,524.31	5,405.96	118.35	46.679	
7,700.00	6,151.68	6,090.00	5,906.75	95.25	31.04	-65.51	5,654.36	2,033.61	5,496.20	5,377.55	118.65	46.323	
7,750.00	6,171.71	6,090.00	5,906.75	95.60	31.04	-65.38	5,654.36	2,033.61	5,465.09	5,346.18	118.91	45.958	
7,800.00	6,188.82	6,090.00	5,906.75	95.91	31.04	-65.88	5,654.36	2,033.61	5,431.16	5,312.02	119.14	45.586	
7,850.00	6,202.89	6,090.00	5,906.75	96.16	31.04	-67.10	5,654.36	2,033.61	5,394.62	5,275.29	119.33	45.207	
7,900.00	6,213.81	6,107.36	5,924.02	96.38	31.08	-69.43	5,655.85	2,034.57	5,355.63	5,236.04	119.59	44.782	
7,950.00	6,221.49	6,113.24	5,929.86	96.55	31.10	-72.67	5,656.40	2,034.95	5,314.53	5,194.77	119.76	44.377	
8,000.00	6,225.88	6,117.68	5,934.27	96.69	31.11	-77.25	5,656.83	2,035.25	5,271.56	5,151.66	119.89	43.969	
8,040.96	6,227.00	6,120.18	5,936.75	96.77	31.12	-82.29	5,657.07	2,035.43	5,235.17	5,115.19	119.98	43.634	
8,100.00	6,227.00	6,123.06	5,939.60	96.88	31.12	-82.36	5,657.36	2,035.64	5,182.10	5,062.01	120.09	43.152	
8,200.00	6,227.00	6,139.00	5,955.41	97.07	31.17	-82.75	5,659.04	2,036.94	5,092.53	4,972.19	120.35	42.315	
8,300.00	6,227.00	6,139.00	5,955.41	97.28	31.17	-82.75	5,659.04	2,036.94	5,003.31	4,882.79	120.51	41.517	
8,400.00	6,227.00	6,139.00	5,955.41	97.49	31.17	-82.75	5,659.04	2,036.94	4,914.50	4,793.82	120.68	40.722	
8,500.00	6,227.00	6,139.00	5,955.41	97.72	31.17	-82.75	5,659.04	2,036.94	4,826.13	4,705.27	120.86	39.933	
8,600.00	6,227.00	6,139.00	5,955.41	97.97	31.17	-82.75	5,659.04	2,036.94	4,738.22	4,617.18	121.03	39.148	
8,700.00	6,227.00	6,139.00	5,955.41	98.23	31.17	-82.75	5,659.04	2,036.94	4,650.79	4,529.58	121.22	38.368	
8,800.00	6,227.00	6,154.73	5,970.97	98.50	31.21	-83.14	5,660.86	2,038.37	4,563.81	4,442.29	121.52	37.557	
8,900.00	6,227.00	6,159.09	5,975.28	98.79	31.22	-83.24	5,661.40	2,038.79	4,477.40	4,355.66	121.74	36.777	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 604-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	
9,000.00	6,227.00	6,163.68	5,979.80	99.09	31.24	-83.35	5,661.98	2,039.23	4,391.56	4,269.59	121.98	36.003	
9,100.00	6,227.00	6,168.51	5,984.57	99.41	31.25	-83.47	5,662.60	2,039.71	4,306.32	4,184.10	122.22	35.235	
9,200.00	6,227.00	6,186.00	6,001.80	99.75	31.30	-83.90	5,664.99	2,041.52	4,221.75	4,099.19	122.56	34.446	
9,300.00	6,227.00	6,186.00	6,001.80	100.10	31.30	-83.90	5,664.99	2,041.52	4,137.78	4,015.00	122.78	33.702	
9,400.00	6,227.00	6,186.00	6,001.80	100.47	31.30	-83.90	5,664.99	2,041.52	4,054.53	3,931.53	122.99	32.965	
9,500.00	6,227.00	6,186.00	6,001.80	100.86	31.30	-83.90	5,664.99	2,041.52	3,972.05	3,848.84	123.22	32.237	
9,600.00	6,227.00	6,186.00	6,001.80	101.26	31.30	-83.90	5,664.99	2,041.52	3,890.40	3,766.96	123.44	31.516	
9,700.00	6,227.00	6,186.00	6,001.80	101.68	31.30	-83.90	5,664.99	2,041.52	3,809.62	3,685.95	123.67	30.805	
9,800.00	6,227.00	6,186.00	6,001.80	102.13	31.30	-83.90	5,664.99	2,041.52	3,729.77	3,605.88	123.90	30.104	
9,900.00	6,227.00	6,198.82	6,014.40	102.59	31.33	-84.21	5,666.94	2,042.89	3,650.80	3,526.55	124.25	29.383	
10,000.00	6,227.00	6,201.91	6,017.43	103.07	31.34	-84.29	5,667.44	2,043.21	3,572.94	3,448.42	124.52	28.695	
10,100.00	6,227.00	6,216.00	6,031.23	103.58	31.38	-84.63	5,669.89	2,044.66	3,496.28	3,371.38	124.89	27.994	
10,200.00	6,227.00	6,216.00	6,031.23	104.10	31.38	-84.63	5,669.89	2,044.66	3,420.67	3,295.53	125.13	27.336	
10,300.00	6,227.00	6,216.00	6,031.23	104.65	31.38	-84.63	5,669.89	2,044.66	3,346.34	3,220.97	125.37	26.691	
10,400.00	6,227.00	6,216.00	6,031.23	105.22	31.38	-84.63	5,669.89	2,044.66	3,273.38	3,147.77	125.61	26.060	
10,500.00	6,227.00	6,216.00	6,031.23	105.82	31.38	-84.63	5,669.89	2,044.66	3,201.88	3,076.04	125.84	25.444	
10,600.00	6,227.00	6,216.00	6,031.23	106.43	31.38	-84.63	5,669.89	2,044.66	3,131.94	3,005.88	126.07	24.844	
10,700.00	6,227.00	6,216.00	6,031.23	107.07	31.38	-84.63	5,669.89	2,044.66	3,063.67	2,937.39	126.28	24.260	
10,800.00	6,227.00	6,231.49	6,046.33	107.74	31.42	-85.01	5,672.93	2,046.21	2,996.99	2,870.31	126.68	23.657	
10,900.00	6,227.00	6,246.00	6,060.42	108.42	31.45	-85.36	5,676.14	2,047.63	2,932.36	2,805.29	127.07	23.077	
11,000.00	6,227.00	6,246.00	6,060.42	109.14	31.45	-85.36	5,676.14	2,047.63	2,869.58	2,742.32	127.26	22.548	
11,100.00	6,227.00	6,246.00	6,060.42	109.87	31.45	-85.36	5,676.14	2,047.63	2,808.96	2,681.52	127.44	22.041	
11,200.00	6,227.00	6,246.00	6,060.42	110.64	31.45	-85.36	5,676.14	2,047.63	2,750.65	2,623.04	127.60	21.557	
11,300.00	6,227.00	6,261.71	6,075.58	111.43	31.49	-85.74	5,679.97	2,049.14	2,694.64	2,566.67	127.96	21.058	
11,400.00	6,227.00	6,282.00	6,095.03	112.24	31.54	-86.23	5,685.40	2,051.09	2,641.26	2,512.87	128.38	20.573	
11,500.00	6,227.00	6,282.00	6,095.03	113.08	31.54	-86.23	5,685.40	2,051.09	2,590.40	2,461.92	128.48	20.162	
11,600.00	6,227.00	6,294.32	6,106.76	113.94	31.56	-86.53	5,688.97	2,052.30	2,542.40	2,413.66	128.74	19.748	
11,700.00	6,227.00	6,311.60	6,123.09	114.83	31.60	-86.94	5,694.33	2,054.10	2,497.29	2,368.24	129.06	19.350	
11,800.00	6,227.00	6,330.00	6,140.31	115.74	31.64	-87.38	5,700.48	2,056.14	2,455.19	2,325.82	129.37	18.979	
11,900.00	6,227.00	6,330.00	6,140.31	116.68	31.64	-87.38	5,700.48	2,056.14	2,416.37	2,287.04	129.33	18.683	
12,000.00	6,227.00	6,359.45	6,167.49	117.64	31.69	-88.07	5,711.31	2,059.45	2,380.68	2,250.90	129.77	18.345	
12,100.00	6,227.00	6,379.00	6,185.25	118.63	31.73	-88.52	5,719.18	2,061.59	2,348.55	2,218.55	130.01	18.065	
12,200.00	6,227.00	6,424.36	6,224.16	119.64	31.81	-89.52	5,741.55	2,067.73	2,319.66	2,188.94	130.71	17.746	
12,300.00	6,227.00	6,452.91	6,246.77	120.68	31.85	-90.10	5,758.33	2,072.25	2,293.81	2,162.73	131.09	17.499	
12,400.00	6,227.00	6,473.00	6,261.69	121.74	31.88	-90.48	5,771.40	2,075.44	2,271.40	2,140.15	131.25	17.306	
12,500.00	6,227.00	6,490.02	6,273.89	122.82	31.89	-90.80	5,783.01	2,077.89	2,252.67	2,121.37	131.30	17.157	
12,600.00	6,227.00	6,505.00	6,284.46	123.92	31.90	-91.07	5,793.47	2,079.65	2,237.84	2,106.60	131.24	17.051	
12,700.00	6,227.00	6,505.00	6,284.46	125.04	31.90	-91.07	5,793.47	2,079.65	2,227.15	2,096.36	130.79	17.028	
12,800.00	6,227.00	6,547.00	6,313.09	126.19	31.90	-91.81	5,824.04	2,082.67	2,220.17	2,088.93	131.24	16.917 SF	
12,900.00	6,227.00	6,547.00	6,313.09	127.35	31.90	-91.81	5,824.04	2,082.67	2,217.05	2,086.39	130.66	16.968 ES	
12,919.17	6,227.00	6,547.00	6,313.09	127.58	31.90	-91.81	5,824.04	2,082.67	2,216.96	2,086.42	130.54	16.982 CC	
13,000.00	6,227.00	6,547.00	6,313.09	128.54	31.90	-91.81	5,824.04	2,082.67	2,218.44	2,088.42	130.02	17.062	
13,100.00	6,227.00	6,547.00	6,313.09	129.74	31.90	-91.81	5,824.04	2,082.67	2,224.33	2,095.01	129.32	17.200	
13,200.00	6,227.00	6,547.00	6,313.09	130.97	31.90	-91.81	5,824.04	2,082.67	2,234.68	2,106.12	128.56	17.382	
13,300.00	6,227.00	6,547.00	6,313.09	132.21	31.90	-91.81	5,824.04	2,082.67	2,249.44	2,121.67	127.76	17.607	
13,400.00	6,227.00	6,547.00	6,313.09	133.47	31.90	-91.81	5,824.04	2,082.67	2,268.51	2,141.59	126.92	17.874	
13,500.00	6,227.00	6,547.00	6,313.09	134.74	31.90	-91.81	5,824.04	2,082.67	2,291.79	2,165.74	126.05	18.182	
13,600.00	6,227.00	6,547.00	6,313.09	136.03	31.90	-91.81	5,824.04	2,082.67	2,319.15	2,194.00	125.15	18.531	
13,700.00	6,227.00	6,547.00	6,313.09	137.34	31.90	-91.81	5,824.04	2,082.67	2,350.45	2,226.21	124.25	18.918	
13,800.00	6,227.00	6,547.00	6,313.09	138.67	31.90	-91.81	5,824.04	2,082.67	2,385.54	2,262.20	123.34	19.342	
13,900.00	6,227.00	6,547.00	6,313.09	140.00	31.90	-91.81	5,824.04	2,082.67	2,424.24	2,301.81	122.43	19.801	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 604-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	
14,000.00	6,227.00	6,547.00	6,313.09	141.36	31.90	-91.81	5,824.04	2,082.67	2,466.40	2,344.86	121.54	20.292	
14,100.00	6,227.00	6,547.00	6,313.09	142.72	31.90	-91.81	5,824.04	2,082.67	2,511.83	2,391.16	120.67	20.815	
14,200.00	6,227.00	6,547.00	6,313.09	144.10	31.90	-91.81	5,824.04	2,082.67	2,560.36	2,440.53	119.83	21.367	
14,300.00	6,227.00	6,547.00	6,313.09	145.49	31.90	-91.81	5,824.04	2,082.67	2,611.82	2,492.81	119.02	21.945	
14,400.00	6,227.00	6,547.00	6,313.09	146.90	31.90	-91.81	5,824.04	2,082.67	2,666.04	2,547.81	118.24	22.548	
14,500.00	6,227.00	6,547.00	6,313.09	148.31	31.90	-91.81	5,824.04	2,082.67	2,722.86	2,605.36	117.50	23.174	
14,600.00	6,227.00	6,547.00	6,313.09	149.74	31.90	-91.81	5,824.04	2,082.67	2,782.11	2,665.31	116.79	23.821	
14,700.00	6,227.00	6,547.00	6,313.09	151.18	31.90	-91.81	5,824.04	2,082.67	2,843.64	2,727.51	116.13	24.486	
14,800.00	6,227.00	6,547.00	6,313.09	152.62	31.90	-91.81	5,824.04	2,082.67	2,907.31	2,791.80	115.51	25.169	
14,900.00	6,227.00	6,547.00	6,313.09	154.08	31.90	-91.81	5,824.04	2,082.67	2,972.98	2,858.05	114.93	25.867	
15,000.00	6,227.00	6,547.00	6,313.09	155.55	31.90	-91.81	5,824.04	2,082.67	3,040.52	2,926.13	114.39	26.579	
15,100.00	6,227.00	6,547.00	6,313.09	157.03	31.90	-91.81	5,824.04	2,082.67	3,109.81	2,995.92	113.89	27.304	
15,200.00	6,227.00	6,547.00	6,313.09	158.51	31.90	-91.81	5,824.04	2,082.67	3,180.74	3,067.31	113.43	28.041	
15,300.00	6,227.00	6,547.00	6,313.09	160.01	31.90	-91.81	5,824.04	2,082.67	3,253.19	3,140.19	113.01	28.787	
15,400.00	6,227.00	6,547.00	6,313.09	161.51	31.90	-91.81	5,824.04	2,082.67	3,327.08	3,214.46	112.62	29.543	
15,500.00	6,227.00	6,547.00	6,313.09	163.02	31.90	-91.81	5,824.04	2,082.67	3,402.29	3,290.03	112.26	30.307	
15,600.00	6,227.00	6,547.00	6,313.09	164.54	31.90	-91.81	5,824.04	2,082.67	3,478.76	3,366.83	111.93	31.078	
15,700.00	6,227.00	6,547.00	6,313.09	166.06	31.90	-91.81	5,824.04	2,082.67	3,556.39	3,444.76	111.64	31.856	
15,800.00	6,227.00	6,547.00	6,313.09	167.59	31.90	-91.81	5,824.04	2,082.67	3,635.12	3,523.75	111.37	32.640	
15,900.00	6,227.00	6,547.00	6,313.09	169.13	31.90	-91.81	5,824.04	2,082.67	3,714.87	3,603.75	111.13	33.430	
16,000.00	6,227.00	6,547.00	6,313.09	170.68	31.90	-91.81	5,824.04	2,082.67	3,795.58	3,684.68	110.91	34.224	
16,100.00	6,227.00	6,547.00	6,313.09	172.23	31.90	-91.81	5,824.04	2,082.67	3,877.19	3,766.48	110.71	35.022	
16,200.00	6,227.00	6,547.00	6,313.09	173.78	31.90	-91.81	5,824.04	2,082.67	3,959.64	3,849.11	110.53	35.824	
16,300.00	6,227.00	6,547.00	6,313.09	175.35	31.90	-91.81	5,824.04	2,082.67	4,042.89	3,932.51	110.37	36.629	
16,400.00	6,227.00	6,547.00	6,313.09	176.92	31.90	-91.81	5,824.04	2,082.67	4,126.87	4,016.64	110.23	37.438	
16,500.00	6,227.00	6,547.00	6,313.09	178.49	31.90	-91.81	5,824.04	2,082.67	4,211.56	4,101.45	110.11	38.249	
16,600.00	6,227.00	6,547.00	6,313.09	180.07	31.90	-91.81	5,824.04	2,082.67	4,296.91	4,186.91	110.00	39.063	
16,700.00	6,227.00	6,547.00	6,313.09	181.65	31.90	-91.81	5,824.04	2,082.67	4,382.88	4,272.97	109.90	39.879	
16,800.00	6,227.00	6,547.00	6,313.09	183.24	31.90	-91.81	5,824.04	2,082.67	4,469.42	4,359.60	109.82	40.697	
16,900.00	6,227.00	6,547.00	6,313.09	184.84	31.90	-91.81	5,824.04	2,082.67	4,556.53	4,446.77	109.75	41.517	
17,000.00	6,227.00	6,547.00	6,313.09	186.43	31.90	-91.81	5,824.04	2,082.67	4,644.15	4,534.45	109.69	42.338	
17,100.00	6,227.00	6,547.00	6,313.09	188.04	31.90	-91.81	5,824.04	2,082.67	4,732.26	4,622.62	109.64	43.161	
17,200.00	6,227.00	6,547.00	6,313.09	189.64	31.90	-91.81	5,824.04	2,082.67	4,820.83	4,711.23	109.60	43.985	
17,300.00	6,227.00	6,547.00	6,313.09	191.25	31.90	-91.81	5,824.04	2,082.67	4,909.85	4,800.28	109.57	44.811	
17,400.00	6,227.00	6,547.00	6,313.09	192.87	31.90	-91.81	5,824.04	2,082.67	4,999.28	4,889.73	109.54	45.637	
17,500.00	6,227.00	6,547.00	6,313.09	194.48	31.90	-91.81	5,824.04	2,082.67	5,089.10	4,979.57	109.53	46.464	
17,600.00	6,227.00	6,547.00	6,313.09	196.11	31.90	-91.81	5,824.04	2,082.67	5,179.29	5,069.78	109.52	47.293	
17,677.76	6,227.00	6,547.00	6,313.09	197.37	31.90	-91.81	5,824.04	2,082.67	5,249.67	5,140.16	109.51	47.937	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HNB - STK 1 - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 604-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	16.79	16.79	0.00	0.03	7.61	6,081.43	812.71	6,135.49				
100.00	100.00	121.73	121.73	0.27	0.21	7.61	6,081.35	812.90	6,135.44	6,134.96	0.48	N/A	
200.00	199.98	226.65	226.65	0.62	0.40	-77.07	6,081.14	813.39	6,134.91	6,133.90	1.02	6,021.168	
300.00	299.84	331.48	331.47	0.99	0.58	-77.14	6,080.81	814.17	6,133.53	6,131.97	1.56	3,924.839	
400.00	399.45	436.12	436.11	1.36	0.76	-77.26	6,080.36	815.23	6,131.29	6,129.17	2.12	2,890.167	
500.00	498.70	540.47	540.44	1.75	0.95	-77.42	6,079.78	816.59	6,128.22	6,125.52	2.70	2,270.200	
600.00	597.47	604.00	603.97	2.18	1.06	-77.57	6,079.37	817.56	6,124.46	6,121.23	3.23	1,895.287	
700.00	695.62	664.84	664.80	2.63	1.27	-77.74	6,079.34	818.51	6,120.59	6,116.69	3.90	1,569.450	
800.00	793.06	873.69	873.62	3.12	1.98	-78.28	6,079.19	817.59	6,115.69	6,110.59	5.10	1,198.919	
900.00	889.64	931.91	931.84	3.66	2.18	-78.54	6,078.76	816.66	6,109.44	6,103.61	5.83	1,047.615	
1,000.00	985.27	1,188.80	1,188.31	4.25	3.09	-79.30	6,072.72	826.10	6,101.31	6,093.99	7.32	833.633	
1,100.00	1,079.82	1,246.00	1,245.05	4.89	3.31	-79.59	6,070.50	832.89	6,092.22	6,084.05	8.16	746.307	
1,200.00	1,173.17	1,396.81	1,393.56	5.58	3.91	-80.05	6,063.53	858.04	6,082.45	6,073.00	9.45	643.705	
1,300.00	1,265.21	1,631.59	1,621.45	6.34	5.00	-80.64	6,047.16	911.90	6,070.29	6,059.03	11.26	539.131	
1,400.00	1,355.84	1,890.00	1,868.55	7.16	6.41	-81.29	6,020.62	982.59	6,054.10	6,040.67	13.43	450.746	
1,500.00	1,444.94	1,890.00	1,868.55	8.05	6.41	-81.61	6,020.62	982.59	6,038.23	6,023.91	14.32	421.666	
1,600.00	1,532.39	1,950.00	1,925.71	9.02	6.77	-82.03	6,014.46	999.75	6,022.40	6,006.78	15.62	385.644	
1,700.00	1,618.11	1,986.00	1,959.97	10.05	6.98	-82.41	6,011.48	1,010.40	6,007.64	5,990.79	16.85	356.506	
1,800.00	1,701.97	2,033.19	2,004.86	11.16	7.26	-82.81	6,007.99	1,024.54	5,993.42	5,975.19	18.23	328.709	
1,900.00	1,783.88	2,305.09	2,263.72	12.35	8.93	-83.91	5,984.44	1,104.23	5,977.89	5,956.89	21.00	284.669	
2,000.00	1,863.74	2,368.00	2,323.72	13.61	9.32	-84.46	5,978.49	1,122.17	5,961.12	5,938.49	22.63	263.427	
2,100.00	1,941.45	2,409.34	2,363.13	14.95	9.58	-84.95	5,974.85	1,134.12	5,944.76	5,920.54	24.22	245.460	
2,112.50	1,951.01	2,421.11	2,374.34	15.12	9.65	-85.03	5,973.81	1,137.55	5,942.73	5,918.27	24.46	242.944	
2,200.00	2,017.79	2,714.63	2,653.03	16.35	11.54	-86.14	5,943.05	1,224.14	5,927.73	5,900.31	27.42	216.176	
2,300.00	2,094.11	2,823.09	2,755.40	17.76	12.28	-86.55	5,929.36	1,257.28	5,908.48	5,878.98	29.50	200.304	
2,400.00	2,170.44	2,879.64	2,808.90	19.17	12.65	-86.76	5,922.07	1,274.05	5,889.32	5,858.06	31.26	188.386	
2,500.00	2,246.76	2,936.00	2,862.78	20.60	13.01	-86.99	5,915.89	1,289.38	5,871.64	5,838.61	33.03	177.771	
2,600.00	2,323.08	2,936.00	2,862.78	22.03	13.01	-86.99	5,915.89	1,289.38	5,854.70	5,820.21	34.49	169.762	
2,700.00	2,399.41	3,076.51	2,997.62	23.47	13.86	-87.58	5,900.83	1,325.91	5,837.92	5,801.22	36.70	159.076	
2,800.00	2,475.73	3,143.27	3,061.92	24.91	14.26	-87.87	5,893.79	1,342.46	5,821.73	5,783.21	38.52	151.150	
2,900.00	2,552.05	3,222.00	3,137.90	26.36	14.72	-88.22	5,885.38	1,361.25	5,805.77	5,765.38	40.39	143.752	
3,000.00	2,628.38	3,703.00	3,591.91	27.80	17.99	-90.11	5,822.23	1,504.51	5,789.69	5,745.13	44.57	129.913	
3,100.00	2,704.70	3,703.00	3,591.91	29.25	17.99	-90.11	5,822.23	1,504.51	5,769.24	5,723.16	46.08	125.212	
3,200.00	2,781.02	3,752.99	3,637.95	30.71	18.38	-90.28	5,814.40	1,522.34	5,749.67	5,701.78	47.90	120.044	
3,300.00	2,857.35	3,798.00	3,679.84	32.16	18.72	-90.44	5,808.26	1,537.64	5,731.67	5,681.98	49.69	115.352	
3,400.00	2,933.67	3,798.00	3,679.84	33.62	18.72	-90.44	5,808.26	1,537.64	5,714.72	5,663.52	51.20	111.613	
3,500.00	3,009.99	3,845.87	3,724.71	35.07	19.06	-90.62	5,802.47	1,553.27	5,698.99	5,646.00	52.99	107.545	
3,600.00	3,086.31	3,894.00	3,770.07	36.53	19.41	-90.81	5,797.20	1,568.46	5,684.41	5,629.63	54.78	103.763	
3,700.00	3,162.64	3,894.00	3,770.07	37.99	19.41	-90.81	5,797.20	1,568.46	5,671.06	5,614.78	56.29	100.750	
3,800.00	3,238.96	3,949.36	3,822.54	39.45	19.77	-91.03	5,791.93	1,585.28	5,658.68	5,600.58	58.10	97.395	
3,900.00	3,315.28	3,990.00	3,861.27	40.91	20.05	-91.19	5,788.66	1,597.19	5,647.68	5,587.85	59.83	94.401	
4,000.00	3,391.61	4,020.31	3,890.26	42.37	20.23	-91.32	5,786.51	1,605.75	5,637.84	5,576.36	61.48	91.706	
4,100.00	3,467.93	4,086.00	3,953.45	43.84	20.63	-91.61	5,782.41	1,623.22	5,629.23	5,565.91	63.31	88.913	
4,200.00	3,544.25	4,426.45	4,284.51	45.30	22.48	-93.26	5,753.75	1,696.63	5,621.32	5,555.07	66.26	84.839	
4,300.00	3,620.58	4,515.48	4,370.40	46.76	23.00	-93.68	5,743.43	1,717.66	5,609.05	5,540.90	68.15	82.305	
4,400.00	3,696.90	4,563.00	4,416.52	48.23	23.27	-93.91	5,738.34	1,727.97	5,597.98	5,528.13	69.86	80.136	
4,500.00	3,773.22	4,690.29	4,539.39	49.69	24.01	-94.52	5,724.30	1,757.99	5,586.88	5,514.98	71.90	77.706	
4,600.00	3,849.55	4,755.00	4,602.04	51.16	24.39	-94.83	5,717.51	1,772.72	5,576.67	5,503.00	73.67	75.693	
4,700.00	3,925.87	4,874.90	4,717.59	52.62	25.10	-95.39	5,704.75	1,801.99	5,566.76	5,491.07	75.69	73.547	
4,800.00	4,002.19	4,947.00	4,786.83	54.09	25.54	-95.72	5,697.02	1,820.56	5,556.86	5,479.34	77.51	71.688	
4,900.00	4,078.51	4,947.00	4,786.83	55.56	25.54	-95.72	5,697.02	1,820.56	5,548.03	5,469.02	79.01	70.219	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HNB - STK 1 - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 604-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	
5,000.00	4,154.84	5,002.19	4,839.89	57.02	25.88	-95.98	5,691.82	1,834.84	5,540.21	5,459.46	80.75	68.611	
5,100.00	4,231.16	5,042.00	4,878.12	58.49	26.12	-96.15	5,688.77	1,845.51	5,533.84	5,451.43	82.41	67.152	
5,200.00	4,307.48	5,042.00	4,878.12	59.96	26.12	-96.15	5,688.77	1,845.51	5,528.86	5,445.00	83.86	65.930	
5,300.00	4,383.81	5,090.06	4,924.42	61.43	26.40	-96.37	5,685.81	1,858.02	5,525.01	5,439.48	85.53	64.600	
5,400.00	4,460.13	5,137.00	4,969.98	62.89	26.67	-96.59	5,683.65	1,869.13	5,522.76	5,435.58	87.18	63.351	
5,500.00	4,536.45	5,170.02	5,002.14	64.36	26.84	-96.75	5,682.34	1,876.48	5,521.60	5,432.87	88.73	62.228	
5,600.00	4,612.78	5,303.06	5,131.96	65.83	27.54	-97.41	5,676.19	1,904.95	5,520.77	5,430.04	90.73	60.851	
5,700.00	4,689.10	5,420.11	5,246.21	67.30	28.15	-97.99	5,669.80	1,929.53	5,519.69	5,427.06	92.63	59.592	
5,797.53	4,763.54	5,464.12	5,289.25	68.73	28.37	-98.22	5,667.38	1,938.39	5,519.16	5,425.00	94.16	58.615	
5,800.00	4,765.42	5,465.23	5,290.34	68.77	28.37	-98.22	5,667.33	1,938.61	5,519.17	5,424.97	94.20	58.590	
5,900.00	4,841.75	5,516.00	5,340.09	70.24	28.63	-98.48	5,664.87	1,948.42	5,519.75	5,423.97	95.78	57.628	
6,000.00	4,918.07	5,596.33	5,418.88	71.70	29.02	-98.90	5,661.23	1,963.65	5,521.15	5,423.67	97.47	56.643	
6,100.00	4,994.39	5,708.00	5,528.36	73.17	29.57	-99.47	5,655.60	1,984.96	5,522.48	5,423.20	99.28	55.624	
6,200.00	5,070.72	5,757.00	5,576.49	74.64	29.80	-99.73	5,653.33	1,993.85	5,524.77	5,423.96	100.82	54.800	
6,300.00	5,147.04	5,757.00	5,576.49	76.11	29.80	-99.73	5,653.33	1,993.85	5,528.36	5,426.23	102.13	54.129	
6,400.00	5,223.36	5,801.41	5,620.28	77.58	29.99	-99.97	5,651.88	2,001.06	5,533.33	5,429.73	103.60	53.411	
6,500.00	5,299.68	5,835.96	5,654.45	79.05	30.14	-100.16	5,650.96	2,006.11	5,539.57	5,434.57	105.00	52.756	
6,600.00	5,376.01	5,852.00	5,670.33	80.52	30.21	-100.25	5,650.60	2,008.32	5,547.17	5,440.86	106.31	52.181	
6,700.00	5,452.33	5,852.00	5,670.33	81.99	30.21	-100.25	5,650.60	2,008.32	5,556.49	5,448.98	107.51	51.683	
6,800.00	5,528.65	5,900.00	5,717.90	83.46	30.39	-100.51	5,650.80	2,014.69	5,567.14	5,458.24	108.90	51.122	
6,900.00	5,604.98	5,900.00	5,717.90	84.93	30.39	-100.51	5,650.80	2,014.69	5,579.29	5,469.24	110.05	50.700	
7,000.00	5,681.30	5,900.00	5,717.90	86.40	30.39	-100.51	5,650.80	2,014.69	5,593.20	5,482.05	111.15	50.319	
7,100.00	5,757.62	5,900.00	5,717.90	87.87	30.39	-100.51	5,650.80	2,014.69	5,608.87	5,496.64	112.22	49.979	
7,176.71	5,816.17	5,900.00	5,717.90	89.00	30.39	-100.51	5,650.80	2,014.69	5,622.06	5,509.04	113.02	49.744	
7,200.00	5,833.92	5,900.00	5,717.90	89.34	30.39	-97.69	5,650.80	2,014.69	5,625.81	5,512.55	113.26	49.672	
7,250.00	5,871.73	5,925.71	5,743.34	90.07	30.49	-92.00	5,652.17	2,018.13	5,630.50	5,516.57	113.92	49.423	
7,300.00	5,908.91	5,948.00	5,765.29	90.78	30.56	-86.73	5,654.41	2,021.31	5,632.15	5,517.58	114.57	49.158	
7,350.00	5,945.18	5,948.00	5,765.29	91.48	30.56	-81.86	5,654.41	2,021.31	5,629.57	5,514.49	115.07	48.921	
7,400.00	5,980.26	5,948.00	5,765.29	92.14	30.56	-77.57	5,654.41	2,021.31	5,623.22	5,507.66	115.56	48.661	
7,450.00	6,013.88	5,948.00	5,765.29	92.77	30.56	-73.88	5,654.41	2,021.31	5,613.15	5,497.13	116.02	48.382	
7,500.00	6,045.79	5,948.00	5,765.29	93.36	30.56	-70.79	5,654.41	2,021.31	5,599.41	5,482.96	116.45	48.085	
7,550.00	6,075.75	5,948.00	5,765.29	93.90	30.56	-68.28	5,654.41	2,021.31	5,582.08	5,465.24	116.85	47.773	
7,600.00	6,103.52	5,948.00	5,765.29	94.40	30.56	-66.34	5,654.41	2,021.31	5,561.27	5,444.06	117.21	47.448	
7,650.00	6,128.89	5,948.00	5,765.29	94.85	30.56	-64.95	5,654.41	2,021.31	5,537.08	5,419.55	117.53	47.110	
7,700.00	6,151.68	5,948.00	5,765.29	95.25	30.56	-64.11	5,654.41	2,021.31	5,509.67	5,391.84	117.82	46.763	
7,750.00	6,171.71	5,948.00	5,765.29	95.60	30.56	-63.84	5,654.41	2,021.31	5,479.18	5,361.11	118.07	46.405	
7,800.00	6,188.82	5,948.00	5,765.29	95.91	30.56	-64.17	5,654.41	2,021.31	5,445.82	5,327.53	118.29	46.040	
7,850.00	6,202.89	5,948.00	5,765.29	96.16	30.56	-65.18	5,654.41	2,021.31	5,409.77	5,291.31	118.46	45.666	
7,900.00	6,213.81	5,948.00	5,765.29	96.38	30.56	-66.96	5,654.41	2,021.31	5,371.27	5,252.65	118.61	45.284	
7,950.00	6,221.49	5,948.00	5,765.29	96.55	30.56	-69.71	5,654.41	2,021.31	5,330.55	5,211.81	118.73	44.896	
8,000.00	6,225.88	5,948.00	5,765.29	96.69	30.56	-73.69	5,654.41	2,021.31	5,287.87	5,169.05	118.83	44.500	
8,040.96	6,227.00	5,948.00	5,765.29	96.77	30.56	-78.15	5,654.41	2,021.31	5,251.66	5,132.77	118.89	44.172	
8,100.00	6,227.00	5,970.09	5,786.87	96.88	30.64	-78.65	5,657.67	2,024.71	5,198.30	5,079.14	119.16	43.625	
8,200.00	6,227.00	5,971.78	5,788.51	97.07	30.64	-78.69	5,657.97	2,024.98	5,108.99	4,989.67	119.32	42.818	
8,300.00	6,227.00	5,973.56	5,790.23	97.28	30.65	-78.73	5,658.28	2,025.27	5,020.08	4,900.59	119.48	42.016	
8,400.00	6,227.00	5,996.00	5,811.85	97.49	30.72	-79.24	5,662.92	2,029.10	4,932.00	4,812.17	119.83	41.157	
8,500.00	6,227.00	5,996.00	5,811.85	97.72	30.72	-79.24	5,662.92	2,029.10	4,843.87	4,723.88	119.99	40.369	
8,600.00	6,227.00	5,996.00	5,811.85	97.97	30.72	-79.24	5,662.92	2,029.10	4,756.21	4,636.05	120.15	39.585	
8,700.00	6,227.00	5,996.00	5,811.85	98.23	30.72	-79.24	5,662.92	2,029.10	4,669.04	4,548.72	120.31	38.807	
8,800.00	6,227.00	5,996.00	5,811.85	98.50	30.72	-79.24	5,662.92	2,029.10	4,582.39	4,461.91	120.48	38.034	
8,900.00	6,227.00	5,996.00	5,811.85	98.79	30.72	-79.24	5,662.92	2,029.10	4,496.31	4,375.65	120.65	37.267	

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

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Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HNB - STK 1 - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 604-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	
9,000.00	6,227.00	5,996.00	5,811.85	99.09	30.72	-79.24	5,662.92	2,029.10	4,410.80	4,289.98	120.82	36.506	
9,100.00	6,227.00	5,996.00	5,811.85	99.41	30.72	-79.24	5,662.92	2,029.10	4,325.92	4,204.92	121.00	35.751	
9,200.00	6,227.00	5,996.00	5,811.85	99.75	30.72	-79.24	5,662.92	2,029.10	4,241.70	4,120.52	121.18	35.004	
9,300.00	6,227.00	5,996.00	5,811.85	100.10	30.72	-79.24	5,662.92	2,029.10	4,158.18	4,036.82	121.36	34.263	
9,400.00	6,227.00	5,996.00	5,811.85	100.47	30.72	-79.24	5,662.92	2,029.10	4,075.40	3,953.86	121.54	33.531	
9,500.00	6,227.00	5,996.00	5,811.85	100.86	30.72	-79.24	5,662.92	2,029.10	3,993.41	3,871.68	121.73	32.807	
9,600.00	6,227.00	5,996.00	5,811.85	101.26	30.72	-79.24	5,662.92	2,029.10	3,912.26	3,790.35	121.91	32.091	
9,700.00	6,227.00	6,017.48	5,832.26	101.68	30.79	-79.72	5,668.30	2,033.09	3,831.71	3,709.35	122.36	31.316	
9,800.00	6,227.00	6,023.40	5,837.83	102.13	30.81	-79.85	5,669.92	2,034.25	3,752.22	3,629.60	122.62	30.599	
9,900.00	6,227.00	6,044.00	5,857.06	102.59	30.88	-80.31	5,676.00	2,038.48	3,673.82	3,550.73	123.08	29.849	
10,000.00	6,227.00	6,044.00	5,857.06	103.07	30.88	-80.31	5,676.00	2,038.48	3,596.21	3,472.93	123.28	29.171	
10,100.00	6,227.00	6,044.00	5,857.06	103.58	30.88	-80.31	5,676.00	2,038.48	3,519.73	3,396.26	123.48	28.505	
10,200.00	6,227.00	6,044.00	5,857.06	104.10	30.88	-80.31	5,676.00	2,038.48	3,444.46	3,320.79	123.67	27.852	
10,300.00	6,227.00	6,044.00	5,857.06	104.65	30.88	-80.31	5,676.00	2,038.48	3,370.48	3,246.62	123.86	27.212	
10,400.00	6,227.00	6,044.00	5,857.06	105.22	30.88	-80.31	5,676.00	2,038.48	3,297.87	3,173.82	124.05	26.586	
10,500.00	6,227.00	6,065.70	5,877.00	105.82	30.94	-80.78	5,683.20	2,043.06	3,226.30	3,101.75	124.56	25.903	
10,600.00	6,227.00	6,071.99	5,882.73	106.43	30.96	-80.92	5,685.45	2,044.37	3,156.45	3,031.62	124.83	25.286	
10,700.00	6,227.00	6,092.00	5,900.77	107.07	31.02	-81.35	5,693.07	2,048.49	3,088.33	2,963.01	125.32	24.643	
10,800.00	6,227.00	6,092.00	5,900.77	107.74	31.02	-81.35	5,693.07	2,048.49	3,021.62	2,896.13	125.49	24.078	
10,900.00	6,227.00	6,092.00	5,900.77	108.42	31.02	-81.35	5,693.07	2,048.49	2,956.78	2,831.13	125.65	23.532	
11,000.00	6,227.00	6,092.00	5,900.77	109.14	31.02	-81.35	5,693.07	2,048.49	2,893.95	2,768.16	125.79	23.007	
11,100.00	6,227.00	6,092.00	5,900.77	109.87	31.02	-81.35	5,693.07	2,048.49	2,833.25	2,707.35	125.91	22.503	
11,200.00	6,227.00	6,115.47	5,921.67	110.64	31.07	-81.85	5,702.75	2,052.98	2,774.30	2,647.86	126.44	21.942	
11,300.00	6,227.00	6,140.00	5,943.32	111.43	31.13	-82.38	5,713.55	2,057.02	2,718.14	2,591.16	126.98	21.406	
11,400.00	6,227.00	6,140.00	5,943.32	112.24	31.13	-82.38	5,713.55	2,057.02	2,663.94	2,536.89	127.05	20.967	
11,500.00	6,227.00	6,140.00	5,943.32	113.08	31.13	-82.38	5,713.55	2,057.02	2,612.44	2,485.35	127.09	20.555	
11,600.00	6,227.00	6,140.00	5,943.32	113.94	31.13	-82.38	5,713.55	2,057.02	2,563.81	2,436.71	127.10	20.171	
11,700.00	6,227.00	6,140.00	5,943.32	114.83	31.13	-82.38	5,713.55	2,057.02	2,518.21	2,391.14	127.07	19.817	
11,800.00	6,227.00	6,161.95	5,962.40	115.74	31.16	-82.85	5,723.98	2,059.99	2,475.20	2,347.73	127.47	19.418	
11,900.00	6,227.00	6,188.00	5,984.50	116.68	31.19	-83.40	5,737.51	2,062.62	2,436.07	2,308.14	127.92	19.043	
12,000.00	6,227.00	6,188.00	5,984.50	117.64	31.19	-83.40	5,737.51	2,062.62	2,399.56	2,271.77	127.79	18.777	
12,100.00	6,227.00	6,188.00	5,984.50	118.63	31.19	-83.40	5,737.51	2,062.62	2,366.73	2,239.11	127.61	18.546	
12,200.00	6,227.00	6,188.00	5,984.50	119.64	31.19	-83.40	5,737.51	2,062.62	2,337.71	2,210.33	127.38	18.352	
12,300.00	6,227.00	6,207.70	6,000.82	120.68	31.20	-83.81	5,748.46	2,063.93	2,312.20	2,184.65	127.55	18.128	
12,400.00	6,227.00	6,236.00	6,023.71	121.74	31.22	-84.39	5,765.07	2,064.77	2,290.97	2,163.09	127.88	17.915	
12,500.00	6,227.00	6,236.00	6,023.71	122.82	31.22	-84.39	5,765.07	2,064.77	2,273.00	2,145.50	127.50	17.827	
12,600.00	6,227.00	6,236.00	6,023.71	123.92	31.22	-84.39	5,765.07	2,064.77	2,259.31	2,132.25	127.06	17.781	
12,700.00	6,227.00	6,284.00	6,060.00	125.04	31.21	-85.32	5,796.44	2,064.91	2,249.17	2,121.40	127.76	17.604	
12,800.00	6,227.00	6,331.00	6,091.95	126.19	31.20	-86.13	5,830.89	2,064.88	2,242.30	2,113.88	128.42	17.460	
12,900.00	6,227.00	6,379.00	6,122.09	127.35	31.17	-86.90	5,868.24	2,064.68	2,238.16	2,109.07	129.09	17.338	
13,000.00	6,227.00	6,449.17	6,164.84	128.54	31.12	-88.00	5,923.88	2,064.21	2,236.11	2,105.79	130.32	17.158	
13,029.88	6,227.00	6,462.88	6,173.11	128.90	31.11	-88.21	5,934.82	2,064.02	2,235.99	2,105.49	130.49	17.135 CC	
13,100.00	6,227.00	6,504.07	6,197.61	129.74	31.08	-88.84	5,967.91	2,063.19	2,236.61	2,105.47	131.13	17.056 ES	
13,200.00	6,227.00	6,544.22	6,220.87	130.97	31.06	-89.43	6,000.61	2,062.04	2,239.64	2,108.12	131.52	17.029	
13,300.00	6,227.00	6,570.00	6,235.57	132.21	31.04	-89.81	6,021.76	2,060.74	2,245.97	2,114.51	131.46	17.085	
13,400.00	6,227.00	6,617.00	6,260.82	133.47	31.00	-90.46	6,061.24	2,057.31	2,255.33	2,123.35	131.98	17.089	
13,500.00	6,227.00	6,938.37	6,347.96	134.74	30.71	-92.66	6,364.94	2,037.35	2,265.86	2,125.10	140.76	16.098	
13,600.00	6,227.00	7,011.75	6,348.20	136.03	30.70	-92.66	6,438.30	2,035.73	2,268.37	2,126.16	142.21	15.951	
13,700.00	6,227.00	7,090.60	6,347.71	137.34	30.73	-92.64	6,517.11	2,033.34	2,271.72	2,127.87	143.85	15.792	
13,800.00	6,227.00	7,220.06	6,347.76	138.67	30.90	-92.64	6,646.49	2,028.71	2,275.86	2,128.58	147.28	15.453	
13,900.00	6,227.00	7,296.07	6,347.95	140.00	31.11	-92.64	6,722.47	2,026.99	2,278.60	2,129.61	148.98	15.294	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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 24-T5N-R63W - EXIST HZ NORTH PLATTE O-K-24HNB - STK 1 - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 604-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	
14,000.00	6,227.00	7,382.32	6,348.27	141.36	31.46	-92.65	6,808.65	2,023.48	2,282.95	2,131.85	151.10	15.109	
14,100.00	6,227.00	7,495.31	6,348.43	142.72	32.14	-92.64	6,921.57	2,019.71	2,286.61	2,132.34	154.27	14.822	
14,200.00	6,227.00	7,589.06	6,349.64	144.10	32.88	-92.67	7,015.27	2,016.54	2,290.40	2,133.58	156.81	14.606	
14,300.00	6,227.00	7,671.52	6,349.62	145.49	33.64	-92.67	7,097.67	2,013.37	2,294.61	2,135.66	158.95	14.436	
14,400.00	6,227.00	7,763.63	6,348.26	146.90	34.57	-92.63	7,189.66	2,008.94	2,299.68	2,138.17	161.51	14.239	
14,500.00	6,227.00	7,880.97	6,348.10	148.31	35.88	-92.62	7,306.89	2,003.89	2,304.32	2,139.17	165.15	13.953	
14,600.00	6,227.00	7,977.36	6,349.23	149.74	37.04	-92.64	7,403.19	2,000.20	2,308.55	2,140.55	168.00	13.741	
14,700.00	6,227.00	8,126.41	6,351.29	151.18	38.93	-92.69	7,552.16	1,995.86	2,311.86	2,138.75	173.11	13.355	
14,800.00	6,227.00	8,207.45	6,352.39	152.62	40.00	-92.71	7,633.17	1,994.00	2,314.56	2,139.16	175.40	13.196	
14,900.00	6,227.00	8,292.00	6,352.06	154.08	41.15	-92.70	7,717.67	1,991.29	2,318.08	2,140.22	177.85	13.034	
15,000.00	6,227.00	8,409.10	6,350.27	155.55	42.78	-92.65	7,834.71	1,987.71	2,321.40	2,139.67	181.73	12.774	
15,100.00	6,227.00	8,484.00	6,350.55	157.03	43.84	-92.65	7,909.57	1,985.51	2,324.77	2,140.96	183.81	12.648	
15,200.00	6,227.00	8,579.00	6,351.05	158.51	45.21	-92.66	8,004.49	1,981.77	2,329.07	2,142.28	186.79	12.469	
15,300.00	6,227.00	8,695.48	6,351.45	160.01	46.91	-92.67	8,120.87	1,977.05	2,333.56	2,142.81	190.75	12.234	
15,400.00	6,227.00	8,876.51	6,352.90	161.51	49.62	-92.70	8,301.87	1,974.51	2,335.27	2,137.72	197.55	11.821	
15,500.00	6,227.00	8,946.04	6,352.20	163.02	50.69	-92.68	8,371.39	1,974.03	2,336.20	2,136.71	199.49	11.711	
15,600.00	6,227.00	9,074.87	6,352.39	164.54	52.67	-92.68	8,500.21	1,973.18	2,337.27	2,133.25	204.03	11.456	
15,700.00	6,227.00	9,139.70	6,352.92	166.06	53.67	-92.69	8,565.04	1,972.60	2,338.44	2,132.65	205.78	11.364	
15,800.00	6,227.00	9,232.97	6,352.51	167.59	55.13	-92.68	8,658.29	1,971.09	2,340.38	2,131.59	208.79	11.209	
15,900.00	6,227.00	9,323.55	6,350.90	169.13	56.55	-92.64	8,748.83	1,969.35	2,342.57	2,130.89	211.68	11.066	
16,000.00	6,227.00	9,452.93	6,348.64	170.68	58.61	-92.58	8,878.18	1,967.28	2,344.46	2,128.14	216.32	10.838	
16,100.00	6,227.00	9,554.68	6,348.69	172.23	60.23	-92.58	8,979.93	1,966.51	2,345.57	2,125.82	219.75	10.674	
16,200.00	6,227.00	9,646.03	6,348.93	173.78	61.70	-92.59	9,071.27	1,965.73	2,346.79	2,124.08	222.71	10.537	
16,300.00	6,227.00	9,725.00	6,349.13	175.35	62.97	-92.59	9,150.23	1,964.74	2,348.47	2,123.35	225.12	10.432	
16,400.00	6,227.00	9,788.84	6,349.69	176.92	64.01	-92.60	9,214.05	1,963.18	2,351.40	2,124.58	226.82	10.367	
16,500.00	6,227.00	9,850.17	6,350.38	178.49	65.01	-92.62	9,275.31	1,960.48	2,356.16	2,127.79	228.37	10.317	
16,600.00	6,227.00	9,922.95	6,350.92	180.07	66.19	-92.62	9,347.96	1,956.22	2,362.35	2,131.91	230.44	10.252	
16,700.00	6,227.00	10,054.93	6,352.39	181.65	68.36	-92.65	9,479.77	1,949.60	2,367.57	2,132.16	235.41	10.057	
16,800.00	6,227.00	10,137.89	6,353.32	183.24	69.72	-92.67	9,562.60	1,945.06	2,373.40	2,135.40	238.00	9.972	
16,900.00	6,227.00	10,261.60	6,352.30	184.84	71.77	-92.64	9,686.13	1,938.48	2,379.06	2,136.49	242.57	9.808	
17,000.00	6,227.00	10,355.55	6,350.01	186.43	73.34	-92.58	9,779.95	1,934.13	2,383.94	2,138.25	245.69	9.703	
17,100.00	6,227.00	10,444.02	6,349.57	188.04	74.81	-92.56	9,868.29	1,929.43	2,389.56	2,141.01	248.55	9.614	
17,200.00	6,227.00	10,578.72	6,348.76	189.64	77.07	-92.53	10,002.82	1,922.77	2,394.91	2,141.25	253.66	9.441	
17,300.00	6,227.00	10,659.89	6,348.06	191.25	78.43	-92.51	10,083.92	1,919.31	2,399.50	2,143.30	256.19	9.366	
17,400.00	6,227.00	10,803.10	6,347.81	192.87	80.84	-92.50	10,227.01	1,913.91	2,403.58	2,141.88	261.69	9.185	
17,500.00	6,227.00	11,000.00	6,346.68	194.48	84.16	-92.47	10,423.83	1,910.88	2,406.04	2,136.55	269.49	8.928 SF	
17,518.33	6,227.00	11,000.00	6,346.68	194.78	84.16	-92.47	10,423.83	1,910.88	2,405.97	2,136.65	269.32	8.934	
17,600.00	6,227.00	11,000.00	6,346.68	196.11	84.16	-92.47	10,423.83	1,910.88	2,407.36	2,138.94	268.41	8.969	
17,677.76	6,227.00	11,000.00	6,346.68	197.37	84.16	-92.47	10,423.83	1,910.88	2,411.25	2,143.93	267.31	9.020	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-INC													Offset Well Error:	0.00 usft
Reference														
Offset				Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	30.00	30.00	0.00	0.34	37.78	3,575.48	2,771.33	4,523.75					
100.00	100.00	130.00	130.00	0.27	1.81	37.78	3,575.48	2,771.33	4,523.75	4,521.68	2.08	2,175.408		
200.00	199.98	229.98	229.98	0.62	4.05	-46.92	3,575.48	2,771.33	4,522.56	4,517.89	4.67	967.857		
300.00	299.84	329.84	329.84	0.99	6.12	-47.02	3,575.48	2,771.33	4,518.99	4,511.89	7.10	636.457		
400.00	399.45	429.45	429.45	1.36	8.15	-47.19	3,575.48	2,771.33	4,513.04	4,503.54	9.50	474.875		
500.00	498.70	528.70	528.70	1.75	10.16	-47.42	3,575.48	2,771.33	4,504.74	4,492.84	11.90	378.502		
600.00	597.47	627.47	627.47	2.18	12.15	-47.73	3,575.48	2,771.33	4,494.12	4,479.82	14.30	314.257		
700.00	695.62	725.62	725.62	2.63	14.14	-48.10	3,575.48	2,771.33	4,481.20	4,464.49	16.71	268.249		
800.00	793.06	823.06	823.06	3.12	16.10	-48.54	3,575.48	2,771.33	4,466.02	4,446.91	19.12	233.602		
900.00	889.64	919.64	919.64	3.66	18.05	-49.05	3,575.48	2,771.33	4,448.64	4,427.10	21.54	206.514		
1,000.00	985.27	1,015.27	1,015.27	4.25	19.97	-49.63	3,575.48	2,771.33	4,429.10	4,405.13	23.98	184.715		
1,100.00	1,079.82	1,109.82	1,109.82	4.89	21.88	-50.28	3,575.48	2,771.33	4,407.47	4,381.04	26.43	166.762		
1,200.00	1,173.17	1,203.17	1,203.17	5.58	23.76	-51.01	3,575.48	2,771.33	4,383.82	4,354.92	28.90	151.695		
1,300.00	1,265.21	1,295.21	1,295.21	6.34	25.61	-51.80	3,575.48	2,771.33	4,358.22	4,326.84	31.39	138.851		
1,400.00	1,355.84	1,385.84	1,385.84	7.16	27.44	-52.67	3,575.48	2,771.33	4,330.76	4,296.86	33.90	127.756		
1,500.00	1,444.94	1,474.94	1,474.94	8.05	29.23	-53.61	3,575.48	2,771.33	4,301.53	4,265.10	36.43	118.065		
1,600.00	1,532.39	1,562.39	1,562.39	9.02	30.99	-54.62	3,575.48	2,771.33	4,270.63	4,231.63	38.99	109.517		
1,700.00	1,618.11	1,648.11	1,648.11	10.05	32.71	-55.70	3,575.48	2,771.33	4,238.16	4,196.57	41.58	101.916		
1,800.00	1,701.97	1,731.97	1,731.97	11.16	34.40	-56.84	3,575.48	2,771.33	4,204.23	4,160.03	44.21	95.107		
1,900.00	1,783.88	1,813.88	1,813.88	12.35	36.05	-58.06	3,575.48	2,771.33	4,168.98	4,122.12	46.86	88.969		
2,000.00	1,863.74	1,893.74	1,893.74	13.61	37.66	-59.34	3,575.48	2,771.33	4,132.52	4,082.97	49.55	83.406		
2,100.00	1,941.45	1,971.45	1,971.45	14.95	39.22	-60.67	3,575.48	2,771.33	4,094.99	4,042.72	52.27	78.340		
2,112.50	1,951.01	1,981.01	1,981.01	15.12	39.41	-60.84	3,575.48	2,771.33	4,090.23	4,037.62	52.62	77.738		
2,200.00	2,017.79	2,047.79	2,047.79	16.35	40.75	-61.42	3,575.48	2,771.33	4,057.13	4,002.10	55.03	73.724		
2,300.00	2,094.11	2,124.11	2,124.11	17.76	42.29	-62.08	3,575.48	2,771.33	4,019.93	3,962.11	57.82	69.521		
2,400.00	2,170.44	2,200.44	2,200.44	19.17	43.83	-62.75	3,575.48	2,771.33	3,983.44	3,922.80	60.64	65.685		
2,500.00	2,246.76	2,276.76	2,276.76	20.60	45.36	-63.44	3,575.48	2,771.33	3,947.67	3,884.17	63.49	62.174		
2,600.00	2,323.08	2,353.08	2,353.08	22.03	46.90	-64.12	3,575.48	2,771.33	3,912.63	3,846.26	66.37	58.953		
2,700.00	2,399.41	2,429.41	2,429.41	23.47	48.43	-64.82	3,575.48	2,771.33	3,878.36	3,809.09	69.27	55.991		
2,800.00	2,475.73	2,505.73	2,505.73	24.91	49.97	-65.53	3,575.48	2,771.33	3,844.87	3,772.68	72.19	53.259		
2,900.00	2,552.05	2,582.05	2,582.05	26.36	51.50	-66.24	3,575.48	2,771.33	3,812.17	3,737.04	75.14	50.737		
3,000.00	2,628.38	2,658.38	2,658.38	27.80	53.04	-66.96	3,575.48	2,771.33	3,780.30	3,702.20	78.10	48.401		
3,100.00	2,704.70	2,734.70	2,734.70	29.25	54.57	-67.69	3,575.48	2,771.33	3,749.28	3,668.19	81.09	46.236		
3,200.00	2,781.02	2,811.02	2,811.02	30.71	56.11	-68.42	3,575.48	2,771.33	3,719.11	3,635.02	84.10	44.224		
3,300.00	2,857.35	2,887.35	2,887.35	32.16	57.64	-69.17	3,575.48	2,771.33	3,689.83	3,602.71	87.12	42.353		
3,400.00	2,933.67	2,963.67	2,963.67	33.62	59.18	-69.92	3,575.48	2,771.33	3,661.46	3,571.30	90.16	40.609		
3,500.00	3,009.99	3,039.99	3,039.99	35.07	60.71	-70.68	3,575.48	2,771.33	3,634.02	3,540.80	93.22	38.983		
3,600.00	3,086.31	3,116.31	3,116.31	36.53	62.25	-71.44	3,575.48	2,771.33	3,607.52	3,511.23	96.30	37.463		
3,700.00	3,162.64	3,192.64	3,192.64	37.99	63.78	-72.21	3,575.48	2,771.33	3,581.99	3,482.61	99.38	36.042		
3,800.00	3,238.96	3,268.96	3,268.96	39.45	65.32	-72.99	3,575.48	2,771.33	3,557.46	3,454.97	102.48	34.713		
3,900.00	3,315.28	3,345.28	3,345.28	40.91	66.85	-73.78	3,575.48	2,771.33	3,533.93	3,428.34	105.59	33.467		
4,000.00	3,391.61	3,421.61	3,421.61	42.37	68.39	-74.57	3,575.48	2,771.33	3,511.44	3,402.72	108.72	32.299		
4,100.00	3,467.93	3,497.93	3,497.93	43.84	69.92	-75.37	3,575.48	2,771.33	3,490.00	3,378.15	111.85	31.203		
4,200.00	3,544.25	3,574.25	3,574.25	45.30	71.46	-76.17	3,575.48	2,771.33	3,469.62	3,354.64	114.99	30.174		
4,300.00	3,620.58	3,650.58	3,650.58	46.76	72.99	-76.98	3,575.48	2,771.33	3,450.34	3,332.21	118.13	29.208		
4,400.00	3,696.90	3,726.90	3,726.90	48.23	74.53	-77.80	3,575.48	2,771.33	3,432.17	3,310.89	121.28	28.300		
4,500.00	3,773.22	3,803.22	3,803.22	49.69	76.06	-78.62	3,575.48	2,771.33	3,415.12	3,290.69	124.43	27.446		
4,600.00	3,849.55	3,879.55	3,879.55	51.16	77.60	-79.44	3,575.48	2,771.33	3,399.22	3,271.64	127.58	26.644		
4,700.00	3,925.87	3,955.87	3,955.87	52.62	79.13	-80.27	3,575.48	2,771.33	3,384.47	3,253.74	130.73	25.889		
4,800.00	4,002.19	4,032.19	4,032.19	54.09	80.67	-81.10	3,575.48	2,771.33	3,370.90	3,237.02	133.88	25.179		
4,900.00	4,078.51	4,108.51	4,108.51	55.56	82.20	-81.94	3,575.48	2,771.33	3,358.52	3,221.50	137.02	24.511		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-INC													Offset Well Error:	0.00 usft
Reference														
Offset				Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,154.84	4,184.84	4,184.84	57.02	83.74	-82.78	3,575.48	2,771.33	3,347.33	3,207.18	140.16	23.883		
5,100.00	4,231.16	4,261.16	4,261.16	58.49	85.27	-83.63	3,575.48	2,771.33	3,337.37	3,194.08	143.28	23.292		
5,200.00	4,307.48	4,337.48	4,337.48	59.96	86.81	-84.47	3,575.48	2,771.33	3,328.62	3,182.22	146.40	22.736		
5,300.00	4,383.81	4,413.81	4,413.81	61.43	88.34	-85.32	3,575.48	2,771.33	3,321.11	3,171.61	149.51	22.214		
5,400.00	4,460.13	4,490.13	4,490.13	62.89	89.88	-86.17	3,575.48	2,771.33	3,314.85	3,162.25	152.60	21.723		
5,500.00	4,536.45	4,566.45	4,566.45	64.36	91.41	-87.02	3,575.48	2,771.33	3,309.83	3,154.16	155.67	21.262		
5,600.00	4,612.78	4,642.78	4,642.78	65.83	92.95	-87.88	3,575.48	2,771.33	3,306.07	3,147.34	158.73	20.828		
5,700.00	4,689.10	4,719.10	4,719.10	67.30	94.48	-88.73	3,575.48	2,771.33	3,303.57	3,141.80	161.77	20.422		
5,800.00	4,765.42	4,795.42	4,795.42	68.77	96.02	-89.59	3,575.48	2,771.33	3,302.33	3,137.54	164.78	20.040		
5,848.04	4,802.09	4,832.09	4,832.09	69.47	96.75	-90.00	3,575.48	2,771.33	3,302.18	3,135.96	166.23	19.866		
5,900.00	4,841.75	4,871.75	4,871.75	70.24	97.55	-90.44	3,575.48	2,771.33	3,302.35	3,134.57	167.78	19.683		
6,000.00	4,918.07	4,948.07	4,948.07	71.70	99.09	-91.30	3,575.48	2,771.33	3,303.64	3,132.89	170.75	19.348		
6,100.00	4,994.39	5,024.39	5,024.39	73.17	100.62	-92.15	3,575.48	2,771.33	3,306.19	3,132.50	173.69	19.035		
6,200.00	5,070.72	5,100.72	5,100.72	74.64	102.16	-93.01	3,575.48	2,771.33	3,310.00	3,133.39	176.61	18.742		
6,300.00	5,147.04	5,177.04	5,177.04	76.11	103.69	-93.86	3,575.48	2,771.33	3,315.07	3,135.57	179.50	18.469		
6,400.00	5,223.36	5,253.36	5,253.36	77.58	105.23	-94.71	3,575.48	2,771.33	3,321.38	3,139.03	182.36	18.214		
6,500.00	5,299.68	5,329.68	5,329.68	79.05	106.76	-95.56	3,575.48	2,771.33	3,328.94	3,143.76	185.19	17.976		
6,600.00	5,376.01	5,406.01	5,406.01	80.52	108.30	-96.41	3,575.48	2,771.33	3,337.73	3,149.75	187.98	17.755		
6,700.00	5,452.33	5,482.33	5,482.33	81.99	109.83	-97.25	3,575.48	2,771.33	3,347.75	3,157.00	190.75	17.550		
6,800.00	5,528.65	5,558.65	5,558.65	83.46	111.37	-98.09	3,575.48	2,771.33	3,358.98	3,165.50	193.48	17.361		
6,900.00	5,604.98	5,634.98	5,634.98	84.93	112.90	-98.93	3,575.48	2,771.33	3,371.41	3,175.23	196.18	17.185		
7,000.00	5,681.30	5,711.30	5,711.30	86.40	114.44	-99.76	3,575.48	2,771.33	3,385.03	3,186.18	198.85	17.023		
7,100.00	5,757.62	5,787.62	5,787.62	87.87	115.97	-100.59	3,575.48	2,771.33	3,399.82	3,198.34	201.48	16.874		
7,176.71	5,816.17	5,846.17	5,846.17	89.00	117.15	-101.22	3,575.48	2,771.33	3,411.95	3,208.47	203.48	16.768		
7,200.00	5,833.92	5,863.92	5,863.92	89.34	117.51	-98.60	3,575.48	2,771.33	3,415.32	3,211.24	204.08	16.735		
7,250.00	5,871.73	5,901.73	5,901.73	90.07	118.27	-93.20	3,575.48	2,771.33	3,419.71	3,214.34	205.37	16.652		
7,300.00	5,908.91	5,938.91	5,938.91	90.78	119.01	-88.24	3,575.48	2,771.33	3,420.22	3,213.58	206.64	16.552		
7,350.00	5,945.18	5,975.18	5,975.18	91.48	119.74	-83.82	3,575.48	2,771.33	3,416.89	3,209.01	207.88	16.437		
7,400.00	5,980.26	6,010.26	6,010.26	92.14	120.45	-79.99	3,575.48	2,771.33	3,409.75	3,200.68	209.07	16.309		
7,450.00	6,013.88	6,043.88	6,043.88	92.77	121.12	-76.80	3,575.48	2,771.33	3,398.88	3,188.67	210.21	16.169		
7,500.00	6,045.79	6,075.79	6,075.79	93.36	121.77	-74.23	3,575.48	2,771.33	3,384.38	3,173.09	211.29	16.018		
7,550.00	6,075.75	6,105.75	6,105.75	93.90	122.37	-72.28	3,575.48	2,771.33	3,366.35	3,154.06	212.29	15.857		
7,600.00	6,103.52	6,133.52	6,133.52	94.40	122.93	-70.94	3,575.48	2,771.33	3,344.94	3,131.73	213.21	15.688		
7,650.00	6,128.89	6,158.89	6,158.89	94.85	123.44	-70.21	3,575.48	2,771.33	3,320.31	3,106.26	214.05	15.512		
7,700.00	6,151.68	6,181.68	6,181.68	95.25	123.90	-70.09	3,575.48	2,771.33	3,292.62	3,077.83	214.79	15.330		
7,750.00	6,171.71	6,201.71	6,201.71	95.60	124.30	-70.60	3,575.48	2,771.33	3,262.07	3,046.64	215.43	15.142		
7,800.00	6,188.82	6,218.82	6,218.82	95.91	124.64	-71.79	3,575.48	2,771.33	3,228.87	3,012.90	215.97	14.951		
7,850.00	6,202.89	6,232.89	6,232.89	96.16	124.93	-73.71	3,575.48	2,771.33	3,193.23	2,976.83	216.41	14.756		
7,900.00	6,213.81	6,243.81	6,243.81	96.38	125.14	-76.47	3,575.48	2,771.33	3,155.41	2,938.66	216.74	14.558		
7,950.00	6,221.49	6,251.49	6,251.49	96.55	125.30	-80.20	3,575.48	2,771.33	3,115.63	2,898.65	216.98	14.359		
8,000.00	6,225.88	6,255.88	6,255.88	96.69	125.39	-85.05	3,575.48	2,771.33	3,074.16	2,857.03	217.12	14.159		
8,040.96	6,227.00	6,257.00	6,257.00	96.77	125.41	-90.00	3,575.48	2,771.33	3,039.11	2,821.94	217.17	13.994		
8,100.00	6,227.00	6,257.00	6,257.00	96.88	125.41	-90.00	3,575.48	2,771.33	2,988.12	2,770.94	217.19	13.758		
8,200.00	6,227.00	6,257.00	6,257.00	97.07	125.41	-90.00	3,575.48	2,771.33	2,902.46	2,685.25	217.21	13.363		
8,300.00	6,227.00	6,257.00	6,257.00	97.28	125.41	-90.00	3,575.48	2,771.33	2,817.74	2,600.53	217.21	12.972		
8,400.00	6,227.00	6,257.00	6,257.00	97.49	125.41	-90.00	3,575.48	2,771.33	2,734.06	2,516.86	217.19	12.588		
8,500.00	6,227.00	6,257.00	6,257.00	97.72	125.41	-90.00	3,575.48	2,771.33	2,651.50	2,434.35	217.15	12.210		
8,600.00	6,227.00	6,257.00	6,257.00	97.97	125.41	-90.00	3,575.48	2,771.33	2,570.18	2,353.10	217.08	11.840		
8,700.00	6,227.00	6,257.00	6,257.00	98.23	125.41	-90.00	3,575.48	2,771.33	2,490.23	2,273.25	216.98	11.477		
8,800.00	6,227.00	6,257.00	6,257.00	98.50	125.41	-90.00	3,575.48	2,771.33	2,411.77	2,194.94	216.83	11.123		
8,900.00	6,227.00	6,257.00	6,257.00	98.79	125.41	-90.00	3,575.48	2,771.33	2,334.96	2,118.32	216.64	10.778		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - ABND VERT 70 RANCH USX BB 25-07P - OWB - 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		
9,000.00	6,227.00	6,257.00	6,257.00	99.09	125.41	-90.00	3,575.48	2,771.33	2,259.96	2,043.57	216.39	10.444		
9,100.00	6,227.00	6,257.00	6,257.00	99.41	125.41	-90.00	3,575.48	2,771.33	2,186.96	1,970.89	216.07	10.122		
9,200.00	6,227.00	6,257.00	6,257.00	99.75	125.41	-90.00	3,575.48	2,771.33	2,116.18	1,900.50	215.68	9.812		
9,300.00	6,227.00	6,257.00	6,257.00	100.10	125.41	-90.00	3,575.48	2,771.33	2,047.83	1,832.63	215.20	9.516		
9,400.00	6,227.00	6,257.00	6,257.00	100.47	125.41	-90.00	3,575.48	2,771.33	1,982.17	1,767.55	214.62	9.236		
9,500.00	6,227.00	6,257.00	6,257.00	100.86	125.41	-90.00	3,575.48	2,771.33	1,919.47	1,705.55	213.92	8.973		
9,600.00	6,227.00	6,257.00	6,257.00	101.26	125.41	-90.00	3,575.48	2,771.33	1,860.05	1,646.95	213.10	8.729		
9,700.00	6,227.00	6,257.00	6,257.00	101.68	125.41	-90.00	3,575.48	2,771.33	1,804.21	1,592.08	212.13	8.505		
9,800.00	6,227.00	6,257.00	6,257.00	102.13	125.41	-90.00	3,575.48	2,771.33	1,752.30	1,541.29	211.01	8.304		
9,900.00	6,227.00	6,257.00	6,257.00	102.59	125.41	-90.00	3,575.48	2,771.33	1,704.69	1,494.96	209.72	8.128		
10,000.00	6,227.00	6,257.00	6,257.00	103.07	125.41	-90.00	3,575.48	2,771.33	1,661.73	1,453.47	208.27	7.979		
10,100.00	6,227.00	6,257.00	6,257.00	103.58	125.41	-90.00	3,575.48	2,771.33	1,623.80	1,417.17	206.63	7.858		
10,200.00	6,227.00	6,257.00	6,257.00	104.10	125.41	-90.00	3,575.48	2,771.33	1,591.27	1,386.43	204.84	7.769		
10,300.00	6,227.00	6,257.00	6,257.00	104.65	125.41	-90.00	3,575.48	2,771.33	1,564.46	1,361.57	202.89	7.711		
10,400.00	6,227.00	6,257.00	6,257.00	105.22	125.41	-90.00	3,575.48	2,771.33	1,543.67	1,342.85	200.82	7.687 SF		
10,500.00	6,227.00	6,257.00	6,257.00	105.82	125.41	-90.00	3,575.48	2,771.33	1,529.15	1,330.48	198.67	7.697		
10,600.00	6,227.00	6,257.00	6,257.00	106.43	125.41	-90.00	3,575.48	2,771.33	1,521.09	1,324.59	196.50	7.741		
10,673.04	6,227.00	6,257.00	6,257.00	106.90	125.41	-90.00	3,575.48	2,771.33	1,519.33	1,324.41	194.92	7.795 CC, ES		
10,700.00	6,227.00	6,257.00	6,257.00	107.07	125.41	-90.00	3,575.48	2,771.33	1,519.57	1,325.23	194.34	7.819		
10,800.00	6,227.00	6,257.00	6,257.00	107.74	125.41	-90.00	3,575.48	2,771.33	1,524.63	1,332.35	192.28	7.929		
10,900.00	6,227.00	6,257.00	6,257.00	108.42	125.41	-90.00	3,575.48	2,771.33	1,536.19	1,345.83	190.36	8.070		
11,000.00	6,227.00	6,257.00	6,257.00	109.14	125.41	-90.00	3,575.48	2,771.33	1,554.12	1,365.47	188.65	8.238		
11,100.00	6,227.00	6,257.00	6,257.00	109.87	125.41	-90.00	3,575.48	2,771.33	1,578.18	1,391.00	187.18	8.431		
11,200.00	6,227.00	6,257.00	6,257.00	110.64	125.41	-90.00	3,575.48	2,771.33	1,608.12	1,422.14	185.98	8.647		
11,300.00	6,227.00	6,257.00	6,257.00	111.43	125.41	-90.00	3,575.48	2,771.33	1,643.61	1,458.54	185.07	8.881		
11,400.00	6,227.00	6,257.00	6,257.00	112.24	125.41	-90.00	3,575.48	2,771.33	1,684.29	1,499.86	184.43	9.132		
11,500.00	6,227.00	6,257.00	6,257.00	113.08	125.41	-90.00	3,575.48	2,771.33	1,729.81	1,545.75	184.06	9.398		
11,600.00	6,227.00	6,257.00	6,257.00	113.94	125.41	-90.00	3,575.48	2,771.33	1,779.78	1,595.87	183.92	9.677		
11,700.00	6,227.00	6,257.00	6,257.00	114.83	125.41	-90.00	3,575.48	2,771.33	1,833.85	1,649.88	183.98	9.968		
11,800.00	6,227.00	6,257.00	6,257.00	115.74	125.41	-90.00	3,575.48	2,771.33	1,891.67	1,707.46	184.21	10.269		
11,900.00	6,227.00	6,257.00	6,257.00	116.68	125.41	-90.00	3,575.48	2,771.33	1,952.90	1,768.33	184.57	10.581		
12,000.00	6,227.00	6,257.00	6,257.00	117.64	125.41	-90.00	3,575.48	2,771.33	2,017.23	1,832.19	185.03	10.902		
12,100.00	6,227.00	6,257.00	6,257.00	118.63	125.41	-90.00	3,575.48	2,771.33	2,084.37	1,898.79	185.58	11.232		
12,200.00	6,227.00	6,257.00	6,257.00	119.64	125.41	-90.00	3,575.48	2,771.33	2,154.06	1,967.89	186.17	11.570		
12,300.00	6,227.00	6,257.00	6,257.00	120.68	125.41	-90.00	3,575.48	2,771.33	2,226.07	2,039.26	186.80	11.917		
12,400.00	6,227.00	6,257.00	6,257.00	121.74	125.41	-90.00	3,575.48	2,771.33	2,300.17	2,112.71	187.46	12.271		
12,500.00	6,227.00	6,257.00	6,257.00	122.82	125.41	-90.00	3,575.48	2,771.33	2,376.17	2,188.05	188.11	12.631		
12,600.00	6,227.00	6,257.00	6,257.00	123.92	125.41	-90.00	3,575.48	2,771.33	2,453.89	2,265.11	188.77	12.999		
12,700.00	6,227.00	6,257.00	6,257.00	125.04	125.41	-90.00	3,575.48	2,771.33	2,533.17	2,343.75	189.42	13.373		
12,800.00	6,227.00	6,257.00	6,257.00	126.19	125.41	-90.00	3,575.48	2,771.33	2,613.88	2,423.81	190.06	13.753		
12,900.00	6,227.00	6,257.00	6,257.00	127.35	125.41	-90.00	3,575.48	2,771.33	2,695.87	2,505.19	190.68	14.138		
13,000.00	6,227.00	6,257.00	6,257.00	128.54	125.41	-90.00	3,575.48	2,771.33	2,779.05	2,587.77	191.29	14.528		
13,100.00	6,227.00	6,257.00	6,257.00	129.74	125.41	-90.00	3,575.48	2,771.33	2,863.31	2,671.44	191.87	14.923		
13,200.00	6,227.00	6,257.00	6,257.00	130.97	125.41	-90.00	3,575.48	2,771.33	2,948.54	2,756.11	192.43	15.323		
13,300.00	6,227.00	6,257.00	6,257.00	132.21	125.41	-90.00	3,575.48	2,771.33	3,034.68	2,841.71	192.97	15.726		
13,400.00	6,227.00	6,257.00	6,257.00	133.47	125.41	-90.00	3,575.48	2,771.33	3,121.65	2,928.16	193.49	16.133		
13,500.00	6,227.00	6,257.00	6,257.00	134.74	125.41	-90.00	3,575.48	2,771.33	3,209.38	3,015.39	193.99	16.544		
13,600.00	6,227.00	6,257.00	6,257.00	136.03	125.41	-90.00	3,575.48	2,771.33	3,297.80	3,103.34	194.46	16.958		
13,700.00	6,227.00	6,257.00	6,257.00	137.34	125.41	-90.00	3,575.48	2,771.33	3,386.87	3,191.95	194.92	17.376		
13,800.00	6,227.00	6,257.00	6,257.00	138.67	125.41	-90.00	3,575.48	2,771.33	3,476.53	3,281.17	195.36	17.796		
13,900.00	6,227.00	6,257.00	6,257.00	140.00	125.41	-90.00	3,575.48	2,771.33	3,566.74	3,370.97	195.78	18.218		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-INC													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,000.00	6,227.00	6,257.00	6,257.00	141.36	125.41	-90.00	3,575.48	2,771.33	3,657.47	3,461.29	196.18	18.643		
14,100.00	6,227.00	6,257.00	6,257.00	142.72	125.41	-90.00	3,575.48	2,771.33	3,748.66	3,552.09	196.57	19.071		
14,200.00	6,227.00	6,257.00	6,257.00	144.10	125.41	-90.00	3,575.48	2,771.33	3,840.29	3,643.36	196.94	19.500		
14,300.00	6,227.00	6,257.00	6,257.00	145.49	125.41	-90.00	3,575.48	2,771.33	3,932.33	3,735.04	197.29	19.932		
14,400.00	6,227.00	6,257.00	6,257.00	146.90	125.41	-90.00	3,575.48	2,771.33	4,024.75	3,827.12	197.63	20.365		
14,500.00	6,227.00	6,257.00	6,257.00	148.31	125.41	-90.00	3,575.48	2,771.33	4,117.53	3,919.57	197.96	20.800		
14,600.00	6,227.00	6,257.00	6,257.00	149.74	125.41	-90.00	3,575.48	2,771.33	4,210.63	4,012.36	198.27	21.237		
14,700.00	6,227.00	6,257.00	6,257.00	151.18	125.41	-90.00	3,575.48	2,771.33	4,304.05	4,105.48	198.57	21.675		
14,800.00	6,227.00	6,257.00	6,257.00	152.62	125.41	-90.00	3,575.48	2,771.33	4,397.75	4,198.89	198.86	22.115		
14,900.00	6,227.00	6,257.00	6,257.00	154.08	125.41	-90.00	3,575.48	2,771.33	4,491.72	4,292.59	199.14	22.556		
15,000.00	6,227.00	6,257.00	6,257.00	155.55	125.41	-90.00	3,575.48	2,771.33	4,585.96	4,386.55	199.41	22.998		
15,100.00	6,227.00	6,257.00	6,257.00	157.03	125.41	-90.00	3,575.48	2,771.33	4,680.42	4,480.76	199.67	23.441		
15,200.00	6,227.00	6,257.00	6,257.00	158.51	125.41	-90.00	3,575.48	2,771.33	4,775.12	4,575.20	199.92	23.886		
15,300.00	6,227.00	6,257.00	6,257.00	160.01	125.41	-90.00	3,575.48	2,771.33	4,870.03	4,669.87	200.16	24.331		
15,400.00	6,227.00	6,257.00	6,257.00	161.51	125.41	-90.00	3,575.48	2,771.33	4,965.13	4,764.74	200.39	24.777		
15,500.00	6,227.00	6,257.00	6,257.00	163.02	125.41	-90.00	3,575.48	2,771.33	5,060.43	4,859.82	200.61	25.225		
15,600.00	6,227.00	6,257.00	6,257.00	164.54	125.41	-90.00	3,575.48	2,771.33	5,155.90	4,955.07	200.83	25.673		
15,700.00	6,227.00	6,257.00	6,257.00	166.06	125.41	-90.00	3,575.48	2,771.33	5,251.55	5,050.50	201.04	26.122		
15,800.00	6,227.00	6,257.00	6,257.00	167.59	125.41	-90.00	3,575.48	2,771.33	5,347.35	5,146.10	201.25	26.571		
15,900.00	6,227.00	6,257.00	6,257.00	169.13	125.41	-90.00	3,575.48	2,771.33	5,443.30	5,241.86	201.44	27.022		
16,000.00	6,227.00	6,257.00	6,257.00	170.68	125.41	-90.00	3,575.48	2,771.33	5,539.40	5,337.76	201.63	27.472		
16,100.00	6,227.00	6,257.00	6,257.00	172.23	125.41	-90.00	3,575.48	2,771.33	5,635.63	5,433.81	201.82	27.924		
16,200.00	6,227.00	6,257.00	6,257.00	173.78	125.41	-90.00	3,575.48	2,771.33	5,731.99	5,529.99	202.00	28.376		
16,300.00	6,227.00	6,257.00	6,257.00	175.35	125.41	-90.00	3,575.48	2,771.33	5,828.47	5,626.30	202.18	28.829		
16,400.00	6,227.00	6,257.00	6,257.00	176.92	125.41	-90.00	3,575.48	2,771.33	5,925.07	5,722.73	202.35	29.282		
16,500.00	6,227.00	6,257.00	6,257.00	178.49	125.41	-90.00	3,575.48	2,771.33	6,021.78	5,819.27	202.51	29.735		
16,600.00	6,227.00	6,257.00	6,257.00	180.07	125.41	-90.00	3,575.48	2,771.33	6,118.60	5,915.93	202.67	30.189		
16,700.00	6,227.00	6,257.00	6,257.00	181.65	125.41	-90.00	3,575.48	2,771.33	6,215.52	6,012.69	202.83	30.644		
16,800.00	6,227.00	6,257.00	6,257.00	183.24	125.41	-90.00	3,575.48	2,771.33	6,312.53	6,109.55	202.98	31.099		
16,900.00	6,227.00	6,257.00	6,257.00	184.84	125.41	-90.00	3,575.48	2,771.33	6,409.64	6,206.50	203.13	31.554		
17,000.00	6,227.00	6,257.00	6,257.00	186.43	125.41	-90.00	3,575.48	2,771.33	6,506.83	6,303.55	203.28	32.009		
17,100.00	6,227.00	6,257.00	6,257.00	188.04	125.41	-90.00	3,575.48	2,771.33	6,604.11	6,400.69	203.42	32.465		
17,200.00	6,227.00	6,257.00	6,257.00	189.64	125.41	-90.00	3,575.48	2,771.33	6,701.46	6,497.90	203.56	32.921		
17,300.00	6,227.00	6,257.00	6,257.00	191.25	125.41	-90.00	3,575.48	2,771.33	6,798.90	6,595.20	203.70	33.378		
17,400.00	6,227.00	6,257.00	6,257.00	192.87	125.41	-90.00	3,575.48	2,771.33	6,896.41	6,692.58	203.83	33.834		
17,500.00	6,227.00	6,257.00	6,257.00	194.48	125.41	-90.00	3,575.48	2,771.33	6,993.98	6,790.02	203.96	34.291		
17,600.00	6,227.00	6,257.00	6,257.00	196.11	125.41	-90.00	3,575.48	2,771.33	7,091.63	6,887.54	204.09	34.748		
17,677.76	6,227.00	6,257.00	6,257.00	197.37	125.41	-90.00	3,575.48	2,771.33	7,167.60	6,963.41	204.18	35.104		

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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
SEC 36-T5N-R63W - EXIST HZ SI 70 RANCH USX BB 25-99HZ - OWB - FINAL SURVEY												Offset Well Error:	0.00 usft
Survey Program: 823-MWD OWSG													
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
0.00	0.00	9.29	9.29	0.00	0.02	10.23	4,772.46	860.95	4,849.50				
100.00	100.00	112.50	112.50	0.27	0.20	10.23	4,772.44	860.87	4,849.46	4,848.99	0.47	N/A	
200.00	199.98	215.69	215.69	0.62	0.38	-74.47	4,772.37	860.64	4,848.89	4,847.89	1.00	4,837.875	
300.00	299.84	318.74	318.73	0.99	0.56	-74.57	4,772.25	860.28	4,847.32	4,845.77	1.54	3,138.826	
400.00	399.45	421.49	421.49	1.36	0.74	-74.72	4,772.10	859.78	4,844.76	4,842.66	2.10	2,306.134	
500.00	498.70	523.82	523.81	1.75	0.92	-74.94	4,771.89	859.15	4,841.25	4,838.57	2.68	1,809.074	
600.00	597.47	625.57	625.57	2.18	1.10	-75.22	4,771.65	858.38	4,836.81	4,833.53	3.28	1,476.614	
700.00	695.62	726.62	726.61	2.63	1.28	-75.55	4,771.37	857.48	4,831.48	4,827.57	3.90	1,237.266	
800.00	793.06	826.83	826.81	3.12	1.46	-75.94	4,771.04	856.46	4,825.30	4,820.74	4.57	1,055.948	
900.00	889.64	918.96	918.94	3.66	1.79	-76.36	4,770.79	855.38	4,818.43	4,813.00	5.44	886.082	
1,000.00	985.27	1,033.84	1,033.80	4.25	2.21	-76.92	4,770.29	853.57	4,810.68	4,804.25	6.43	748.313	
1,100.00	1,079.82	1,125.95	1,125.89	4.89	2.54	-77.46	4,769.83	851.68	4,802.24	4,794.85	7.39	649.765	
1,200.00	1,173.17	1,219.46	1,219.37	5.58	2.88	-78.05	4,769.40	849.50	4,793.30	4,784.89	8.42	569.600	
1,300.00	1,265.21	1,309.49	1,309.37	6.34	3.20	-78.67	4,768.99	847.25	4,783.94	4,774.45	9.49	504.165	
1,400.00	1,355.84	1,390.37	1,390.23	7.16	3.49	-79.29	4,768.72	845.33	4,774.38	4,763.78	10.60	450.623	
1,500.00	1,444.84	1,481.06	1,480.89	8.05	3.82	-79.99	4,768.43	843.31	4,764.63	4,752.82	11.81	403.608	
1,600.00	1,532.39	1,556.44	1,556.26	9.02	4.09	-80.64	4,768.27	841.61	4,754.84	4,741.81	13.03	364.844	
1,700.00	1,618.11	1,641.10	1,640.89	10.05	4.40	-81.37	4,768.20	839.75	4,745.16	4,730.79	14.37	330.268	
1,800.00	1,701.97	1,718.34	1,718.13	11.16	4.67	-82.08	4,768.13	838.31	4,735.58	4,719.82	15.75	300.613	
1,900.00	1,783.88	1,786.60	1,786.37	12.35	4.92	-82.75	4,768.19	837.14	4,726.35	4,709.16	17.18	275.035	
2,000.00	1,863.74	1,849.00	1,848.77	13.61	5.14	-83.38	4,768.44	836.32	4,717.69	4,699.02	18.67	252.628	
2,100.00	1,941.45	1,927.04	1,926.80	14.95	5.42	-84.15	4,768.87	835.27	4,709.58	4,689.28	20.30	231.998	
2,112.50	1,951.01	1,936.60	1,936.36	15.12	5.45	-84.24	4,768.93	835.12	4,708.60	4,688.09	20.51	229.600	
2,200.00	2,017.79	2,010.87	2,010.62	16.35	5.72	-84.84	4,769.28	833.89	4,702.07	4,680.06	22.00	213.702	
2,300.00	2,094.11	2,145.19	2,144.92	17.76	6.20	-85.92	4,769.09	831.68	4,695.04	4,671.14	23.90	196.445	
2,400.00	2,170.44	2,224.04	2,223.75	19.17	6.48	-86.55	4,768.40	830.44	4,688.33	4,662.71	25.61	183.056	
2,500.00	2,246.76	2,288.01	2,287.71	20.60	6.71	-87.06	4,767.85	829.50	4,682.54	4,655.26	27.28	171.655	
2,600.00	2,323.08	2,354.73	2,354.43	22.03	6.95	-87.60	4,767.46	828.66	4,677.87	4,648.91	28.96	161.522	
2,700.00	2,399.41	2,428.86	2,428.55	23.47	7.22	-88.19	4,767.10	827.89	4,674.18	4,643.50	30.67	152.386	
2,800.00	2,475.73	2,511.59	2,511.27	24.91	7.52	-88.86	4,766.64	827.00	4,671.34	4,638.93	32.42	144.101	
2,900.00	2,552.05	2,583.19	2,582.87	26.36	7.77	-89.43	4,766.21	826.18	4,669.40	4,635.28	34.12	136.841	
3,000.00	2,628.38	2,650.02	2,649.70	27.80	8.01	-89.97	4,765.89	825.48	4,668.47	4,632.66	35.81	130.365	
3,100.00	2,704.70	9,907.89	6,381.24	29.25	92.67	-111.79	1,842.17	3,473.41	4,591.94	4,520.73	71.20	64.491	
3,200.00	2,781.02	9,921.00	6,381.17	30.71	92.97	-111.75	1,832.02	3,481.70	4,498.53	4,426.46	72.06	62.424	
3,300.00	2,857.35	9,921.00	6,381.17	32.16	92.97	-111.75	1,832.02	3,481.70	4,405.34	4,332.50	72.84	60.480	
3,400.00	2,933.67	9,953.00	6,380.89	33.62	93.70	-111.62	1,807.68	3,502.47	4,312.34	4,238.42	73.92	58.339	
3,500.00	3,009.99	9,953.00	6,380.89	35.07	93.70	-111.62	1,807.68	3,502.47	4,219.51	4,144.75	74.75	56.447	
3,600.00	3,086.31	9,985.00	6,380.39	36.53	94.44	-111.46	1,783.85	3,523.82	4,126.85	4,050.96	75.89	54.383	
3,700.00	3,162.64	9,998.17	6,380.11	37.99	94.75	-111.38	1,774.18	3,532.75	4,034.35	3,957.46	76.89	52.469	
3,800.00	3,238.96	10,017.00	6,379.63	39.45	95.19	-111.27	1,760.54	3,545.73	3,942.09	3,864.11	77.97	50.556	
3,900.00	3,315.28	10,017.00	6,379.63	40.91	95.19	-111.27	1,760.54	3,545.73	3,850.09	3,771.15	78.94	48.774	
4,000.00	3,391.61	10,035.91	6,379.14	42.37	95.64	-111.13	1,747.08	3,559.00	3,758.33	3,678.24	80.09	46.924	
4,100.00	3,467.93	10,049.00	6,378.81	43.84	95.95	-111.03	1,737.92	3,568.34	3,666.92	3,585.68	81.24	45.136	
4,200.00	3,544.25	10,049.00	6,378.81	45.30	95.95	-111.03	1,737.92	3,568.34	3,575.88	3,493.55	82.33	43.435	
4,300.00	3,620.58	10,065.80	6,378.46	46.76	96.35	-110.90	1,726.34	3,580.51	3,485.16	3,401.57	83.59	41.694	
4,400.00	3,696.90	10,081.00	6,378.26	48.23	96.71	-110.77	1,716.03	3,591.68	3,394.89	3,310.01	84.88	39.995	
4,500.00	3,773.22	10,081.00	6,378.26	49.69	96.71	-110.77	1,716.03	3,591.68	3,305.04	3,218.93	86.11	38.382	
4,600.00	3,849.55	10,100.31	6,378.16	51.16	97.17	-110.59	1,703.11	3,606.03	3,215.60	3,128.07	87.53	36.737	
4,700.00	3,925.87	10,113.00	6,378.19	52.62	97.47	-110.48	1,694.70	3,615.53	3,126.62	3,037.66	88.95	35.149	
4,800.00	4,002.19	10,145.00	6,378.43	54.09	98.24	-110.17	1,673.69	3,639.67	3,038.06	2,947.49	90.56	33.546	
4,900.00	4,078.51	10,173.45	6,378.71	55.56	98.93	-109.89	1,655.15	3,661.24	2,949.77	2,857.58	92.20	31.994	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ SI 70 RANCH USX BB 25-99HZ - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 823-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	
5,000.00	4,154.84	10,230.97	6,379.20	57.02	100.31	-109.28	1,617.60	3,704.82	2,861.49	2,767.44	94.05	30.426	
5,100.00	4,231.16	10,303.68	6,379.22	58.49	102.06	-108.43	1,570.14	3,759.90	2,772.99	2,676.99	96.00	28.885	
5,200.00	4,307.48	10,324.51	6,379.15	59.96	102.57	-108.16	1,556.59	3,775.72	2,684.49	2,586.75	97.74	27.466	
5,300.00	4,383.81	10,348.08	6,379.22	61.43	103.14	-107.86	1,541.36	3,793.71	2,596.45	2,496.89	99.56	26.079	
5,400.00	4,460.13	10,395.97	6,379.62	62.89	104.29	-107.20	1,510.57	3,830.38	2,508.78	2,407.23	101.54	24.706	
5,500.00	4,536.45	10,473.25	6,379.48	64.36	106.16	-106.04	1,460.55	3,889.29	2,420.64	2,316.98	103.66	23.353	
5,600.00	4,612.78	10,495.00	6,379.44	65.83	106.69	-105.68	1,446.44	3,905.85	2,332.60	2,226.92	105.68	22.072	
5,700.00	4,689.10	10,526.00	6,379.59	67.30	107.44	-105.16	1,426.49	3,929.57	2,245.05	2,137.23	107.82	20.822	
5,800.00	4,765.42	10,611.52	6,379.54	68.77	109.51	-103.61	1,370.72	3,994.40	2,156.89	2,046.86	110.03	19.603	
5,900.00	4,841.75	10,632.78	6,379.57	70.24	110.03	-103.20	1,356.82	4,010.49	2,069.11	1,956.78	112.33	18.419	
6,000.00	4,918.07	10,646.00	6,379.67	71.70	110.35	-102.93	1,348.29	4,020.59	1,982.09	1,867.30	114.79	17.267	
6,100.00	4,994.39	10,646.00	6,379.67	73.17	110.35	-102.93	1,348.29	4,020.59	1,896.22	1,778.80	117.42	16.149	
6,200.00	5,070.72	10,646.00	6,379.67	74.64	110.35	-102.93	1,348.29	4,020.59	1,811.81	1,691.59	120.22	15.071	
6,300.00	5,147.04	10,646.00	6,379.67	76.11	110.35	-102.93	1,348.29	4,020.59	1,729.06	1,605.88	123.18	14.037	
6,400.00	5,223.36	10,646.00	6,379.67	77.58	110.35	-102.93	1,348.29	4,020.59	1,648.22	1,521.92	126.30	13.050	
6,500.00	5,299.68	10,646.00	6,379.67	79.05	110.35	-102.93	1,348.29	4,020.59	1,569.59	1,440.02	129.57	12.114	
6,600.00	5,376.01	10,646.00	6,379.67	80.52	110.35	-102.93	1,348.29	4,020.59	1,493.53	1,360.54	132.98	11.231	
6,700.00	5,452.33	10,646.00	6,379.67	81.99	110.35	-102.93	1,348.29	4,020.59	1,420.43	1,283.94	136.49	10.407	
6,800.00	5,528.65	10,646.00	6,379.67	83.46	110.35	-102.93	1,348.29	4,020.59	1,350.78	1,210.74	140.04	9.646	
6,900.00	5,604.98	10,646.00	6,379.67	84.93	110.35	-102.93	1,348.29	4,020.59	1,285.14	1,141.58	143.56	8.952	
7,000.00	5,681.30	10,646.00	6,379.67	86.40	110.35	-102.93	1,348.29	4,020.59	1,224.17	1,077.24	146.93	8.332	
7,100.00	5,757.62	10,646.00	6,379.67	87.87	110.35	-102.93	1,348.29	4,020.59	1,168.58	1,018.58	150.00	7.791	
7,176.71	5,816.17	10,646.00	6,379.67	89.00	110.35	-102.93	1,348.29	4,020.59	1,130.09	978.06	152.03	7.433	
7,200.00	5,833.92	10,646.00	6,379.67	89.34	110.35	-100.59	1,348.29	4,020.59	1,118.78	966.22	152.56	7.333	
7,250.00	5,871.73	10,646.00	6,379.67	90.07	110.35	-95.82	1,348.29	4,020.59	1,093.10	939.63	153.47	7.123	
7,300.00	5,908.91	10,646.00	6,379.67	90.78	110.35	-91.53	1,348.29	4,020.59	1,065.56	911.50	154.06	6.917	
7,350.00	5,945.18	10,646.00	6,379.67	91.48	110.35	-87.84	1,348.29	4,020.59	1,036.23	881.91	154.32	6.715	
7,400.00	5,980.26	10,646.00	6,379.67	92.14	110.35	-84.84	1,348.29	4,020.59	1,005.18	850.94	154.24	6.517	
7,450.00	6,013.88	10,646.00	6,379.67	92.77	110.35	-82.58	1,348.29	4,020.59	972.49	818.68	153.81	6.323	
7,500.00	6,045.79	10,646.00	6,379.67	93.36	110.35	-81.09	1,348.29	4,020.59	938.26	785.23	153.03	6.131	
7,550.00	6,075.75	10,646.00	6,379.67	93.90	110.35	-80.39	1,348.29	4,020.59	902.59	750.71	151.88	5.943	
7,600.00	6,103.52	10,646.00	6,379.67	94.40	110.35	-80.51	1,348.29	4,020.59	865.58	715.23	150.35	5.757	
7,650.00	6,128.89	10,646.00	6,379.67	94.85	110.35	-81.50	1,348.29	4,020.59	827.36	678.93	148.44	5.574	
7,700.00	6,151.68	10,646.00	6,379.67	95.25	110.35	-83.37	1,348.29	4,020.59	788.07	641.95	146.12	5.393	
7,750.00	6,171.71	10,646.00	6,379.67	95.60	110.35	-86.19	1,348.29	4,020.59	747.86	604.46	143.40	5.215	
7,800.00	6,188.82	10,646.00	6,379.67	95.91	110.35	-89.96	1,348.29	4,020.59	706.91	566.65	140.26	5.040	
7,850.00	6,202.89	10,646.00	6,379.67	96.16	110.35	-94.67	1,348.29	4,020.59	665.41	528.73	136.68	4.869	
7,900.00	6,213.81	10,646.00	6,379.67	96.38	110.35	-100.25	1,348.29	4,020.59	623.61	490.95	132.66	4.701	
7,950.00	6,221.49	10,646.00	6,379.67	96.55	110.35	-106.51	1,348.29	4,020.59	581.80	453.57	128.22	4.537	
8,000.00	6,225.88	10,646.00	6,379.67	96.69	110.35	-113.18	1,348.29	4,020.59	540.32	416.90	123.41	4.378	
8,040.96	6,227.00	10,646.00	6,379.67	96.77	110.35	-118.71	1,348.29	4,020.59	506.89	387.61	119.29	4.249	
8,100.00	6,227.00	10,646.00	6,379.67	96.88	110.35	-118.71	1,348.29	4,020.59	460.54	347.38	113.16	4.070	
8,200.00	6,227.00	10,646.00	6,379.67	97.07	110.35	-118.71	1,348.29	4,020.59	389.94	284.66	105.28	3.704	
8,300.00	6,227.00	10,646.00	6,379.67	97.28	110.35	-118.71	1,348.29	4,020.59	334.68	227.91	106.77	3.135	
8,400.00	6,227.00	10,646.00	6,379.67	97.49	110.35	-118.71	1,348.29	4,020.59	303.25	188.19	115.06	2.636	
8,450.23	6,227.00	10,646.00	6,379.67	97.61	110.35	-118.71	1,348.29	4,020.59	299.06	178.22	120.84	2.475 CC	
8,500.00	6,227.00	10,646.00	6,379.67	97.72	110.35	-118.71	1,348.29	4,020.59	303.18	174.93	128.25	2.364 ES	
8,600.00	6,227.00	10,646.00	6,379.67	97.97	110.35	-118.71	1,348.29	4,020.59	334.47	187.49	146.98	2.276 SF	
8,700.00	6,227.00	10,646.00	6,379.67	98.23	110.35	-118.71	1,348.29	4,020.59	389.65	227.22	162.43	2.399	
8,800.00	6,227.00	10,616.54	6,379.53	98.50	109.63	-116.75	1,367.43	3,998.19	459.41	291.23	168.18	2.732	
8,900.00	6,227.00	10,554.04	6,379.74	98.79	108.12	-113.40	1,408.37	3,950.97	531.99	363.96	168.03	3.166	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ SI 70 RANCH USX BB 25-99HZ - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 823-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		
9,000.00	6,227.00	10,492.48	6,379.44	99.09	106.63	-110.72	1,448.07	3,903.93	606.06	438.68	167.38	3.621		
9,100.00	6,227.00	10,430.11	6,379.68	99.41	105.12	-108.60	1,488.56	3,856.49	680.48	514.22	166.26	4.093		
9,200.00	6,227.00	10,366.80	6,379.38	99.75	103.59	-106.78	1,529.32	3,808.04	755.61	590.74	164.87	4.583		
9,300.00	6,227.00	10,293.32	6,379.27	100.10	101.81	-105.08	1,576.91	3,752.06	830.75	668.19	162.57	5.110		
9,400.00	6,227.00	10,226.48	6,379.17	100.47	100.20	-103.81	1,620.53	3,701.42	905.68	744.92	160.77	5.634		
9,500.00	6,227.00	10,162.96	6,378.60	100.86	98.67	-102.74	1,661.98	3,653.28	980.72	821.55	159.18	6.161		
9,600.00	6,227.00	9,790.31	6,380.12	101.26	90.10	-99.30	1,937.92	3,405.29	1,053.91	917.50	136.41	7.726		
9,700.00	6,227.00	9,512.79	6,347.01	101.68	84.63	-96.28	2,180.97	3,276.72	1,098.49	974.40	124.10	8.852		
9,800.00	6,227.00	9,412.00	6,341.25	102.13	82.82	-95.74	2,273.94	3,238.38	1,136.23	1,013.62	122.62	9.267		
9,900.00	6,227.00	9,347.15	6,340.94	102.59	81.65	-95.59	2,333.95	3,213.81	1,174.45	1,051.72	122.73	9.569		
10,000.00	6,227.00	9,287.99	6,340.74	103.07	80.56	-95.45	2,387.89	3,189.53	1,215.56	1,092.55	123.00	9.882		
10,100.00	6,227.00	9,220.00	6,340.57	103.58	79.29	-95.30	2,449.27	3,160.28	1,258.70	1,135.85	122.84	10.247		
10,200.00	6,227.00	9,166.33	6,340.47	104.10	78.26	-95.19	2,497.18	3,136.08	1,303.87	1,180.71	123.16	10.586		
10,300.00	6,227.00	9,125.00	6,340.42	104.65	77.46	-95.10	2,533.65	3,116.66	1,351.41	1,227.52	123.90	10.907		
10,400.00	6,227.00	9,062.29	6,340.45	105.22	76.21	-94.97	2,588.21	3,085.74	1,401.06	1,277.38	123.68	11.328		
10,500.00	6,227.00	9,010.01	6,340.60	105.82	75.15	-94.87	2,632.91	3,058.64	1,453.04	1,329.24	123.80	11.737		
10,600.00	6,227.00	8,951.11	6,340.89	106.43	73.94	-94.76	2,682.70	3,027.17	1,506.66	1,383.08	123.59	12.191		
10,700.00	6,227.00	8,934.00	6,341.00	107.07	73.59	-94.73	2,697.06	3,017.87	1,562.49	1,437.63	124.86	12.514		
10,800.00	6,227.00	8,874.78	6,341.40	107.74	72.33	-94.62	2,745.83	2,984.29	1,619.82	1,495.38	124.44	13.016		
10,900.00	6,227.00	8,838.00	6,341.67	108.42	71.55	-94.56	2,775.23	2,962.19	1,680.00	1,555.21	124.79	13.462		
11,000.00	6,227.00	8,838.00	6,341.67	109.14	71.55	-94.56	2,775.23	2,962.19	1,742.90	1,616.52	126.38	13.791		
11,100.00	6,227.00	8,781.64	6,342.04	109.87	70.30	-94.45	2,818.82	2,926.48	1,806.85	1,681.05	125.80	14.363		
11,200.00	6,227.00	8,743.00	6,342.23	110.64	69.44	-94.38	2,847.64	2,900.75	1,873.36	1,747.56	125.80	14.891		
11,300.00	6,227.00	8,715.69	6,342.28	111.43	68.81	-94.32	2,867.60	2,882.11	1,941.42	1,815.30	126.12	15.394		
11,400.00	6,227.00	8,672.44	6,342.06	112.24	67.82	-94.22	2,898.85	2,852.21	2,010.69	1,884.88	125.81	15.982		
11,500.00	6,227.00	8,622.30	6,341.33	113.08	66.67	-94.09	2,934.56	2,817.03	2,080.94	1,955.72	125.22	16.618		
11,600.00	6,227.00	8,560.72	6,339.43	113.94	65.26	-93.91	2,978.13	2,773.55	2,151.62	2,027.40	124.22	17.320		
11,700.00	6,227.00	8,492.14	6,336.55	114.83	63.68	-93.68	3,026.48	2,724.99	2,222.52	2,099.51	123.01	18.067		
11,800.00	6,227.00	8,402.77	6,333.34	115.74	61.64	-93.42	3,089.66	2,661.87	2,293.30	2,172.08	121.22	18.918		
11,900.00	6,227.00	8,331.73	6,331.99	116.68	60.03	-93.28	3,140.39	2,612.16	2,363.42	2,243.39	120.03	19.690		
12,000.00	6,227.00	8,285.50	6,331.38	117.64	58.98	-93.19	3,173.15	2,579.54	2,434.13	2,314.60	119.54	20.363		
12,100.00	6,227.00	8,226.96	6,330.81	118.63	57.66	-93.10	3,214.27	2,537.88	2,505.46	2,386.76	118.70	21.107		
12,200.00	6,227.00	8,158.70	6,330.62	119.64	56.11	-93.01	3,262.19	2,489.26	2,576.86	2,459.23	117.63	21.907		
12,300.00	6,227.00	8,100.80	6,330.74	120.68	54.81	-92.94	3,302.72	2,447.92	2,648.48	2,531.64	116.83	22.669		
12,400.00	6,227.00	8,035.15	6,331.04	121.74	53.34	-92.88	3,348.50	2,400.87	2,720.35	2,604.49	115.86	23.479		
12,500.00	6,227.00	7,960.43	6,331.20	122.82	51.67	-92.81	3,400.66	2,347.36	2,792.17	2,677.45	114.72	24.340		
12,600.00	6,227.00	7,882.63	6,331.23	123.92	49.95	-92.73	3,455.09	2,291.78	2,863.82	2,750.27	113.55	25.222		
12,700.00	6,227.00	7,836.76	6,331.46	125.04	48.94	-92.69	3,487.11	2,258.93	2,935.64	2,822.59	113.05	25.967		
12,800.00	6,227.00	7,798.77	6,332.01	126.19	48.10	-92.67	3,513.43	2,231.55	3,008.04	2,895.33	112.71	26.688		
12,900.00	6,227.00	7,709.36	6,333.90	127.35	46.15	-92.64	3,575.15	2,166.87	3,080.64	2,969.25	111.40	27.655		
13,000.00	6,227.00	7,641.06	6,335.08	128.54	44.67	-92.61	3,622.48	2,117.65	3,152.96	3,042.45	110.52	28.529		
13,100.00	6,227.00	7,579.83	6,335.86	129.74	43.36	-92.58	3,664.82	2,073.43	3,225.43	3,115.64	109.78	29.380		
13,200.00	6,227.00	7,521.34	6,336.26	130.97	42.12	-92.54	3,705.15	2,031.06	3,298.08	3,188.97	109.11	30.227		
13,300.00	6,227.00	7,462.85	6,336.36	132.21	40.89	-92.50	3,745.33	1,988.57	3,370.95	3,262.50	108.45	31.082		
13,400.00	6,227.00	7,404.00	6,336.52	133.47	39.66	-92.45	3,785.64	1,945.69	3,444.03	3,336.22	107.80	31.947		
13,500.00	6,227.00	7,368.07	6,336.56	134.74	38.91	-92.43	3,810.09	1,919.36	3,517.50	3,410.00	107.50	32.720		
13,600.00	6,227.00	7,332.54	6,336.46	136.03	38.18	-92.40	3,834.03	1,893.11	3,591.59	3,484.39	107.20	33.504		
13,700.00	6,227.00	7,291.61	6,336.22	137.34	37.35	-92.36	3,861.34	1,862.62	3,666.24	3,559.43	106.82	34.323		
13,800.00	6,227.00	7,238.56	6,336.35	138.67	36.27	-92.33	3,896.58	1,822.96	3,741.21	3,634.94	106.28	35.202		
13,900.00	6,227.00	7,164.14	6,337.28	140.00	34.79	-92.30	3,945.90	1,767.25	3,816.32	3,710.81	105.51	36.171		
14,000.00	6,227.00	7,022.00	6,339.14	141.36	32.08	-92.25	4,041.31	1,661.91	3,890.74	3,786.63	104.11	37.372		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ SI 70 RANCH USX BB 25-99HZ - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 823-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,100.00	6,227.00	6,980.90	6,339.26	142.72	31.33	-92.22	4,069.14	1,631.66	3,964.57	3,860.74	103.83	38.183	
14,200.00	6,227.00	6,926.00	6,337.90	144.10	30.34	-92.16	4,105.87	1,590.89	4,038.98	3,935.56	103.43	39.052	
14,300.00	6,227.00	6,926.00	6,337.90	145.49	30.34	-92.16	4,105.87	1,590.89	4,113.82	4,010.31	103.50	39.746	
14,400.00	6,227.00	6,887.94	6,336.00	146.90	29.67	-92.10	4,130.93	1,562.31	4,189.25	4,086.00	103.26	40.572	
14,500.00	6,227.00	6,863.50	6,334.42	148.31	29.24	-92.05	4,146.78	1,543.77	4,265.37	4,162.26	103.12	41.364	
14,600.00	6,227.00	6,732.46	6,322.59	149.74	27.07	-91.74	4,231.72	1,444.72	4,341.43	4,239.20	102.23	42.468	
14,700.00	6,227.00	6,696.30	6,318.08	151.18	26.51	-91.64	4,255.24	1,417.62	4,417.05	4,314.99	102.05	43.281	
14,800.00	6,227.00	6,648.00	6,310.31	152.62	25.78	-91.46	4,286.22	1,381.40	4,493.07	4,391.24	101.83	44.125	
14,900.00	6,227.00	6,613.60	6,303.06	154.08	25.29	-91.31	4,308.00	1,355.77	4,569.35	4,467.66	101.68	44.938	
15,000.00	6,227.00	6,523.93	6,279.27	155.55	24.09	-90.83	4,363.70	1,289.71	4,645.81	4,544.47	101.34	45.846	
15,100.00	6,227.00	6,490.00	6,267.28	157.03	23.67	-90.59	4,384.11	1,265.41	4,722.36	4,621.14	101.23	46.651	
15,200.00	6,227.00	6,477.35	6,262.32	158.51	23.52	-90.50	4,391.52	1,256.43	4,799.47	4,698.28	101.19	47.429	
15,300.00	6,227.00	6,458.00	6,254.35	160.01	23.29	-90.34	4,402.62	1,242.74	4,877.21	4,776.07	101.13	48.225	
15,400.00	6,227.00	6,425.45	6,239.72	161.51	22.94	-90.07	4,420.77	1,220.03	4,955.46	4,854.41	101.05	49.042	
15,500.00	6,227.00	6,394.00	6,224.04	163.02	22.60	-89.78	4,437.70	1,198.66	5,034.10	4,933.15	100.95	49.867	
15,600.00	6,227.00	6,324.26	6,186.62	164.54	21.94	-89.10	4,474.15	1,152.46	5,113.05	5,012.26	100.79	50.729	
15,700.00	6,227.00	6,267.00	6,153.75	166.06	21.44	-88.52	4,503.34	1,115.78	5,192.06	5,091.36	100.70	51.560	
15,800.00	6,227.00	6,236.00	6,135.20	167.59	21.20	-88.19	4,518.81	1,096.36	5,271.30	5,170.64	100.66	52.366	
15,900.00	6,227.00	6,236.00	6,135.20	169.13	21.20	-88.19	4,518.81	1,096.36	5,351.13	5,250.47	100.66	53.162	
16,000.00	6,227.00	5,981.00	5,955.54	170.68	19.68	-85.19	4,633.22	958.01	5,430.50	5,329.94	100.57	53.998	
16,100.00	6,227.00	5,981.00	5,955.54	172.23	19.68	-85.19	4,633.22	958.01	5,509.58	5,409.03	100.55	54.793	
16,200.00	6,227.00	5,981.00	5,955.54	173.78	19.68	-85.19	4,633.22	958.01	5,589.33	5,488.79	100.54	55.593	
16,300.00	6,227.00	5,960.79	5,938.87	175.35	19.59	-84.92	4,640.73	949.41	5,669.62	5,569.11	100.51	56.407	
16,400.00	6,227.00	5,950.00	5,929.80	176.92	19.55	-84.78	4,644.56	944.99	5,750.46	5,649.97	100.49	57.222	
16,500.00	6,227.00	5,950.00	5,929.80	178.49	19.55	-84.78	4,644.56	944.99	5,831.86	5,731.38	100.49	58.037	
16,600.00	6,227.00	5,936.10	5,917.97	180.07	19.49	-84.58	4,649.28	939.44	5,913.75	5,813.29	100.47	58.864	
16,700.00	6,227.00	5,918.00	5,902.32	181.65	19.41	-84.33	4,655.05	932.40	5,996.25	5,895.81	100.44	59.702	
16,800.00	6,227.00	5,918.00	5,902.32	183.24	19.41	-84.33	4,655.05	932.40	6,079.13	5,978.69	100.43	60.528	
16,900.00	6,227.00	5,918.00	5,902.32	184.84	19.41	-84.33	4,655.05	932.40	6,162.51	6,062.08	100.43	61.359	
17,000.00	6,227.00	5,918.00	5,902.32	186.43	19.41	-84.33	4,655.05	932.40	6,246.38	6,145.95	100.44	62.193	
17,100.00	6,227.00	5,897.83	5,884.55	188.04	19.33	-84.05	4,661.02	924.95	6,330.64	6,230.23	100.41	63.050	
17,200.00	6,227.00	5,886.00	5,873.97	189.64	19.28	-83.88	4,664.32	920.81	6,415.31	6,314.93	100.39	63.905	
17,300.00	6,227.00	5,886.00	5,873.97	191.25	19.28	-83.88	4,664.32	920.81	6,500.40	6,400.00	100.39	64.749	
17,400.00	6,227.00	5,868.05	5,857.73	192.87	19.21	-83.61	4,669.08	914.83	6,585.83	6,485.47	100.36	65.619	
17,500.00	6,227.00	5,854.00	5,844.88	194.48	19.16	-83.41	4,672.61	910.37	6,671.66	6,571.32	100.34	66.490	
17,600.00	6,227.00	5,854.00	5,844.88	196.11	19.16	-83.41	4,672.61	910.37	6,757.83	6,657.48	100.35	67.342	
17,677.76	6,227.00	5,854.00	5,844.88	197.37	19.16	-83.41	4,672.61	910.37	6,825.10	6,724.74	100.36	68.006	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 591-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	19.00	19.00	0.00	0.03	-1.23	5,109.07	-109.78	5,110.25				
100.00	100.00	119.00	119.00	0.27	0.20	-1.23	5,109.07	-109.78	5,110.25	5,109.78	0.47	N/A	
200.00	199.98	218.98	218.98	0.62	0.38	-85.92	5,109.07	-109.78	5,110.13	5,109.13	1.00	5,115.025	
300.00	299.84	318.84	318.84	0.99	0.55	-85.98	5,109.07	-109.78	5,109.76	5,108.23	1.53	3,337.696	
400.00	399.45	418.45	418.45	1.36	0.72	-86.09	5,109.07	-109.78	5,109.15	5,107.07	2.08	2,458.822	
500.00	498.70	517.70	517.70	1.75	0.89	-86.24	5,109.07	-109.78	5,108.33	5,105.69	2.64	1,931.590	
600.00	597.47	599.28	599.28	2.18	1.05	-86.40	5,109.09	-109.77	5,107.36	5,104.14	3.22	1,584.787	
700.00	695.62	670.33	670.33	2.63	1.30	-86.56	5,109.65	-109.53	5,106.91	5,102.98	3.93	1,299.058	
800.00	793.06	760.39	760.38	3.12	1.62	-86.79	5,110.50	-109.40	5,106.54	5,101.79	4.75	1,076.016	
900.00	889.64	849.57	849.56	3.66	1.94	-87.06	5,111.46	-109.49	5,106.22	5,100.62	5.60	911.688	
1,000.00	985.27	937.75	937.73	4.25	2.25	-87.36	5,112.54	-109.78	5,106.02	5,099.52	6.50	785.416	
1,100.00	1,079.82	1,036.62	1,036.59	4.89	2.61	-87.72	5,113.81	-110.26	5,105.92	5,098.43	7.49	681.462	
1,200.00	1,173.17	1,143.49	1,143.46	5.58	2.99	-88.16	5,114.95	-110.56	5,105.71	5,097.14	8.57	595.757	
1,300.00	1,265.21	1,249.06	1,249.03	6.34	3.36	-88.63	5,115.82	-110.60	5,105.41	5,095.71	9.70	526.094	
1,400.00	1,355.84	1,353.22	1,353.18	7.16	3.73	-89.13	5,116.42	-110.39	5,105.12	5,094.22	10.90	468.429	
1,441.71	1,393.19	1,383.07	1,383.03	7.54	3.84	-89.27	5,116.58	-110.30	5,105.06	5,093.68	11.38	448.738	
1,500.00	1,444.94	1,425.30	1,425.26	8.05	3.99	-89.49	5,116.87	-110.19	5,105.17	5,093.12	12.05	423.794	
1,600.00	1,532.39	1,496.64	1,496.60	9.02	4.25	-89.86	5,117.53	-110.07	5,105.91	5,092.65	13.26	385.011	
1,700.00	1,618.11	1,566.50	1,566.45	10.05	4.50	-90.23	5,118.40	-110.03	5,107.39	5,092.85	14.54	351.175	
1,800.00	1,701.97	1,635.00	1,634.94	11.16	4.74	-90.61	5,119.46	-110.04	5,109.70	5,093.81	15.89	321.481	
1,900.00	1,783.88	1,731.99	1,731.92	12.35	5.09	-91.17	5,120.98	-109.94	5,112.67	5,095.25	17.42	293.468	
2,000.00	1,863.74	1,827.33	1,827.25	13.61	5.43	-91.74	5,122.23	-109.49	5,116.13	5,097.11	19.02	269.014	
2,100.00	1,941.45	1,972.40	1,972.28	14.95	5.94	-92.66	5,123.34	-106.98	5,119.89	5,099.03	20.86	245.390	
2,112.50	1,951.01	2,038.28	2,038.09	15.12	6.17	-93.10	5,123.35	-104.16	5,120.39	5,099.12	21.26	240.794	
2,200.00	2,017.79	2,172.70	2,172.01	16.35	6.64	-93.97	5,122.78	-92.63	5,122.98	5,100.03	22.94	223.291	
2,300.00	2,094.11	2,473.36	2,469.90	17.76	7.74	-95.81	5,112.76	-53.93	5,122.02	5,096.63	25.39	201.760	
2,342.42	2,126.49	2,490.00	2,486.36	18.36	7.80	-95.91	5,112.01	-51.55	5,121.88	5,095.83	26.05	196.646	
2,400.00	2,170.44	2,526.45	2,522.39	19.17	7.94	-96.13	5,110.48	-46.30	5,121.98	5,094.99	26.99	189.770	
2,500.00	2,246.76	2,586.00	2,581.23	20.60	8.17	-96.48	5,108.45	-37.33	5,123.08	5,094.46	28.62	178.996	
2,600.00	2,323.08	2,692.06	2,685.82	22.03	8.59	-97.10	5,105.16	-20.04	5,124.84	5,094.41	30.43	168.426	
2,700.00	2,399.41	2,723.39	2,716.76	23.47	8.71	-97.28	5,104.24	-15.23	5,127.29	5,095.33	31.96	160.411	
2,800.00	2,475.73	2,776.00	2,768.90	24.91	8.91	-97.60	5,102.94	-8.31	5,131.10	5,097.52	33.57	152.835	
2,900.00	2,552.05	2,776.00	2,768.90	26.36	8.91	-97.60	5,102.94	-8.31	5,136.25	5,101.27	34.98	146.820	
3,000.00	2,628.38	2,815.36	2,808.02	27.80	9.06	-97.84	5,102.36	-4.09	5,142.83	5,106.31	36.53	140.792	
3,100.00	2,704.70	2,871.00	2,863.46	29.25	9.27	-98.20	5,102.50	0.57	5,151.37	5,113.25	38.12	135.119	
3,200.00	2,781.02	2,871.00	2,863.46	30.71	9.27	-98.20	5,102.50	0.57	5,160.81	5,121.31	39.50	130.638	
3,300.00	2,857.35	2,937.12	2,929.48	32.16	9.51	-98.64	5,102.93	4.21	5,171.83	5,130.72	41.11	125.790	
3,400.00	2,933.67	3,035.33	3,027.65	33.62	9.86	-99.32	5,102.42	6.78	5,183.34	5,140.52	42.82	121.042	
3,500.00	3,009.99	3,099.10	3,091.41	35.07	10.08	-99.76	5,101.81	7.89	5,195.46	5,151.07	44.39	117.029	
3,600.00	3,086.31	3,157.00	3,149.31	36.53	10.28	-100.17	5,101.44	8.49	5,208.71	5,162.78	45.93	113.394	
3,700.00	3,162.64	3,213.62	3,205.92	37.99	10.47	-100.57	5,101.21	8.78	5,222.99	5,175.54	47.45	110.063	
3,800.00	3,238.96	3,279.49	3,271.80	39.45	10.69	-101.03	5,101.00	8.90	5,238.19	5,189.20	48.99	106.913	
3,900.00	3,315.28	3,344.98	3,337.29	40.91	10.91	-101.49	5,100.84	8.78	5,254.30	5,203.78	50.52	104.000	
4,000.00	3,391.61	3,410.08	3,402.39	42.37	11.13	-101.95	5,100.74	8.43	5,271.31	5,219.27	52.04	101.302	
4,100.00	3,467.93	3,478.06	3,470.36	43.84	11.35	-102.43	5,100.70	7.85	5,289.21	5,235.67	53.55	98.780	
4,200.00	3,544.25	3,549.01	3,541.31	45.30	11.59	-102.93	5,100.69	7.14	5,307.94	5,252.88	55.05	96.417	
4,300.00	3,620.58	3,619.83	3,612.12	46.76	11.82	-103.42	5,100.72	6.35	5,327.47	5,270.92	56.55	94.216	
4,400.00	3,696.90	3,690.52	3,682.81	48.23	12.06	-103.91	5,100.78	5.49	5,347.80	5,289.77	58.02	92.164	
4,500.00	3,773.22	3,766.71	3,759.00	49.69	12.31	-104.44	5,100.89	4.52	5,368.90	5,309.38	59.51	90.211	
4,600.00	3,849.55	3,849.74	3,842.02	51.16	12.60	-105.01	5,101.06	3.78	5,390.64	5,329.61	61.02	88.339	
4,700.00	3,925.87	3,933.44	3,925.71	52.62	12.89	-105.58	5,101.29	3.42	5,412.97	5,350.45	62.52	86.581	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ SI 70 RANCH USX BB25-68HN - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 591-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	
4,800.00	4,002.19	8,277.10	6,345.11	54.09	63.65	-104.68	5,092.88	2,249.75	5,396.70	5,289.85	106.85	50.506	
4,900.00	4,078.51	8,371.55	6,344.86	55.56	66.06	-103.90	5,095.90	2,344.15	5,360.68	5,249.72	110.96	48.313	
5,000.00	4,154.84	8,481.95	6,343.06	57.02	68.89	-102.96	5,098.73	2,454.49	5,324.62	5,209.14	115.47	46.111	
5,100.00	4,231.16	8,731.64	6,340.11	58.49	75.37	-100.84	5,099.80	2,704.13	5,288.77	5,165.57	123.19	42.930	
5,200.00	4,307.48	8,799.25	6,339.32	59.96	77.13	-100.26	5,098.61	2,771.73	5,252.20	5,125.40	126.80	41.420	
5,300.00	4,383.81	8,837.53	6,338.84	61.43	78.13	-99.93	5,098.05	2,810.00	5,216.66	5,086.89	129.77	40.200	
5,400.00	4,460.13	8,893.00	6,338.22	62.89	79.58	-99.45	5,097.53	2,865.47	5,182.37	5,049.23	133.14	38.925	
5,500.00	4,536.45	8,893.00	6,338.22	64.36	79.58	-99.45	5,097.53	2,865.47	5,149.30	5,014.07	135.23	38.078	
5,600.00	4,612.78	8,945.87	6,338.08	65.83	80.97	-99.00	5,097.33	2,918.33	5,117.46	4,978.90	138.56	36.934	
5,700.00	4,689.10	8,988.00	6,338.53	67.30	82.07	-98.63	5,097.34	2,960.46	5,087.03	4,945.40	141.64	35.916	
5,800.00	4,765.42	9,107.93	6,340.52	68.77	85.23	-97.60	5,096.42	3,080.37	5,057.16	4,910.60	146.56	34.506	
5,900.00	4,841.75	9,152.59	6,340.75	70.24	86.41	-97.21	5,096.14	3,125.03	5,028.16	4,878.43	149.72	33.583	
6,000.00	4,918.07	9,196.42	6,340.52	71.70	87.56	-96.82	5,096.18	3,168.86	5,000.42	4,847.55	152.87	32.710	
6,100.00	4,994.39	9,241.06	6,340.49	73.17	88.74	-96.42	5,096.35	3,213.49	4,973.97	4,817.93	156.04	31.877	
6,200.00	5,070.72	9,333.78	6,340.71	74.64	91.19	-95.60	5,096.51	3,306.21	4,948.47	4,788.11	160.36	30.858	
6,300.00	5,147.04	9,539.24	6,340.58	76.11	96.64	-93.76	5,092.96	3,511.63	4,922.48	4,755.09	167.39	29.408	
6,400.00	5,223.36	9,599.70	6,341.59	77.58	98.25	-93.22	5,090.89	3,572.05	4,897.07	4,726.13	170.94	28.648	
6,500.00	5,299.68	9,655.00	6,343.16	79.05	99.72	-92.73	5,089.02	3,627.29	4,872.88	4,698.52	174.36	27.948	
6,600.00	5,376.01	9,774.43	6,346.45	80.52	102.90	-91.67	5,084.51	3,746.59	4,849.52	4,670.24	179.27	27.051	
6,700.00	5,452.33	9,869.99	6,346.25	81.99	105.45	-90.79	5,080.30	3,842.05	4,826.34	4,642.70	183.63	26.283	
6,800.00	5,528.65	9,912.02	6,345.92	83.46	106.57	-90.40	5,078.55	3,884.05	4,804.43	4,617.71	186.72	25.730	
6,900.00	5,604.98	9,969.70	6,345.59	84.93	108.12	-89.87	5,076.36	3,941.68	4,783.93	4,593.77	190.16	25.158	
7,000.00	5,681.30	10,036.00	6,344.18	86.40	109.89	-89.24	5,073.84	4,007.92	4,764.45	4,570.67	193.78	24.587	
7,100.00	5,757.62	10,085.76	6,342.74	87.87	111.22	-88.77	5,072.05	4,057.63	4,746.26	4,549.29	196.98	24.095	
7,176.71	5,816.17	10,119.00	6,341.92	89.00	112.11	-88.45	5,070.98	4,090.84	4,733.34	4,534.05	199.29	23.751	
7,200.00	5,833.92	10,131.42	6,341.63	89.34	112.44	-85.62	5,070.60	4,103.25	4,729.12	4,529.08	200.04	23.641	
7,250.00	5,871.73	10,162.19	6,340.91	90.07	113.26	-79.69	5,069.66	4,133.99	4,717.17	4,515.44	201.73	23.383	
7,300.00	5,908.91	10,177.00	6,340.57	90.78	113.66	-74.24	5,069.21	4,148.79	4,701.34	4,498.34	203.00	23.159	
7,350.00	5,945.18	10,177.00	6,340.57	91.48	113.66	-69.39	5,069.21	4,148.79	4,681.89	4,478.03	203.86	22.966	
7,400.00	5,980.26	10,177.00	6,340.57	92.14	113.66	-65.05	5,069.21	4,148.79	4,658.92	4,454.26	204.66	22.764	
7,450.00	6,013.88	10,177.00	6,340.57	92.77	113.66	-61.23	5,069.21	4,148.79	4,632.57	4,427.17	205.40	22.554	
7,500.00	6,045.79	10,177.00	6,340.57	93.36	113.66	-57.92	5,069.21	4,148.79	4,602.98	4,396.90	206.08	22.336	
7,550.00	6,075.75	10,177.00	6,340.57	93.90	113.66	-55.13	5,069.21	4,148.79	4,570.32	4,363.63	206.68	22.113	
7,600.00	6,103.52	10,177.00	6,340.57	94.40	113.66	-52.81	5,069.21	4,148.79	4,534.76	4,327.54	207.22	21.883	
7,650.00	6,128.89	10,177.00	6,340.57	94.85	113.66	-50.96	5,069.21	4,148.79	4,496.52	4,288.83	207.70	21.649	
7,700.00	6,151.68	10,177.00	6,340.57	95.25	113.66	-49.58	5,069.21	4,148.79	4,455.83	4,247.72	208.11	21.411	
7,750.00	6,171.71	10,177.00	6,340.57	95.60	113.66	-48.68	5,069.21	4,148.79	4,412.92	4,204.47	208.45	21.170	
7,800.00	6,188.82	10,177.00	6,340.57	95.91	113.66	-48.35	5,069.21	4,148.79	4,368.06	4,159.33	208.73	20.926	
7,850.00	6,202.89	10,177.00	6,340.57	96.16	113.66	-48.76	5,069.21	4,148.79	4,321.55	4,112.59	208.96	20.681	
7,900.00	6,213.81	10,177.00	6,340.57	96.38	113.66	-50.41	5,069.21	4,148.79	4,273.68	4,064.54	209.13	20.435	
7,950.00	6,221.49	10,177.00	6,340.57	96.55	113.66	-54.74	5,069.21	4,148.79	4,224.78	4,015.52	209.26	20.190	
8,000.00	6,225.88	10,177.00	6,340.57	96.69	113.66	-68.73	5,069.21	4,148.79	4,175.19	3,965.86	209.33	19.945	
8,040.96	6,227.00	10,177.00	6,340.57	96.77	113.66	-122.74	5,069.21	4,148.79	4,134.31	3,924.95	209.36	19.747	
8,100.00	6,227.00	10,177.00	6,340.57	96.88	113.66	-122.74	5,069.21	4,148.79	4,075.33	3,865.94	209.39	19.463	
8,200.00	6,227.00	10,177.00	6,340.57	97.07	113.66	-122.74	5,069.21	4,148.79	3,975.42	3,765.99	209.43	18.982	
8,300.00	6,227.00	10,177.00	6,340.57	97.28	113.66	-122.74	5,069.21	4,148.79	3,875.52	3,666.05	209.47	18.501	
8,400.00	6,227.00	10,177.00	6,340.57	97.49	113.66	-122.74	5,069.21	4,148.79	3,775.62	3,566.10	209.52	18.020	
8,500.00	6,227.00	10,177.00	6,340.57	97.72	113.66	-122.74	5,069.21	4,148.79	3,675.73	3,466.17	209.57	17.540	
8,600.00	6,227.00	10,177.00	6,340.57	97.97	113.66	-122.74	5,069.21	4,148.79	3,575.85	3,366.23	209.62	17.059	
8,700.00	6,227.00	10,177.00	6,340.57	98.23	113.66	-122.74	5,069.21	4,148.79	3,475.97	3,266.30	209.67	16.578	
8,800.00	6,227.00	10,177.00	6,340.57	98.50	113.66	-122.74	5,069.21	4,148.79	3,376.10	3,166.37	209.73	16.097	

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

Civitas Resources
Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ SI 70 RANCH USX BB25-68HN - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 591-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	
8,900.00	6,227.00	10,177.00	6,340.57	98.79	113.66	-122.74	5,069.21	4,148.79	3,276.24	3,066.45	209.79	15.617	
9,000.00	6,227.00	10,177.00	6,340.57	99.09	113.66	-122.74	5,069.21	4,148.79	3,176.39	2,966.53	209.86	15.136	
9,100.00	6,227.00	10,177.00	6,340.57	99.41	113.66	-122.74	5,069.21	4,148.79	3,076.55	2,866.62	209.92	14.656	
9,200.00	6,227.00	10,177.00	6,340.57	99.75	113.66	-122.74	5,069.21	4,148.79	2,976.71	2,766.72	209.99	14.175	
9,300.00	6,227.00	10,177.00	6,340.57	100.10	113.66	-122.74	5,069.21	4,148.79	2,876.89	2,666.82	210.07	13.695	
9,400.00	6,227.00	10,177.00	6,340.57	100.47	113.66	-122.74	5,069.21	4,148.79	2,777.08	2,566.93	210.15	13.215	
9,500.00	6,227.00	10,177.00	6,340.57	100.86	113.66	-122.74	5,069.21	4,148.79	2,677.29	2,467.05	210.23	12.735	
9,600.00	6,227.00	10,177.00	6,340.57	101.26	113.66	-122.74	5,069.21	4,148.79	2,577.51	2,367.19	210.32	12.255	
9,700.00	6,227.00	10,177.00	6,340.57	101.68	113.66	-122.74	5,069.21	4,148.79	2,477.75	2,267.33	210.42	11.775	
9,800.00	6,227.00	10,177.00	6,340.57	102.13	113.66	-122.74	5,069.21	4,148.79	2,378.01	2,167.49	210.52	11.296	
9,900.00	6,227.00	10,177.00	6,340.57	102.59	113.66	-122.74	5,069.21	4,148.79	2,278.29	2,067.66	210.64	10.816	
10,000.00	6,227.00	10,177.00	6,340.57	103.07	113.66	-122.74	5,069.21	4,148.79	2,178.60	1,967.85	210.75	10.337	
10,100.00	6,227.00	10,177.00	6,340.57	103.58	113.66	-122.74	5,069.21	4,148.79	2,078.94	1,868.06	210.88	9.858	
10,200.00	6,227.00	10,177.00	6,340.57	104.10	113.66	-122.74	5,069.21	4,148.79	1,979.31	1,768.29	211.02	9.380	
10,300.00	6,227.00	10,177.00	6,340.57	104.65	113.66	-122.74	5,069.21	4,148.79	1,879.72	1,668.56	211.17	8.902	
10,400.00	6,227.00	10,177.00	6,340.57	105.22	113.66	-122.74	5,069.21	4,148.79	1,780.18	1,568.85	211.33	8.424	
10,500.00	6,227.00	10,177.00	6,340.57	105.82	113.66	-122.74	5,069.21	4,148.79	1,680.69	1,469.19	211.50	7.946	
10,600.00	6,227.00	10,177.00	6,340.57	106.43	113.66	-122.74	5,069.21	4,148.79	1,581.27	1,369.58	211.69	7.470	
10,700.00	6,227.00	10,177.00	6,340.57	107.07	113.66	-122.74	5,069.21	4,148.79	1,481.93	1,270.02	211.90	6.993	
10,800.00	6,227.00	10,177.00	6,340.57	107.74	113.66	-122.74	5,069.21	4,148.79	1,382.67	1,170.55	212.13	6.518	
10,900.00	6,227.00	10,177.00	6,340.57	108.42	113.66	-122.74	5,069.21	4,148.79	1,283.54	1,071.16	212.38	6.044	
11,000.00	6,227.00	10,177.00	6,340.57	109.14	113.66	-122.74	5,069.21	4,148.79	1,184.55	971.91	212.65	5.571	
11,100.00	6,227.00	10,177.00	6,340.57	109.87	113.66	-122.74	5,069.21	4,148.79	1,085.75	872.81	212.94	5.099	
11,200.00	6,227.00	10,177.00	6,340.57	110.64	113.66	-122.74	5,069.21	4,148.79	987.18	773.93	213.25	4.629	
11,300.00	6,227.00	10,177.00	6,340.57	111.43	113.66	-122.74	5,069.21	4,148.79	888.94	675.37	213.58	4.162	
11,400.00	6,227.00	10,177.00	6,340.57	112.24	113.66	-122.74	5,069.21	4,148.79	791.14	577.24	213.90	3.699	
11,500.00	6,227.00	10,177.00	6,340.57	113.08	113.66	-122.74	5,069.21	4,148.79	693.97	479.80	214.17	3.240	
11,600.00	6,227.00	10,177.00	6,340.57	113.94	113.66	-122.74	5,069.21	4,148.79	597.73	383.44	214.29	2.789	
11,700.00	6,227.00	10,177.00	6,340.57	114.83	113.66	-122.74	5,069.21	4,148.79	502.95	288.96	213.99	2.350	
11,800.00	6,227.00	10,177.00	6,340.57	115.74	113.66	-122.74	5,069.21	4,148.79	410.67	198.07	212.60	1.932	
11,900.00	6,227.00	10,177.00	6,340.57	116.68	113.66	-122.74	5,069.21	4,148.79	323.01	114.84	208.16	1.552	
12,000.00	6,227.00	10,177.00	6,340.57	117.64	113.66	-122.74	5,069.21	4,148.79	244.99	50.31	194.68	1.258	Level 3
12,100.00	6,227.00	10,177.00	6,340.57	118.63	113.66	-122.74	5,069.21	4,148.79	188.96	32.27	156.69	1.206	Level 2, ES, SF
12,171.58	6,227.00	10,177.00	6,340.57	119.35	113.66	-122.74	5,069.21	4,148.79	174.88	54.44	120.44	1.452	Level 3, CC
12,200.00	6,227.00	10,177.00	6,340.57	119.64	113.66	-122.74	5,069.21	4,148.79	177.17	58.20	118.97	1.489	Level 3
12,300.00	6,227.00	10,177.00	6,340.57	120.68	113.66	-122.74	5,069.21	4,148.79	216.97	75.82	141.15	1.537	
12,400.00	6,227.00	10,177.00	6,340.57	121.74	113.66	-122.74	5,069.21	4,148.79	287.68	125.55	162.14	1.774	
12,500.00	6,227.00	10,177.00	6,340.57	122.82	113.66	-122.74	5,069.21	4,148.79	372.09	196.58	175.51	2.120	
12,600.00	6,227.00	10,177.00	6,340.57	123.92	113.66	-122.74	5,069.21	4,148.79	462.75	279.09	183.66	2.520	
12,700.00	6,227.00	10,177.00	6,340.57	125.04	113.66	-122.74	5,069.21	4,148.79	556.61	367.76	188.86	2.947	
12,800.00	6,227.00	10,177.00	6,340.57	126.19	113.66	-122.74	5,069.21	4,148.79	652.31	459.94	192.37	3.391	
12,900.00	6,227.00	10,177.00	6,340.57	127.35	113.66	-122.74	5,069.21	4,148.79	749.13	554.25	194.88	3.844	
13,000.00	6,227.00	10,177.00	6,340.57	128.54	113.66	-122.74	5,069.21	4,148.79	846.69	649.95	196.73	4.304	
13,100.00	6,227.00	10,177.00	6,340.57	129.74	113.66	-122.74	5,069.21	4,148.79	944.76	746.60	198.16	4.768	
13,200.00	6,227.00	10,177.00	6,340.57	130.97	113.66	-122.74	5,069.21	4,148.79	1,043.19	843.91	199.29	5.235	
13,300.00	6,227.00	10,177.00	6,340.57	132.21	113.66	-122.74	5,069.21	4,148.79	1,141.90	941.70	200.20	5.704	
13,400.00	6,227.00	10,177.00	6,340.57	133.47	113.66	-122.74	5,069.21	4,148.79	1,240.81	1,039.87	200.95	6.175	
13,500.00	6,227.00	10,177.00	6,340.57	134.74	113.66	-122.74	5,069.21	4,148.79	1,339.89	1,138.31	201.58	6.647	
13,600.00	6,227.00	10,177.00	6,340.57	136.03	113.66	-122.74	5,069.21	4,148.79	1,439.09	1,236.98	202.11	7.120	
13,700.00	6,227.00	10,177.00	6,340.57	137.34	113.66	-122.74	5,069.21	4,148.79	1,538.40	1,335.83	202.57	7.594	
13,800.00	6,227.00	10,177.00	6,340.57	138.67	113.66	-122.74	5,069.21	4,148.79	1,637.79	1,434.82	202.98	8.069	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ SI 70 RANCH USX BB25-68HN - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 591-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,900.00	6,227.00	10,177.00	6,340.57	140.00	113.66	-122.74	5,069.21	4,148.79	1,737.25	1,533.92	203.33	8.544	
14,000.00	6,227.00	10,177.00	6,340.57	141.36	113.66	-122.74	5,069.21	4,148.79	1,836.77	1,633.13	203.64	9.020	
14,100.00	6,227.00	10,177.00	6,340.57	142.72	113.66	-122.74	5,069.21	4,148.79	1,936.34	1,732.42	203.92	9.495	
14,200.00	6,227.00	10,177.00	6,340.57	144.10	113.66	-122.74	5,069.21	4,148.79	2,035.95	1,831.78	204.18	9.972	
14,300.00	6,227.00	10,177.00	6,340.57	145.49	113.66	-122.74	5,069.21	4,148.79	2,135.60	1,931.20	204.40	10.448	
14,400.00	6,227.00	10,177.00	6,340.57	146.90	113.66	-122.74	5,069.21	4,148.79	2,235.28	2,030.67	204.61	10.924	
14,500.00	6,227.00	10,177.00	6,340.57	148.31	113.66	-122.74	5,069.21	4,148.79	2,334.99	2,130.18	204.80	11.401	
14,600.00	6,227.00	10,177.00	6,340.57	149.74	113.66	-122.74	5,069.21	4,148.79	2,434.72	2,229.74	204.98	11.878	
14,700.00	6,227.00	10,177.00	6,340.57	151.18	113.66	-122.74	5,069.21	4,148.79	2,534.47	2,329.33	205.14	12.355	
14,800.00	6,227.00	10,177.00	6,340.57	152.62	113.66	-122.74	5,069.21	4,148.79	2,634.24	2,428.95	205.29	12.832	
14,900.00	6,227.00	10,177.00	6,340.57	154.08	113.66	-122.74	5,069.21	4,148.79	2,734.03	2,528.60	205.43	13.309	
15,000.00	6,227.00	10,177.00	6,340.57	155.55	113.66	-122.74	5,069.21	4,148.79	2,833.83	2,628.27	205.56	13.786	
15,100.00	6,227.00	10,177.00	6,340.57	157.03	113.66	-122.74	5,069.21	4,148.79	2,933.65	2,727.96	205.69	14.263	
15,200.00	6,227.00	10,177.00	6,340.57	158.51	113.66	-122.74	5,069.21	4,148.79	3,033.47	2,827.67	205.80	14.740	
15,300.00	6,227.00	10,177.00	6,340.57	160.01	113.66	-122.74	5,069.21	4,148.79	3,133.31	2,927.40	205.91	15.217	
15,400.00	6,227.00	10,177.00	6,340.57	161.51	113.66	-122.74	5,069.21	4,148.79	3,233.16	3,027.14	206.02	15.694	
15,500.00	6,227.00	10,177.00	6,340.57	163.02	113.66	-122.74	5,069.21	4,148.79	3,333.02	3,126.90	206.12	16.171	
15,600.00	6,227.00	10,177.00	6,340.57	164.54	113.66	-122.74	5,069.21	4,148.79	3,432.89	3,226.68	206.21	16.647	
15,700.00	6,227.00	10,177.00	6,340.57	166.06	113.66	-122.74	5,069.21	4,148.79	3,532.76	3,326.46	206.30	17.124	
15,800.00	6,227.00	10,177.00	6,340.57	167.59	113.66	-122.74	5,069.21	4,148.79	3,632.64	3,426.25	206.39	17.601	
15,900.00	6,227.00	10,177.00	6,340.57	169.13	113.66	-122.74	5,069.21	4,148.79	3,732.53	3,526.06	206.47	18.078	
16,000.00	6,227.00	10,177.00	6,340.57	170.68	113.66	-122.74	5,069.21	4,148.79	3,832.42	3,625.87	206.55	18.555	
16,100.00	6,227.00	10,177.00	6,340.57	172.23	113.66	-122.74	5,069.21	4,148.79	3,932.32	3,725.69	206.62	19.031	
16,200.00	6,227.00	10,177.00	6,340.57	173.78	113.66	-122.74	5,069.21	4,148.79	4,032.22	3,825.52	206.70	19.508	
16,300.00	6,227.00	10,177.00	6,340.57	175.35	113.66	-122.74	5,069.21	4,148.79	4,132.13	3,925.36	206.77	19.984	
16,400.00	6,227.00	10,177.00	6,340.57	176.92	113.66	-122.74	5,069.21	4,148.79	4,232.04	4,025.20	206.84	20.461	
16,500.00	6,227.00	10,177.00	6,340.57	178.49	113.66	-122.74	5,069.21	4,148.79	4,331.96	4,125.05	206.91	20.937	
16,600.00	6,227.00	10,177.00	6,340.57	180.07	113.66	-122.74	5,069.21	4,148.79	4,431.88	4,224.91	206.97	21.413	
16,700.00	6,227.00	10,177.00	6,340.57	181.65	113.66	-122.74	5,069.21	4,148.79	4,531.80	4,324.77	207.03	21.889	
16,800.00	6,227.00	10,177.00	6,340.57	183.24	113.66	-122.74	5,069.21	4,148.79	4,631.73	4,424.64	207.10	22.365	
16,900.00	6,227.00	10,177.00	6,340.57	184.84	113.66	-122.74	5,069.21	4,148.79	4,731.66	4,524.51	207.16	22.841	
17,000.00	6,227.00	10,177.00	6,340.57	186.43	113.66	-122.74	5,069.21	4,148.79	4,831.59	4,624.38	207.21	23.317	
17,100.00	6,227.00	10,177.00	6,340.57	188.04	113.66	-122.74	5,069.21	4,148.79	4,931.53	4,724.26	207.27	23.793	
17,200.00	6,227.00	10,177.00	6,340.57	189.64	113.66	-122.74	5,069.21	4,148.79	5,031.47	4,824.14	207.33	24.268	
17,300.00	6,227.00	10,177.00	6,340.57	191.25	113.66	-122.74	5,069.21	4,148.79	5,131.41	4,924.03	207.38	24.744	
17,400.00	6,227.00	10,177.00	6,340.57	192.87	113.66	-122.74	5,069.21	4,148.79	5,231.35	5,023.92	207.44	25.219	
17,500.00	6,227.00	10,177.00	6,340.57	194.48	113.66	-122.74	5,069.21	4,148.79	5,331.30	5,123.81	207.49	25.694	
17,600.00	6,227.00	10,177.00	6,340.57	196.11	113.66	-122.74	5,069.21	4,148.79	5,431.25	5,223.70	207.54	26.169	
17,677.76	6,227.00	10,177.00	6,340.57	197.37	113.66	-122.74	5,069.21	4,148.79	5,508.96	5,301.38	207.58	26.539	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 583-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	19.00	19.00	0.00	0.03	-1.49	5,079.93	-132.07	5,081.64				
100.00	100.00	119.00	119.00	0.27	0.20	-1.49	5,079.93	-132.07	5,081.64	5,081.17	0.47	N/A	
200.00	199.98	218.98	218.98	0.62	0.38	-86.17	5,079.93	-132.07	5,081.53	5,080.53	1.00	5,087.525	
300.00	299.84	318.84	318.84	0.99	0.55	-86.24	5,079.93	-132.07	5,081.18	5,079.65	1.53	3,319.745	
400.00	399.45	418.45	418.45	1.36	0.72	-86.35	5,079.93	-132.07	5,080.62	5,078.54	2.08	2,445.603	
500.00	498.70	517.70	517.70	1.75	0.89	-86.50	5,079.93	-132.07	5,079.85	5,077.21	2.64	1,921.213	
600.00	597.47	593.75	593.75	2.18	1.04	-86.65	5,079.95	-132.05	5,078.98	5,075.77	3.22	1,578.668	
700.00	695.62	660.24	660.24	2.63	1.28	-86.79	5,080.65	-131.68	5,078.82	5,074.91	3.91	1,299.034	
800.00	793.06	763.00	762.98	3.12	1.64	-87.05	5,081.72	-131.05	5,078.63	5,073.86	4.77	1,064.731	
900.00	889.64	864.89	864.87	3.66	2.01	-87.35	5,082.68	-130.41	5,078.26	5,072.59	5.67	895.529	
1,000.00	985.27	955.72	955.70	4.25	2.33	-87.65	5,083.51	-129.84	5,077.86	5,071.28	6.58	771.546	
1,100.00	1,079.82	1,042.90	1,042.87	4.89	2.65	-87.97	5,084.44	-129.33	5,077.63	5,070.10	7.53	674.089	
1,147.23	1,124.06	1,083.70	1,083.67	5.22	2.79	-88.12	5,084.92	-129.10	5,077.60	5,069.59	8.01	634.094	
1,200.00	1,173.17	1,128.98	1,128.94	5.58	2.95	-88.31	5,085.48	-128.86	5,077.64	5,069.10	8.54	594.754	
1,300.00	1,265.21	1,219.05	1,219.01	6.34	3.28	-88.69	5,086.68	-128.36	5,077.92	5,068.30	9.62	527.968	
1,400.00	1,355.84	1,311.18	1,311.12	7.16	3.61	-89.11	5,087.91	-127.64	5,078.43	5,067.66	10.77	471.513	
1,500.00	1,444.94	1,402.00	1,401.93	8.05	3.93	-89.55	5,089.12	-126.71	5,079.23	5,067.25	11.99	423.758	
1,600.00	1,532.39	1,502.22	1,502.13	9.02	4.28	-90.07	5,090.37	-125.59	5,080.35	5,067.05	13.30	382.005	
1,700.00	1,618.11	1,610.04	1,609.95	10.05	4.66	-90.66	5,091.24	-125.09	5,081.61	5,066.90	14.71	345.559	
1,800.00	1,701.97	1,714.47	1,714.38	11.16	5.02	-91.28	5,091.55	-125.42	5,083.10	5,066.93	16.17	314.288	
1,900.00	1,783.88	1,795.61	1,795.51	12.35	5.30	-91.77	5,091.57	-125.99	5,085.11	5,067.47	17.64	288.329	
2,000.00	1,863.74	1,871.66	1,871.57	13.61	5.57	-92.23	5,091.66	-126.35	5,087.96	5,068.81	19.16	265.593	
2,100.00	1,941.45	1,945.95	1,945.85	14.95	5.83	-92.68	5,091.82	-126.51	5,091.76	5,071.01	20.75	245.430	
2,112.50	1,951.01	1,955.11	1,955.01	15.12	5.86	-92.73	5,091.85	-126.52	5,092.30	5,071.35	20.95	243.079	
2,200.00	2,017.79	2,029.73	2,029.72	16.35	6.10	-92.92	5,091.85	2,674.91	5,019.12	4,953.90	65.22	76.959	
2,300.00	2,094.11	2,041.89	2,041.89	17.76	6.48	-129.49	1,641.49	2,759.14	4,926.49	4,859.45	67.04	73.485	
2,400.00	2,170.44	2,041.00	2,041.00	19.17	6.85	-129.45	1,647.45	2,753.82	4,833.42	4,766.10	67.32	71.794	
2,500.00	2,246.76	2,045.50	2,045.50	20.60	7.22	-129.66	1,615.64	2,781.99	4,740.38	4,672.20	68.18	69.530	
2,600.00	2,323.08	2,047.73	2,047.73	22.03	7.60	-129.76	1,601.97	2,794.06	4,647.55	4,578.77	68.78	67.575	
2,700.00	2,399.41	2,051.00	2,051.00	23.47	7.97	-129.99	1,571.02	2,821.35	4,554.98	4,485.37	69.61	65.434	
2,800.00	2,475.73	2,051.00	2,051.00	24.91	8.34	-129.99	1,571.02	2,821.35	4,462.36	4,392.31	70.05	63.703	
2,900.00	2,552.05	2,056.54	2,056.54	26.36	8.71	-130.31	1,531.42	2,855.88	4,369.87	4,298.89	70.98	61.562	
3,000.00	2,628.38	2,060.58	2,060.58	27.80	9.08	-130.55	1,504.77	2,878.62	4,277.20	4,205.46	71.74	59.618	
3,100.00	2,704.70	2,064.01	2,064.01	29.25	9.45	-130.88	1,470.77	2,907.23	4,184.54	4,111.98	72.56	57.668	
3,200.00	2,781.02	2,074.95	2,074.95	30.71	9.82	-131.79	1,392.52	2,969.38	4,091.91	4,018.22	73.69	55.526	
3,300.00	2,857.35	2,085.27	2,085.27	32.16	10.19	-133.00	1,304.11	3,036.99	3,998.37	3,923.60	74.77	53.474	
3,400.00	2,933.67	2,087.78	2,087.78	33.62	10.56	-133.37	1,278.98	3,056.01	3,904.62	3,829.26	75.36	51.811	
3,500.00	3,009.99	2,089.00	2,089.00	35.07	10.93	-133.43	1,274.82	3,059.16	3,811.01	3,735.18	75.83	50.258	
3,600.00	3,086.31	2,089.00	2,089.00	36.53	11.30	-133.43	1,274.82	3,059.16	3,717.72	3,641.43	76.29	48.732	
3,700.00	3,162.64	2,092.23	2,092.23	37.99	11.67	-133.93	1,243.55	3,082.85	3,624.28	3,547.38	76.90	47.131	
3,800.00	3,238.96	2,096.83	2,096.83	39.45	12.04	-134.13	1,231.91	3,091.66	3,531.28	3,453.86	77.42	45.612	
3,900.00	3,315.28	2,099.00	2,099.00	40.91	12.41	-134.72	1,198.32	3,117.13	3,438.77	3,360.78	77.99	44.093	
4,000.00	3,391.61	2,099.00	2,099.00	42.37	12.78	-134.72	1,198.32	3,117.13	3,346.05	3,267.57	78.49	42.632	
4,100.00	3,467.93	2,100.92	2,100.92	43.84	13.15	-134.94	1,186.44	3,126.13	3,253.75	3,174.74	79.01	41.181	
4,200.00	3,544.25	2,105.62	2,105.62	45.30	13.52	-135.81	1,142.05	3,159.75	3,161.44	3,081.92	79.52	39.755	
4,300.00	3,620.58	2,113.72	2,113.72	46.76	13.89	-136.72	1,098.91	3,192.37	3,068.97	2,989.00	79.98	38.372	
4,400.00	3,696.90	2,116.30	2,116.30	48.23	14.26	-137.66	1,056.96	3,224.06	2,976.36	2,895.98	80.38	37.030	
4,500.00	3,773.22	2,119.94	2,119.94	49.69	14.63	-138.18	1,035.70	3,240.11	2,883.83	2,803.04	80.79	35.695	
4,600.00	3,849.55	2,119.00	2,119.00	51.16	15.00	-138.25	1,032.46	3,242.56	2,791.52	2,710.24	81.28	34.346	
4,700.00	3,925.87	2,119.00	2,119.00	52.62	15.37	-138.25	1,032.46	3,242.56	2,699.76	2,617.96	81.80	33.006	
4,800.00	4,002.19	2,119.00	2,119.00	54.09	15.74	-138.25	1,032.46	3,242.56	2,608.60	2,526.26	82.34	31.681	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ SI 70 RANCH USX BB25-96-1HN - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 583-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	
4,900.00	4,078.51	11,197.00	6,355.60	55.56	122.57	-138.25	1,032.46	3,242.56	2,518.11	2,435.20	82.91	30.372	
5,000.00	4,154.84	11,197.00	6,355.60	57.02	122.57	-138.25	1,032.46	3,242.56	2,428.37	2,344.86	83.50	29.081	
5,100.00	4,231.16	11,197.00	6,355.60	58.49	122.57	-138.25	1,032.46	3,242.56	2,339.46	2,255.33	84.12	27.810	
5,200.00	4,307.48	11,197.00	6,355.60	59.96	122.57	-138.25	1,032.46	3,242.56	2,251.48	2,166.71	84.76	26.561	
5,300.00	4,383.81	11,197.00	6,355.60	61.43	122.57	-138.25	1,032.46	3,242.56	2,164.54	2,079.11	85.43	25.336	
5,400.00	4,460.13	11,197.00	6,355.60	62.89	122.57	-138.25	1,032.46	3,242.56	2,078.78	1,992.66	86.12	24.138	
5,500.00	4,536.45	11,197.00	6,355.60	64.36	122.57	-138.25	1,032.46	3,242.56	1,994.35	1,907.52	86.83	22.969	
5,600.00	4,612.78	11,197.00	6,355.60	65.83	122.57	-138.25	1,032.46	3,242.56	1,911.42	1,823.87	87.55	21.832	
5,700.00	4,689.10	11,197.00	6,355.60	67.30	122.57	-138.25	1,032.46	3,242.56	1,830.20	1,741.91	88.28	20.731	
5,800.00	4,765.42	11,197.00	6,355.60	68.77	122.57	-138.25	1,032.46	3,242.56	1,750.92	1,661.90	89.01	19.670	
5,900.00	4,841.75	11,197.00	6,355.60	70.24	122.57	-138.25	1,032.46	3,242.56	1,673.86	1,584.12	89.73	18.653	
6,000.00	4,918.07	11,197.00	6,355.60	71.70	122.57	-138.25	1,032.46	3,242.56	1,599.34	1,508.91	90.43	17.686	
6,100.00	4,994.39	11,197.00	6,355.60	73.17	122.57	-138.25	1,032.46	3,242.56	1,527.74	1,436.65	91.09	16.772	
6,200.00	5,070.72	11,197.00	6,355.60	74.64	122.57	-138.25	1,032.46	3,242.56	1,459.48	1,367.80	91.68	15.919	
6,300.00	5,147.04	11,197.00	6,355.60	76.11	122.57	-138.25	1,032.46	3,242.56	1,395.05	1,302.86	92.20	15.131	
6,400.00	5,223.36	11,197.00	6,355.60	77.58	122.57	-138.25	1,032.46	3,242.56	1,335.02	1,242.41	92.60	14.416	
6,500.00	5,299.68	11,197.00	6,355.60	79.05	122.57	-138.25	1,032.46	3,242.56	1,279.99	1,187.09	92.89	13.779	
6,600.00	5,376.01	11,197.00	6,355.60	80.52	122.57	-138.25	1,032.46	3,242.56	1,230.63	1,137.56	93.07	13.223	
6,700.00	5,452.33	11,197.00	6,355.60	81.99	122.57	-138.25	1,032.46	3,242.56	1,187.67	1,094.51	93.16	12.748	
6,800.00	5,528.65	11,197.00	6,355.60	83.46	122.57	-138.25	1,032.46	3,242.56	1,151.80	1,058.55	93.25	12.351	
6,900.00	5,604.98	11,197.00	6,355.60	84.93	122.57	-138.25	1,032.46	3,242.56	1,123.72	1,030.23	93.49	12.019	
7,000.00	5,681.30	11,197.00	6,355.60	86.40	122.57	-138.25	1,032.46	3,242.56	1,104.01	1,009.94	94.07	11.736	
7,100.00	5,757.62	11,197.00	6,355.60	87.87	122.57	-138.25	1,032.46	3,242.56	1,093.13	997.95	95.18	11.485	
7,169.53	5,810.69	11,197.00	6,355.60	88.89	122.57	-138.25	1,032.46	3,242.56	1,090.91	994.61	96.31	11.328	
7,176.71	5,816.17	11,197.00	6,355.60	89.00	122.57	-138.25	1,032.46	3,242.56	1,090.94	994.50	96.44	11.312	
7,200.00	5,833.92	11,197.00	6,355.60	89.34	122.57	-135.52	1,032.46	3,242.56	1,091.05	994.16	96.89	11.260	
7,250.00	5,871.73	11,197.00	6,355.60	90.07	122.57	-129.83	1,032.46	3,242.56	1,091.03	993.01	98.02	11.131	
7,300.00	5,908.91	11,197.00	6,355.60	90.78	122.57	-124.50	1,032.46	3,242.56	1,090.64	991.26	99.38	10.975	
7,350.00	5,945.18	11,197.00	6,355.60	91.48	122.57	-119.62	1,032.46	3,242.56	1,089.88	988.91	100.97	10.794	
7,400.00	5,980.26	11,197.00	6,355.60	92.14	122.57	-115.25	1,032.46	3,242.56	1,088.77	985.98	102.79	10.592	
7,450.00	6,013.88	11,197.00	6,355.60	92.77	122.57	-111.41	1,032.46	3,242.56	1,087.31	982.51	104.80	10.375	
7,500.00	6,045.79	11,197.00	6,355.60	93.36	122.57	-108.08	1,032.46	3,242.56	1,085.50	978.55	106.95	10.150	
7,550.00	6,075.75	11,197.00	6,355.60	93.90	122.57	-105.24	1,032.46	3,242.56	1,083.37	974.17	109.20	9.921	
7,600.00	6,103.52	11,197.00	6,355.60	94.40	122.57	-102.84	1,032.46	3,242.56	1,080.92	969.42	111.50	9.694	
7,650.00	6,128.89	11,197.00	6,355.60	94.85	122.57	-100.86	1,032.46	3,242.56	1,078.18	964.36	113.82	9.473	
7,700.00	6,151.68	11,197.00	6,355.60	95.25	122.57	-99.25	1,032.46	3,242.56	1,075.15	959.04	116.11	9.260	
7,750.00	6,171.71	11,197.00	6,355.60	95.60	122.57	-97.98	1,032.46	3,242.56	1,071.87	953.51	118.36	9.056	
7,800.00	6,188.82	11,197.00	6,355.60	95.91	122.57	-97.01	1,032.46	3,242.56	1,068.35	947.81	120.54	8.863	
7,850.00	6,202.89	11,197.00	6,355.60	96.16	122.57	-96.33	1,032.46	3,242.56	1,064.61	941.96	122.66	8.680	
7,900.00	6,213.81	11,197.00	6,355.60	96.38	122.57	-95.91	1,032.46	3,242.56	1,060.70	935.99	124.71	8.505	
7,950.00	6,221.49	11,197.00	6,355.60	96.55	122.57	-95.74	1,032.46	3,242.56	1,056.62	929.91	126.72	8.338	
8,000.00	6,225.88	11,197.00	6,355.60	96.69	122.57	-95.80	1,032.46	3,242.56	1,052.42	923.72	128.71	8.177	
8,040.96	6,227.00	11,197.00	6,355.60	96.77	122.57	-96.02	1,032.46	3,242.56	1,048.91	918.56	130.34	8.047	
8,100.00	6,227.00	11,197.00	6,355.60	96.88	122.57	-96.02	1,032.46	3,242.56	1,045.46	912.69	132.76	7.875	
8,131.68	6,227.00	11,197.00	6,355.60	96.94	122.57	-96.02	1,032.46	3,242.56	1,044.98	910.86	134.11	7.792 CC	
8,200.00	6,227.00	11,197.00	6,355.60	97.07	122.57	-96.02	1,032.46	3,242.56	1,047.21	910.07	137.14	7.636 ES	
8,300.00	6,227.00	11,197.00	6,355.60	97.28	122.57	-96.02	1,032.46	3,242.56	1,058.44	916.45	142.00	7.454	
8,400.00	6,227.00	11,197.00	6,355.60	97.49	122.57	-96.02	1,032.46	3,242.56	1,078.87	931.53	147.34	7.322	
8,500.00	6,227.00	11,197.00	6,355.60	97.72	122.57	-96.02	1,032.46	3,242.56	1,107.99	955.04	152.95	7.244	
8,600.00	6,227.00	11,197.00	6,355.60	97.97	122.57	-96.02	1,032.46	3,242.56	1,145.12	986.64	158.48	7.226 SF	
8,700.00	6,227.00	11,197.00	6,355.60	98.23	122.57	-96.02	1,032.46	3,242.56	1,189.52	1,025.90	163.62	7.270	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ SI 70 RANCH USX BB25-96-1HN - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 583-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	
8,800.00	6,227.00	11,197.00	6,355.60	98.50	122.57	-96.02	1,032.46	3,242.56	1,240.41	1,072.23	168.18	7.375	
8,900.00	6,227.00	11,197.00	6,355.60	98.79	122.57	-96.02	1,032.46	3,242.56	1,297.03	1,124.94	172.09	7.537	
9,000.00	6,227.00	11,133.34	6,354.57	99.09	121.13	-95.75	1,083.26	3,204.20	1,357.17	1,185.97	171.20	7.927	
9,100.00	6,227.00	11,054.20	6,352.85	99.41	119.34	-95.42	1,146.37	3,156.48	1,417.44	1,248.19	169.25	8.375	
9,200.00	6,227.00	10,975.61	6,350.48	99.75	117.56	-95.09	1,208.98	3,109.04	1,477.77	1,310.40	167.37	8.829	
9,300.00	6,227.00	10,898.80	6,349.64	100.10	115.83	-94.86	1,270.20	3,062.66	1,538.23	1,372.60	165.63	9.287	
9,400.00	6,227.00	10,818.72	6,350.35	100.47	114.02	-94.70	1,334.05	3,014.34	1,598.76	1,435.02	163.75	9.764	
9,500.00	6,227.00	10,754.66	6,350.65	100.86	112.57	-94.58	1,385.02	2,975.53	1,659.56	1,496.80	162.75	10.197	
9,600.00	6,227.00	10,703.00	6,349.92	101.26	111.40	-94.44	1,425.69	2,943.70	1,721.33	1,558.97	162.36	10.602	
9,700.00	6,227.00	10,650.88	6,349.11	101.68	110.20	-94.30	1,466.24	2,910.96	1,784.30	1,622.45	161.86	11.024	
9,800.00	6,227.00	10,608.00	6,349.03	102.13	109.22	-94.21	1,499.15	2,883.48	1,848.61	1,686.87	161.73	11.430	
9,900.00	6,227.00	10,549.28	6,349.30	102.59	107.86	-94.11	1,543.71	2,845.24	1,913.93	1,753.15	160.79	11.903	
10,000.00	6,227.00	10,489.98	6,349.65	103.07	106.49	-94.01	1,588.29	2,806.13	1,980.06	1,820.27	159.79	12.392	
10,100.00	6,227.00	10,418.00	6,351.11	103.58	104.82	-93.94	1,642.23	2,758.49	2,046.51	1,888.27	158.24	12.933	
10,200.00	6,227.00	10,358.66	6,352.61	104.10	103.44	-93.90	1,686.53	2,719.04	2,113.28	1,956.05	157.23	13.441	
10,300.00	6,227.00	10,287.63	6,353.79	104.65	101.79	-93.82	1,739.29	2,671.49	2,180.46	2,024.71	155.74	14.001	
10,400.00	6,227.00	10,200.46	6,354.86	105.22	99.76	-93.73	1,804.25	2,613.39	2,247.35	2,093.69	153.66	14.626	
10,500.00	6,227.00	10,117.29	6,355.80	105.82	97.84	-93.64	1,866.52	2,558.24	2,313.87	2,162.07	151.79	15.243	
10,600.00	6,227.00	10,042.70	6,356.40	106.43	96.11	-93.56	1,922.42	2,508.87	2,380.28	2,229.99	150.29	15.838	
10,700.00	6,227.00	9,983.12	6,356.73	107.07	94.73	-93.49	1,966.96	2,469.30	2,446.92	2,297.58	149.33	16.386	
10,800.00	6,227.00	9,942.48	6,358.05	107.74	91.49	-93.36	2,072.46	2,376.33	2,513.65	2,367.94	145.72	17.250	
10,900.00	6,227.00	9,771.06	6,359.24	108.42	89.86	-93.31	2,126.91	2,330.11	2,578.62	2,434.13	144.49	17.847	
11,000.00	6,227.00	9,685.45	6,360.76	109.14	87.91	-93.27	2,192.18	2,274.75	2,643.58	2,500.72	142.86	18.505	
11,100.00	6,227.00	9,610.35	6,361.59	109.87	86.19	-93.21	2,249.59	2,226.35	2,708.28	2,566.70	141.58	19.128	
11,200.00	6,227.00	9,505.99	6,359.51	110.64	83.82	-93.05	2,329.28	2,159.01	2,773.07	2,633.56	139.52	19.876	
11,300.00	6,227.00	9,348.30	6,352.72	111.43	80.28	-92.74	2,452.30	2,060.60	2,835.26	2,699.09	136.17	20.821	
11,400.00	6,227.00	9,305.41	6,352.00	112.24	79.32	-92.69	2,485.90	2,033.97	2,897.56	2,761.67	135.89	21.323	
11,500.00	6,227.00	9,257.48	6,352.00	113.08	78.24	-92.66	2,523.12	2,003.76	2,960.79	2,825.33	135.47	21.856	
11,600.00	6,227.00	9,195.15	6,351.77	113.94	76.84	-92.61	2,571.25	1,964.16	3,024.55	2,889.87	134.68	22.457	
11,700.00	6,227.00	9,121.01	6,350.49	114.83	75.18	-92.52	2,628.31	1,916.83	3,088.56	2,954.94	133.63	23.113	
11,800.00	6,227.00	8,987.61	6,347.56	115.74	72.20	-92.37	2,731.52	1,832.39	3,152.20	3,020.87	131.33	24.002	
11,900.00	6,227.00	8,909.87	6,348.58	116.68	70.47	-92.35	2,792.29	1,783.92	3,214.83	3,084.50	130.33	24.667	
12,000.00	6,227.00	8,853.81	6,349.97	117.64	69.23	-92.34	2,836.03	1,748.88	3,277.67	3,147.90	129.77	25.258	
12,100.00	6,227.00	8,799.00	6,350.43	118.63	68.01	-92.32	2,878.48	1,714.22	3,341.15	3,211.93	129.22	25.855	
12,200.00	6,227.00	8,749.92	6,350.38	119.64	66.92	-92.29	2,916.26	1,682.88	3,405.21	3,276.43	128.78	26.443	
12,300.00	6,227.00	8,689.04	6,350.23	120.68	65.57	-92.26	2,962.86	1,643.71	3,469.76	3,341.66	128.10	27.086	
12,400.00	6,227.00	8,597.12	6,349.63	121.74	63.54	-92.19	3,033.33	1,584.70	3,534.18	3,407.28	126.90	27.851	
12,500.00	6,227.00	8,538.62	6,349.42	122.82	62.25	-92.16	3,078.14	1,547.09	3,598.69	3,472.40	126.29	28.495	
12,600.00	6,227.00	8,478.13	6,349.60	123.92	60.91	-92.13	3,124.30	1,507.99	3,663.57	3,537.91	125.66	29.154	
12,700.00	6,227.00	8,415.20	6,349.79	125.04	59.53	-92.11	3,172.16	1,467.13	3,728.75	3,603.75	125.00	29.831	
12,800.00	6,227.00	8,323.30	6,348.99	126.19	57.52	-92.05	3,242.06	1,407.48	3,793.89	3,669.99	123.90	30.620	
12,900.00	6,227.00	8,136.62	6,349.62	127.35	53.49	-91.98	3,385.98	1,288.61	3,857.90	3,736.31	121.59	31.728	
13,000.00	6,227.00	8,038.00	6,348.90	128.54	51.40	-91.92	3,463.13	1,227.19	3,920.41	3,799.81	120.60	32.506	
13,100.00	6,227.00	7,975.62	6,347.62	129.74	50.09	-91.88	3,511.92	1,188.35	3,982.90	3,862.81	120.09	33.166	
13,200.00	6,227.00	7,943.00	6,347.14	130.97	49.40	-91.86	3,537.38	1,167.95	4,045.87	3,925.94	119.92	33.737	
13,300.00	6,227.00	7,891.53	6,346.85	132.21	48.32	-91.83	3,577.26	1,135.43	4,109.42	3,989.88	119.54	34.378	
13,400.00	6,227.00	7,848.00	6,347.19	133.47	47.41	-91.82	3,610.62	1,107.46	4,173.85	4,054.61	119.24	35.004	
13,500.00	6,227.00	7,817.35	6,347.71	134.74	46.77	-91.82	3,633.92	1,087.56	4,238.97	4,119.89	119.08	35.599	
13,600.00	6,227.00	7,776.48	6,348.71	136.03	45.91	-91.82	3,664.81	1,060.81	4,304.72	4,185.92	118.80	36.236	
13,700.00	6,227.00	7,708.85	6,350.51	137.34	44.51	-91.83	3,715.61	1,016.20	4,370.99	4,252.74	118.24	36.966	
13,800.00	6,227.00	7,657.00	6,350.72	138.67	43.43	-91.81	3,754.65	982.09	4,437.14	4,319.28	117.85	37.649	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 583-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,900.00	6,227.00	7,607.73	6,350.59	140.00	42.43	-91.79	3,791.57	949.46	4,503.70	4,386.20	117.50	38.331	
14,000.00	6,227.00	7,562.00	6,350.86	141.36	41.49	-91.78	3,825.42	918.71	4,571.09	4,453.92	117.17	39.011	
14,100.00	6,227.00	7,562.00	6,350.86	142.72	41.49	-91.78	3,825.42	918.71	4,639.14	4,521.87	117.27	39.560	
14,200.00	6,227.00	7,510.08	6,351.33	144.10	40.44	-91.77	3,863.38	883.30	4,707.70	4,590.81	116.89	40.276	
14,300.00	6,227.00	7,467.00	6,351.65	145.49	39.57	-91.76	3,894.52	853.53	4,776.97	4,660.38	116.58	40.976	
14,400.00	6,227.00	7,198.29	6,353.60	146.90	34.39	-91.70	4,092.35	671.75	4,844.90	4,730.19	114.70	42.238	
14,500.00	6,227.00	7,133.19	6,354.79	148.31	33.21	-91.70	4,141.18	628.72	4,911.30	4,796.90	114.40	42.931	
14,600.00	6,227.00	6,680.21	6,342.20	149.74	26.05	-91.39	4,490.33	341.28	4,975.56	4,862.16	113.41	43.873	
14,700.00	6,227.00	6,611.53	6,329.41	151.18	25.17	-91.20	4,543.95	300.41	5,036.20	4,922.74	113.46	44.387	
14,800.00	6,227.00	6,537.00	6,306.88	152.62	24.28	-90.86	4,600.20	257.07	5,097.16	4,983.64	113.52	44.900	
14,900.00	6,227.00	6,489.00	6,288.87	154.08	23.75	-90.60	4,635.36	229.82	5,158.41	5,044.83	113.58	45.417	
15,000.00	6,227.00	6,489.00	6,288.87	155.55	23.75	-90.60	4,635.36	229.82	5,220.57	5,107.00	113.57	45.967	
15,100.00	6,227.00	6,442.00	6,269.58	157.03	23.26	-90.33	4,668.70	202.89	5,283.51	5,169.88	113.63	46.497	
15,200.00	6,227.00	6,400.50	6,251.03	158.51	22.86	-90.07	4,697.34	179.28	5,347.17	5,233.48	113.69	47.032	
15,300.00	6,227.00	6,347.00	6,224.84	160.01	22.37	-89.71	4,733.27	149.53	5,411.27	5,297.48	113.78	47.557	
15,400.00	6,227.00	6,299.00	6,198.41	161.51	21.98	-89.35	4,764.02	123.88	5,475.85	5,361.99	113.87	48.091	
15,500.00	6,227.00	6,299.00	6,198.41	163.02	21.98	-89.35	4,764.02	123.88	5,541.16	5,427.33	113.84	48.676	
15,600.00	6,227.00	6,270.11	6,180.75	164.54	21.76	-89.11	4,781.43	109.06	5,607.19	5,493.33	113.87	49.244	
15,700.00	6,227.00	6,252.00	6,169.06	166.06	21.62	-88.95	4,791.82	99.93	5,674.15	5,560.29	113.86	49.834	
15,800.00	6,227.00	6,252.00	6,169.06	167.59	21.62	-88.95	4,791.82	99.93	5,741.95	5,628.12	113.82	50.446	
15,900.00	6,227.00	6,223.45	6,149.89	169.13	21.43	-88.69	4,807.52	85.75	5,810.45	5,696.61	113.83	51.043	
16,000.00	6,227.00	6,204.00	6,136.40	170.68	21.29	-88.51	4,817.80	76.24	5,879.74	5,765.92	113.82	51.657	
16,100.00	6,227.00	6,184.65	6,122.65	172.23	21.17	-88.33	4,827.73	66.93	5,949.74	5,835.93	113.81	52.278	
16,200.00	6,227.00	6,157.00	6,102.46	173.78	21.00	-88.06	4,841.45	53.94	6,020.39	5,906.58	113.80	52.902	
16,300.00	6,227.00	6,138.64	6,088.66	175.35	20.89	-87.88	4,850.21	45.57	6,091.67	5,977.89	113.78	53.538	
16,400.00	6,227.00	6,109.00	6,065.64	176.92	20.72	-87.58	4,863.64	32.61	6,163.60	6,049.84	113.76	54.179	
16,500.00	6,227.00	6,092.37	6,052.36	178.49	20.63	-87.40	4,870.81	25.65	6,236.13	6,122.40	113.73	54.833	
16,600.00	6,227.00	6,044.39	6,012.54	180.07	20.38	-86.88	4,890.06	7.11	6,309.21	6,195.51	113.70	55.492	
16,700.00	6,227.00	5,968.21	5,946.33	181.65	20.02	-86.03	4,917.60	-18.45	6,382.63	6,269.01	113.62	56.175	
16,800.00	6,227.00	5,966.00	5,944.34	183.24	20.01	-86.00	4,918.33	-19.10	6,456.53	6,342.96	113.57	56.851	
16,900.00	6,227.00	5,947.77	5,927.90	184.84	19.93	-85.79	4,924.18	-24.36	6,531.03	6,417.53	113.50	57.542	
17,000.00	6,227.00	5,939.18	5,920.10	186.43	19.89	-85.69	4,926.83	-26.79	6,606.18	6,492.74	113.44	58.235	
17,100.00	6,227.00	5,918.00	5,900.71	188.04	19.80	-85.44	4,933.07	-32.62	6,682.00	6,568.64	113.36	58.945	
17,200.00	6,227.00	5,895.30	5,879.59	189.64	19.70	-85.17	4,939.25	-38.16	6,758.29	6,645.02	113.27	59.666	
17,300.00	6,227.00	5,844.27	5,831.73	191.25	19.49	-84.55	4,952.59	-49.74	6,834.99	6,721.88	113.12	60.425	
17,400.00	6,227.00	5,823.00	5,811.50	192.87	19.40	-84.30	4,957.64	-53.92	6,912.22	6,799.21	113.01	61.163	
17,500.00	6,227.00	5,775.00	5,765.36	194.48	19.21	-83.71	4,968.11	-62.00	6,989.92	6,877.09	112.82	61.954	
17,600.00	6,227.00	5,775.00	5,765.36	196.11	19.21	-83.71	4,968.11	-62.00	7,068.08	6,955.31	112.78	62.673	
17,677.76	6,227.00	5,759.39	5,750.20	197.37	19.15	-83.51	4,971.16	-64.14	7,129.19	7,016.50	112.69	63.265	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 11-36-1XRCL - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 218-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	0.57	139.89	1.39	140.19				
100.00	100.00	90.36	90.36	0.27	0.15	0.70	140.09	1.72	140.11	139.69	0.42	334.336 CC	
200.00	199.98	189.65	189.64	0.62	0.32	-84.21	140.78	2.82	140.63	139.70	0.94	150.039	
300.00	299.84	290.48	290.45	0.99	0.62	-85.72	141.57	4.34	140.95	139.34	1.60	87.872	
391.55	391.05	381.71	381.68	1.33	0.95	-88.55	141.73	5.21	140.68	138.40	2.27	61.859	
400.00	399.45	390.08	390.05	1.36	0.98	-88.87	141.76	5.28	140.68	138.34	2.34	60.228	
500.00	498.70	490.09	490.06	1.75	1.33	-93.53	141.93	5.99	141.03	137.94	3.09	45.677 ES	
600.00	597.47	587.97	587.93	2.18	1.68	-99.42	142.13	6.49	142.92	139.06	3.86	37.070	
700.00	695.62	685.56	685.51	2.63	2.03	-105.94	143.06	7.70	147.72	143.07	4.65	31.797	
800.00	793.06	780.98	780.90	3.12	2.37	-112.62	145.24	9.10	156.80	151.36	5.44	28.799	
900.00	889.64	876.03	875.87	3.66	2.71	-119.13	148.83	10.45	170.93	164.68	6.25	27.353	
1,000.00	985.27	970.19	969.85	4.25	3.05	-124.81	154.27	12.37	190.20	183.14	7.06	26.954 SF	
1,100.00	1,079.82	1,064.32	1,063.60	4.89	3.40	-129.34	162.04	15.68	214.01	206.13	7.88	27.164	
1,200.00	1,173.17	1,157.00	1,155.62	5.58	3.74	-132.77	172.02	20.21	241.90	233.19	8.71	27.764	
1,300.00	1,265.21	1,250.21	1,248.10	6.34	4.10	-135.83	182.81	24.62	273.62	264.05	9.56	28.609	
1,400.00	1,355.84	1,339.27	1,336.45	7.16	4.45	-138.48	193.41	28.28	309.22	298.83	10.40	29.744	
1,500.00	1,444.94	1,424.82	1,421.32	8.05	4.78	-140.79	203.92	30.86	349.09	337.88	11.21	31.147	
1,600.00	1,532.39	1,513.36	1,509.20	9.02	5.12	-143.04	214.58	32.63	392.89	380.85	12.04	32.630	
1,700.00	1,618.11	1,601.37	1,596.75	10.05	5.46	-145.27	223.43	33.82	439.66	426.80	12.86	34.188	
1,800.00	1,701.97	1,686.85	1,681.90	11.16	5.79	-147.33	230.86	34.70	489.51	475.86	13.65	35.856	
1,900.00	1,783.88	1,788.00	1,782.58	12.35	6.17	-149.45	239.84	37.90	540.98	526.41	14.57	37.121	
2,000.00	1,863.74	1,870.75	1,864.87	13.61	6.50	-150.78	247.57	42.09	594.23	578.85	15.38	38.636	
2,100.00	1,941.45	1,941.71	1,935.41	14.95	6.77	-151.68	254.68	45.19	651.19	635.09	16.11	40.433	
2,112.50	1,951.01	1,951.00	1,944.63	15.12	6.81	-151.79	255.67	45.54	658.60	642.40	16.20	40.646	
2,200.00	2,017.79	2,017.70	2,010.94	16.35	7.07	-153.14	262.53	47.76	710.91	694.05	16.87	42.153	
2,300.00	2,094.11	2,105.24	2,098.03	17.76	7.41	-154.70	270.91	50.80	770.77	753.06	17.71	43.533	
2,400.00	2,170.44	2,190.17	2,182.48	19.17	7.75	-155.97	279.01	54.79	829.91	811.38	18.53	44.795	
2,500.00	2,246.76	2,266.56	2,258.47	20.60	8.04	-156.99	285.85	58.41	889.14	869.86	19.28	46.127	
2,600.00	2,323.08	2,344.30	2,335.81	22.03	8.35	-157.91	292.97	61.73	948.93	928.89	20.04	47.360	
2,700.00	2,399.41	2,427.68	2,418.72	23.47	8.67	-158.74	300.98	65.55	1,008.70	987.86	20.85	48.384	
2,800.00	2,475.73	2,509.23	2,499.84	24.91	8.99	-159.49	308.39	69.57	1,068.24	1,046.60	21.64	49.357	
2,900.00	2,552.05	2,581.24	2,571.37	26.36	9.28	-160.02	315.82	73.12	1,128.06	1,105.69	22.37	50.429	
3,000.00	2,628.38	2,641.33	2,631.10	27.80	9.52	-160.45	321.97	75.30	1,188.96	1,165.97	22.99	51.723	
3,100.00	2,704.70	2,751.90	2,741.10	29.25	9.95	-161.20	332.28	79.57	1,249.64	1,225.61	24.03	51.997	
3,200.00	2,781.02	2,818.69	2,807.54	30.71	10.21	-161.61	338.35	82.72	1,309.66	1,284.96	24.70	53.013	
3,300.00	2,857.35	2,897.96	2,886.40	32.16	10.52	-162.05	345.71	86.02	1,370.20	1,344.71	25.48	53.767	
3,400.00	2,933.67	2,980.56	2,968.57	33.62	10.84	-162.48	353.36	89.62	1,430.62	1,404.33	26.29	54.412	
3,500.00	3,009.99	3,057.40	3,045.03	35.07	11.14	-162.85	360.23	93.01	1,491.01	1,463.96	27.05	55.121	
3,600.00	3,086.31	3,120.35	3,107.65	36.53	11.39	-163.13	366.04	95.53	1,551.83	1,524.14	27.68	56.055	
3,700.00	3,162.64	3,183.00	3,170.11	37.99	11.63	-163.44	370.78	96.76	1,613.97	1,585.67	28.30	57.033	
3,800.00	3,238.96	3,261.60	3,248.61	39.45	11.91	-163.91	374.52	97.65	1,676.62	1,647.60	29.02	57.780	
3,900.00	3,315.28	3,325.07	3,312.05	40.91	12.13	-164.32	376.18	98.39	1,739.12	1,709.53	29.59	58.773	
4,000.00	3,391.61	3,386.88	3,373.85	42.37	12.34	-164.71	377.52	98.46	1,802.42	1,772.29	30.14	59.806	
4,100.00	3,467.93	3,460.02	3,446.98	43.84	12.58	-165.21	377.41	97.87	1,866.33	1,835.58	30.75	60.688	
4,200.00	3,544.25	3,562.89	3,549.85	45.30	12.90	-165.89	376.50	98.40	1,929.12	1,897.53	31.59	61.068	
4,300.00	3,620.58	3,621.00	3,607.96	46.76	13.08	-166.24	376.28	98.45	1,992.48	1,960.39	32.09	62.091	
4,400.00	3,696.90	3,693.84	3,680.79	48.23	13.32	-166.65	376.27	98.14	2,056.35	2,023.64	32.71	62.868	
4,500.00	3,773.22	3,777.22	3,764.17	49.69	13.59	-167.08	376.40	97.99	2,120.11	2,086.68	33.42	63.429	
4,600.00	3,849.55	3,858.72	3,845.68	51.16	13.87	-167.48	376.50	98.10	2,183.68	2,149.55	34.13	63.981	
4,700.00	3,925.87	3,932.97	3,919.93	52.62	14.11	-167.82	376.39	98.27	2,247.23	2,212.46	34.77	64.628	
4,800.00	4,002.19	4,005.36	3,992.32	54.09	14.34	-168.15	376.20	98.28	2,310.98	2,275.58	35.40	65.290	

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

Civitas Resources

Anticollision Report

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Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 11-36-1XRCL - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 218-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	
4,900.00	4,078.51	4,082.36	4,069.31	55.56	14.59	-168.47	376.14	98.22	2,374.86	2,338.80	36.06	65.856	
5,000.00	4,154.84	4,168.58	4,155.53	57.02	14.88	-168.80	376.41	98.42	2,438.56	2,401.74	36.82	66.237	
5,100.00	4,231.16	4,249.17	4,236.12	58.49	15.15	-169.09	376.56	98.84	2,502.06	2,464.54	37.53	66.671	
5,200.00	4,307.48	4,322.00	4,308.95	59.96	15.40	-169.35	376.62	99.16	2,565.66	2,527.49	38.18	67.203	
5,300.00	4,383.81	4,392.94	4,379.89	61.43	15.64	-169.59	376.67	99.35	2,629.44	2,590.62	38.81	67.745	
5,400.00	4,460.13	4,467.84	4,454.79	62.89	15.90	-169.83	376.70	99.46	2,693.32	2,653.83	39.48	68.216	
5,500.00	4,536.45	4,539.90	4,526.85	64.36	16.14	-170.05	376.74	99.53	2,757.28	2,717.15	40.13	68.710	
5,600.00	4,612.78	4,613.30	4,600.25	65.83	16.39	-170.26	377.05	99.45	2,821.42	2,780.63	40.79	69.168	
5,700.00	4,689.10	4,692.48	4,679.43	67.30	16.66	-170.48	377.23	99.41	2,885.54	2,844.04	41.50	69.527	
5,800.00	4,765.42	4,767.22	4,754.17	68.77	16.92	-170.68	377.34	99.38	2,949.68	2,907.51	42.18	69.936	
5,900.00	4,841.75	4,841.60	4,828.55	70.24	17.17	-170.87	377.44	99.30	3,013.89	2,971.04	42.85	70.341	
6,000.00	4,918.07	4,919.93	4,906.87	71.70	17.43	-171.06	377.53	99.22	3,078.12	3,034.56	43.55	70.677	
6,100.00	4,994.39	4,997.54	4,984.49	73.17	17.70	-171.24	377.65	99.18	3,142.31	3,098.06	44.26	71.004	
6,200.00	5,070.72	5,078.17	5,065.12	74.64	17.98	-171.43	377.75	99.20	3,206.48	3,161.49	44.99	71.278	
6,300.00	5,147.04	5,157.90	5,144.85	76.11	18.25	-171.60	377.77	99.34	3,270.54	3,224.83	45.71	71.553	
6,400.00	5,223.36	5,231.97	5,218.92	77.58	18.50	-171.76	377.74	99.49	3,334.60	3,288.22	46.38	71.898	
6,500.00	5,299.68	5,300.82	5,287.77	79.05	18.73	-171.90	377.62	99.51	3,398.80	3,351.80	47.00	72.308	
6,600.00	5,376.01	5,366.54	5,353.49	80.52	18.95	-172.03	377.67	99.36	3,463.22	3,415.62	47.60	72.749	
6,700.00	5,452.33	5,469.34	5,456.29	81.99	19.30	-172.21	378.21	99.28	3,527.56	3,479.03	48.53	72.686	
6,800.00	5,528.65	5,541.59	5,528.54	83.46	19.55	-172.34	378.50	99.49	3,591.61	3,542.41	49.20	72.998	
6,900.00	5,604.98	5,615.42	5,602.37	84.93	19.81	-172.47	378.57	99.65	3,655.73	3,605.84	49.88	73.287	
7,000.00	5,681.30	5,689.56	5,676.50	86.40	20.06	-172.59	378.61	99.75	3,719.91	3,669.34	50.57	73.563	
7,100.00	5,757.62	5,763.93	5,750.88	87.87	20.32	-172.71	378.68	99.82	3,784.14	3,732.89	51.26	73.828	
7,176.71	5,816.17	5,821.04	5,807.98	89.00	20.52	-172.80	378.74	99.84	3,833.45	3,781.67	51.79	74.026	
7,200.00	5,833.92	5,838.28	5,825.23	89.34	20.58	-168.17	378.74	99.84	3,848.41	3,796.46	51.94	74.088	
7,250.00	5,871.73	5,874.98	5,861.92	90.07	20.70	-158.50	378.64	99.84	3,880.29	3,828.01	52.28	74.223	
7,300.00	5,908.91	5,903.00	5,889.94	90.78	20.80	-149.33	378.49	99.83	3,911.69	3,859.15	52.54	74.455	
7,350.00	5,945.18	5,939.03	5,925.96	91.48	20.91	-140.89	377.41	99.78	3,942.43	3,889.58	52.85	74.601	
7,400.00	5,980.26	5,965.93	5,952.79	92.14	20.99	-133.14	375.52	99.71	3,972.37	3,919.30	53.07	74.851	
7,450.00	6,013.88	5,991.00	5,977.72	92.77	21.07	-126.15	372.93	99.60	4,001.33	3,948.07	53.27	75.118	
7,500.00	6,045.79	6,012.61	5,999.14	93.36	21.13	-119.89	370.08	99.49	4,029.18	3,975.76	53.42	75.424	
7,550.00	6,075.75	6,031.91	6,018.21	93.90	21.19	-114.33	367.07	99.38	4,055.76	4,002.22	53.55	75.744	
7,600.00	6,103.52	6,047.92	6,033.97	94.40	21.23	-109.41	364.24	99.28	4,080.96	4,027.32	53.64	76.087	
7,650.00	6,128.89	6,060.74	6,046.54	94.85	21.27	-105.10	361.76	99.19	4,104.64	4,050.94	53.69	76.446	
7,700.00	6,151.68	6,080.00	6,065.36	95.25	21.33	-101.47	357.68	99.05	4,126.70	4,072.91	53.79	76.715	
7,750.00	6,171.71	6,080.00	6,065.36	95.60	21.33	-98.11	357.68	99.05	4,146.99	4,093.24	53.75	77.160	
7,800.00	6,188.82	6,080.00	6,065.36	95.91	21.33	-95.27	357.68	99.05	4,165.44	4,111.74	53.70	77.572	
7,850.00	6,202.89	6,080.00	6,065.36	96.16	21.33	-92.91	357.68	99.05	4,181.92	4,128.27	53.65	77.944	
7,900.00	6,213.81	6,080.00	6,065.36	96.38	21.33	-91.00	357.68	99.05	4,196.35	4,142.74	53.62	78.263	
7,950.00	6,221.49	6,080.00	6,065.36	96.55	21.33	-89.53	357.68	99.05	4,208.64	4,155.04	53.60	78.520	
8,000.00	6,225.88	6,080.00	6,065.36	96.69	21.33	-88.47	357.68	99.05	4,218.70	4,165.09	53.60	78.701	
8,040.96	6,227.00	6,080.00	6,065.36	96.77	21.33	-87.91	357.68	99.05	4,225.24	4,171.61	53.63	78.787	
8,100.00	6,227.00	6,080.00	6,065.36	96.88	21.33	-87.91	357.68	99.05	4,233.96	4,180.26	53.70	78.845	
8,200.00	6,227.00	6,056.30	6,042.19	97.07	21.26	-87.59	362.64	99.22	4,250.42	4,196.73	53.69	79.164	
8,300.00	6,227.00	6,047.15	6,033.21	97.28	21.23	-87.47	364.38	99.28	4,269.16	4,215.27	53.89	79.214	
8,400.00	6,227.00	6,038.96	6,025.15	97.49	21.21	-87.36	365.86	99.33	4,290.11	4,235.92	54.19	79.170	
8,500.00	6,227.00	6,031.57	6,017.87	97.72	21.19	-87.26	367.13	99.38	4,313.25	4,258.68	54.57	79.042	
8,600.00	6,227.00	6,024.87	6,011.26	97.97	21.17	-87.17	368.22	99.42	4,338.54	4,283.51	55.03	78.844	
8,700.00	6,227.00	6,018.77	6,005.24	98.23	21.15	-87.09	369.17	99.45	4,365.95	4,310.40	55.56	78.587	
8,800.00	6,227.00	5,991.00	5,977.72	98.50	21.07	-86.71	372.93	99.60	4,395.60	4,339.67	55.93	78.585	
8,900.00	6,227.00	5,991.00	5,977.72	98.79	21.07	-86.71	372.93	99.60	4,427.09	4,370.46	56.63	78.176	

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

Civitas Resources

Anticollision Report

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Reference		Offset		Semi Major Axis			Distance						Warning
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9,000.00	6,227.00	5,991.00	5,977.72	99.09	21.07	-86.71	372.93	99.60	4,460.59	4,403.22	57.37	77.753	
9,100.00	6,227.00	5,991.00	5,977.72	99.41	21.07	-86.71	372.93	99.60	4,496.07	4,437.92	58.14	77.326	
9,200.00	6,227.00	5,991.00	5,977.72	99.75	21.07	-86.71	372.93	99.60	4,533.48	4,474.53	58.95	76.904	
9,300.00	6,227.00	5,991.00	5,977.72	100.10	21.07	-86.71	372.93	99.60	4,572.76	4,512.99	59.78	76.495	
9,400.00	6,227.00	5,991.00	5,977.72	100.47	21.07	-86.71	372.93	99.60	4,613.89	4,553.26	60.63	76.104	
9,500.00	6,227.00	5,991.00	5,977.72	100.86	21.07	-86.71	372.93	99.60	4,656.79	4,595.31	61.49	75.737	
9,600.00	6,227.00	5,991.00	5,977.72	101.26	21.07	-86.71	372.93	99.60	4,701.43	4,639.08	62.35	75.399	
9,700.00	6,227.00	5,991.00	5,977.72	101.68	21.07	-86.71	372.93	99.60	4,747.76	4,684.54	63.23	75.092	
9,800.00	6,227.00	5,991.00	5,977.72	102.13	21.07	-86.71	372.93	99.60	4,795.73	4,731.63	64.10	74.818	
9,900.00	6,227.00	5,991.00	5,977.72	102.59	21.07	-86.71	372.93	99.60	4,845.28	4,780.32	64.97	74.578	
10,000.00	6,227.00	5,991.00	5,977.72	103.07	21.07	-86.71	372.93	99.60	4,896.38	4,830.55	65.83	74.375	
10,100.00	6,227.00	5,991.00	5,977.72	103.58	21.07	-86.71	372.93	99.60	4,948.97	4,882.28	66.69	74.208	
10,200.00	6,227.00	5,991.00	5,977.72	104.10	21.07	-86.71	372.93	99.60	5,003.01	4,935.47	67.54	74.078	
10,300.00	6,227.00	5,991.00	5,977.72	104.65	21.07	-86.71	372.93	99.60	5,058.44	4,990.07	68.37	73.983	
10,400.00	6,227.00	5,991.00	5,977.72	105.22	21.07	-86.71	372.93	99.60	5,115.23	5,046.04	69.20	73.925	
10,500.00	6,227.00	5,991.00	5,977.72	105.82	21.07	-86.71	372.93	99.60	5,173.33	5,103.33	70.00	73.901	
10,600.00	6,227.00	5,991.00	5,977.72	106.43	21.07	-86.71	372.93	99.60	5,232.70	5,161.90	70.80	73.911	
10,700.00	6,227.00	5,991.00	5,977.72	107.07	21.07	-86.71	372.93	99.60	5,293.29	5,221.72	71.57	73.955	
10,800.00	6,227.00	5,991.00	5,977.72	107.74	21.07	-86.71	372.93	99.60	5,355.06	5,282.73	72.34	74.031	
10,900.00	6,227.00	5,991.00	5,977.72	108.42	21.07	-86.71	372.93	99.60	5,417.98	5,344.90	73.08	74.138	
11,000.00	6,227.00	5,991.00	5,977.72	109.14	21.07	-86.71	372.93	99.60	5,481.99	5,408.19	73.81	74.275	
11,100.00	6,227.00	5,954.48	5,941.38	109.87	20.96	-86.21	376.43	99.74	5,546.37	5,472.14	74.23	74.719	
11,200.00	6,227.00	5,953.27	5,940.16	110.64	20.95	-86.20	376.52	99.75	5,612.42	5,537.50	74.92	74.916	
11,300.00	6,227.00	5,952.10	5,939.00	111.43	20.95	-86.18	376.60	99.75	5,679.46	5,603.88	75.59	75.139	
11,400.00	6,227.00	5,950.98	5,937.89	112.24	20.95	-86.17	376.68	99.75	5,747.46	5,671.22	76.24	75.388	
11,500.00	6,227.00	5,949.91	5,936.82	113.08	20.94	-86.15	376.75	99.76	5,816.39	5,739.51	76.87	75.661	
11,600.00	6,227.00	5,948.88	5,935.79	113.94	20.94	-86.14	376.82	99.76	5,886.20	5,808.71	77.49	75.957	
11,700.00	6,227.00	5,947.89	5,934.80	114.83	20.94	-86.12	376.89	99.76	5,956.87	5,878.77	78.10	76.276	
11,800.00	6,227.00	5,946.94	5,933.85	115.74	20.93	-86.11	376.95	99.76	6,028.37	5,949.69	78.68	76.616	
11,900.00	6,227.00	5,946.02	5,932.93	116.68	20.93	-86.10	377.00	99.77	6,100.68	6,021.42	79.25	76.976	
12,000.00	6,227.00	5,945.13	5,932.05	117.64	20.93	-86.09	377.06	99.77	6,173.75	6,093.94	79.81	77.356	
12,100.00	6,227.00	5,944.28	5,931.20	118.63	20.93	-86.07	377.11	99.77	6,247.57	6,167.22	80.35	77.755	
12,200.00	6,227.00	5,943.46	5,930.37	119.64	20.92	-86.06	377.16	99.77	6,322.11	6,241.23	80.87	78.171	
12,300.00	6,227.00	5,942.66	5,929.58	120.68	20.92	-86.05	377.21	99.78	6,397.34	6,315.96	81.39	78.605	
12,400.00	6,227.00	5,941.89	5,928.81	121.74	20.92	-86.04	377.25	99.78	6,473.24	6,391.36	81.88	79.055	
12,500.00	6,227.00	5,903.00	5,889.94	122.82	20.80	-85.51	378.49	99.83	6,550.64	6,468.53	82.11	79.778	
12,600.00	6,227.00	5,903.00	5,889.94	123.92	20.80	-85.51	378.49	99.83	6,627.79	6,545.20	82.59	80.252	
12,700.00	6,227.00	5,903.00	5,889.94	125.04	20.80	-85.51	378.49	99.83	6,705.54	6,622.49	83.05	80.740	
12,800.00	6,227.00	5,903.00	5,889.94	126.19	20.80	-85.51	378.49	99.83	6,783.87	6,700.37	83.50	81.243	
12,900.00	6,227.00	5,903.00	5,889.94	127.35	20.80	-85.51	378.49	99.83	6,862.76	6,778.83	83.94	81.759	
13,000.00	6,227.00	5,903.00	5,889.94	128.54	20.80	-85.51	378.49	99.83	6,942.20	6,857.84	84.36	82.288	
13,100.00	6,227.00	5,903.00	5,889.94	129.74	20.80	-85.51	378.49	99.83	7,022.17	6,937.39	84.78	82.830	
13,200.00	6,227.00	5,903.00	5,889.94	130.97	20.80	-85.51	378.49	99.83	7,102.64	7,017.46	85.18	83.383	
13,300.00	6,227.00	5,903.00	5,889.94	132.21	20.80	-85.51	378.49	99.83	7,183.60	7,098.03	85.57	83.947	
13,400.00	6,227.00	5,903.00	5,889.94	133.47	20.80	-85.51	378.49	99.83	7,265.04	7,179.09	85.95	84.523	
13,500.00	6,227.00	5,903.00	5,889.94	134.74	20.80	-85.51	378.49	99.83	7,346.94	7,260.61	86.32	85.108	
13,600.00	6,227.00	5,903.00	5,889.94	136.03	20.80	-85.51	378.49	99.83	7,429.27	7,342.59	86.69	85.704	
13,700.00	6,227.00	5,903.00	5,889.94	137.34	20.80	-85.51	378.49	99.83	7,512.04	7,425.01	87.04	86.309	
13,800.00	6,227.00	5,903.00	5,889.94	138.67	20.80	-85.51	378.49	99.83	7,595.22	7,507.85	87.38	86.924	
13,900.00	6,227.00	5,903.00	5,889.94	140.00	20.80	-85.51	378.49	99.83	7,678.81	7,591.10	87.71	87.547	
14,000.00	6,227.00	5,903.00	5,889.94	141.36	20.80	-85.51	378.49	99.83	7,762.78	7,674.75	88.04	88.178	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 11-36-1XRLC - OWB - FINAL SURVEY				Offset Site Error:		0.00 usft
Survey Program: 218-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				
14,100.00	6,227.00	5,903.00	5,889.94	142.72	20.80	-85.51	378.49	99.83	7,847.13	7,758.78	88.35	88.818				
14,200.00	6,227.00	5,903.00	5,889.94	144.10	20.80	-85.51	378.49	99.83	7,931.84	7,843.18	88.66	89.465				
14,300.00	6,227.00	5,903.00	5,889.94	145.49	20.80	-85.51	378.49	99.83	8,016.90	7,927.94	88.96	90.120				
14,400.00	6,227.00	5,903.00	5,889.94	146.90	20.80	-85.51	378.49	99.83	8,102.31	8,013.06	89.25	90.782				
14,500.00	6,227.00	5,903.00	5,889.94	148.31	20.80	-85.51	378.49	99.83	8,188.04	8,098.51	89.54	91.450				
14,600.00	6,227.00	5,903.00	5,889.94	149.74	20.80	-85.51	378.49	99.83	8,274.10	8,184.28	89.81	92.125				
14,700.00	6,227.00	5,903.00	5,889.94	151.18	20.80	-85.51	378.49	99.83	8,360.46	8,270.38	90.08	92.807				
14,800.00	6,227.00	5,903.00	5,889.94	152.62	20.80	-85.51	378.49	99.83	8,447.13	8,356.78	90.35	93.494				
14,900.00	6,227.00	5,903.00	5,889.94	154.08	20.80	-85.51	378.49	99.83	8,534.09	8,443.48	90.61	94.188				
15,000.00	6,227.00	5,903.00	5,889.94	155.55	20.80	-85.51	378.49	99.83	8,621.33	8,530.47	90.86	94.886				
15,100.00	6,227.00	5,903.00	5,889.94	157.03	20.80	-85.51	378.49	99.83	8,708.85	8,617.74	91.11	95.591				
15,200.00	6,227.00	5,903.00	5,889.94	158.51	20.80	-85.51	378.49	99.83	8,796.63	8,705.28	91.35	96.300				
15,300.00	6,227.00	5,903.00	5,889.94	160.01	20.80	-85.51	378.49	99.83	8,884.67	8,793.09	91.58	97.014				
15,400.00	6,227.00	5,903.00	5,889.94	161.51	20.80	-85.51	378.49	99.83	8,972.96	8,881.15	91.81	97.733				
15,500.00	6,227.00	5,903.00	5,889.94	163.02	20.80	-85.51	378.49	99.83	9,061.49	8,969.46	92.04	98.457				
15,600.00	6,227.00	5,903.00	5,889.94	164.54	20.80	-85.51	378.49	99.83	9,150.26	9,058.01	92.25	99.185				
15,700.00	6,227.00	5,903.00	5,889.94	166.06	20.80	-85.51	378.49	99.83	9,239.26	9,146.79	92.47	99.917				
15,800.00	6,227.00	5,903.00	5,889.94	167.59	20.80	-85.51	378.49	99.83	9,328.48	9,235.80	92.68	100.653				
15,900.00	6,227.00	5,903.00	5,889.94	169.13	20.80	-85.51	378.49	99.83	9,417.92	9,325.04	92.88	101.393				
16,000.00	6,227.00	5,903.00	5,889.94	170.68	20.80	-85.51	378.49	99.83	9,507.57	9,414.48	93.09	102.137				
16,100.00	6,227.00	5,903.00	5,889.94	172.23	20.80	-85.51	378.49	99.83	9,597.42	9,504.14	93.28	102.885				
16,200.00	6,227.00	5,903.00	5,889.94	173.78	20.80	-85.51	378.49	99.83	9,687.48	9,594.00	93.48	103.636				
16,300.00	6,227.00	5,903.00	5,889.94	175.35	20.80	-85.51	378.49	99.83	9,777.72	9,684.06	93.67	104.390				
16,400.00	6,227.00	5,903.00	5,889.94	176.92	20.80	-85.51	378.49	99.83	9,868.16	9,774.31	93.85	105.147				
16,500.00	6,227.00	5,903.00	5,889.94	178.49	20.80	-85.51	378.49	99.83	9,958.77	9,864.74	94.03	105.908				
16,600.00	6,227.00	5,903.00	5,889.94	180.07	20.80	-85.51	378.49	99.83	10,049.57	9,955.36	94.21	106.671				

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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
SEC 36-T5N-R63W - EXIST HZ STATE NORTH PLATTE 11-36-1XRLNB - OWB - FINAL SURVEY												Offset Well Error:	0.00 usft
Survey Program: 528-MWD OWSG													
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		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)					
0.00	0.00	0.00	0.00	0.00	0.00	-48.47	107.10	-120.95	161.80				
100.00	100.00	91.15	91.15	0.27	0.16	-48.45	107.12	-120.87	161.51	161.08	0.43	378.234	
104.45	104.45	95.61	95.61	0.28	0.17	-133.11	107.12	-120.86	161.51	161.06	0.45	358.499 CC, ES	
200.00	199.98	191.31	191.31	0.62	0.33	-133.47	107.19	-120.61	162.56	161.60	0.95	170.284	
300.00	299.84	291.36	291.36	0.99	0.51	-134.60	107.31	-120.17	165.94	164.45	1.49	111.508	
400.00	399.45	391.22	391.22	1.36	0.68	-136.42	107.47	-119.55	171.79	169.76	2.03	84.616	
500.00	498.70	490.77	490.76	1.75	0.85	-138.77	107.68	-118.75	180.31	177.72	2.58	69.862	
600.00	597.47	589.76	589.75	2.18	1.14	-141.47	107.94	-117.81	191.73	188.48	3.25	58.923	
700.00	695.62	688.11	688.09	2.63	1.49	-144.36	108.25	-116.83	206.37	202.37	4.00	51.575	
800.00	793.06	785.60	785.58	3.12	1.84	-147.28	108.59	-115.86	224.44	219.69	4.75	47.230	
900.00	889.64	882.17	882.14	3.66	2.19	-150.13	108.90	-115.03	246.13	240.63	5.50	44.723	
1,000.00	985.27	978.38	978.35	4.25	2.53	-152.82	109.21	-114.22	271.44	265.19	6.26	43.387	
1,100.00	1,079.82	1,073.94	1,073.90	4.89	2.88	-155.27	109.57	-113.18	300.16	293.15	7.01	42.822 SF	
1,200.00	1,173.17	1,160.63	1,160.58	5.58	3.18	-157.27	110.06	-112.74	333.03	325.32	7.72	43.158	
1,300.00	1,265.21	1,241.07	1,240.99	6.34	3.45	-158.98	110.81	-114.67	372.09	363.71	8.38	44.410	
1,400.00	1,355.84	1,318.02	1,317.82	7.16	3.70	-160.51	111.49	-118.90	417.26	408.25	9.01	46.315	
1,500.00	1,444.94	1,392.56	1,392.12	8.05	3.96	-161.77	112.74	-124.90	468.02	458.40	9.62	48.629	
1,600.00	1,532.39	1,467.53	1,466.69	9.02	4.22	-162.77	114.94	-132.21	523.50	513.25	10.25	51.079	
1,700.00	1,618.11	1,532.88	1,531.56	10.05	4.45	-163.44	117.37	-139.75	583.48	572.67	10.81	53.972	
1,800.00	1,701.97	1,592.42	1,590.46	11.16	4.67	-163.97	119.44	-148.21	648.30	636.97	11.33	57.221	
1,900.00	1,783.88	1,647.11	1,644.34	12.35	4.87	-164.36	121.24	-157.37	717.61	705.80	11.81	60.756	
2,000.00	1,863.74	1,705.95	1,702.11	13.61	5.10	-164.80	122.77	-168.40	790.78	778.45	12.33	64.122	
2,100.00	1,941.45	1,766.95	1,761.92	14.95	5.35	-165.32	123.26	-180.37	866.82	853.94	12.88	67.323	
2,112.50	1,951.01	1,775.68	1,770.49	15.12	5.38	-165.40	123.29	-182.08	876.49	863.53	12.96	67.641	
2,200.00	2,017.79	1,837.31	1,830.97	16.35	5.63	-166.43	123.59	-193.92	944.11	930.61	13.50	69.942	
2,300.00	2,094.11	1,899.43	1,891.97	17.76	5.89	-167.32	123.84	-205.63	1,021.25	1,007.20	14.05	72.680	
2,400.00	2,170.44	1,959.33	1,950.78	19.17	6.15	-168.08	123.76	-217.03	1,098.59	1,084.00	14.59	75.308	
2,500.00	2,246.76	2,016.61	2,006.97	20.60	6.39	-168.74	123.48	-228.16	1,176.25	1,161.15	15.10	77.874	
2,600.00	2,323.08	2,105.88	2,094.64	22.03	6.77	-169.63	123.05	-244.96	1,253.67	1,237.77	15.90	78.862	
2,700.00	2,399.41	2,173.81	2,161.57	23.47	7.07	-170.18	123.02	-256.57	1,329.94	1,313.42	16.51	80.540	
2,800.00	2,475.73	2,237.06	2,223.86	24.91	7.34	-170.65	122.89	-267.57	1,406.45	1,389.36	17.09	82.291	
2,900.00	2,552.05	2,322.03	2,307.64	26.36	7.70	-171.23	122.37	-281.66	1,482.48	1,464.63	17.85	83.032	
3,000.00	2,628.38	2,384.10	2,368.90	27.80	7.97	-171.62	121.65	-291.62	1,558.19	1,539.77	18.43	84.564	
3,100.00	2,704.70	2,446.59	2,430.57	29.25	8.24	-172.00	120.63	-301.71	1,633.99	1,614.99	19.00	85.988	
3,200.00	2,781.02	2,509.73	2,492.85	30.71	8.51	-172.36	119.41	-312.01	1,709.94	1,690.35	19.59	87.305	
3,300.00	2,857.35	2,587.73	2,569.85	32.16	8.85	-172.74	118.32	-324.45	1,785.67	1,765.37	20.30	87.972	
3,400.00	2,933.67	2,649.67	2,631.02	33.62	9.11	-173.00	117.88	-334.13	1,861.21	1,840.33	20.88	89.146	
3,500.00	3,009.99	2,712.30	2,692.85	35.07	9.39	-173.23	117.53	-344.08	1,936.93	1,915.46	21.47	90.233	
3,600.00	3,086.31	2,779.79	2,759.49	36.53	9.68	-173.47	117.07	-354.77	2,012.63	1,990.54	22.10	91.084	
3,700.00	3,162.64	2,851.33	2,830.15	37.99	9.99	-173.71	116.43	-365.95	2,088.21	2,065.45	22.76	91.738	
3,800.00	3,238.96	2,919.04	2,897.05	39.45	10.28	-173.93	115.61	-376.37	2,163.65	2,140.26	23.40	92.476	
3,900.00	3,315.28	2,981.55	2,958.81	40.91	10.55	-174.13	114.58	-385.97	2,239.10	2,215.11	23.99	93.345	
4,000.00	3,391.61	3,035.32	3,011.90	42.37	10.79	-174.29	113.78	-394.43	2,314.79	2,290.29	24.50	94.465	
4,100.00	3,467.93	3,088.80	3,064.67	43.84	11.03	-174.43	113.18	-403.11	2,390.82	2,365.80	25.02	95.556	
4,200.00	3,544.25	3,150.00	3,125.01	45.30	11.30	-174.58	112.77	-413.36	2,467.17	2,441.57	25.60	96.356	
4,300.00	3,620.58	3,206.99	3,181.17	46.76	11.56	-174.69	112.85	-423.04	2,543.67	2,517.51	26.16	97.252	
4,400.00	3,696.90	3,279.81	3,252.94	48.23	11.88	-174.79	113.77	-435.31	2,620.08	2,593.23	26.85	97.589	
4,500.00	3,773.22	3,389.75	3,361.44	49.69	12.37	-174.94	115.12	-452.95	2,696.07	2,668.20	27.86	96.756	
4,600.00	3,849.55	3,852.31	3,822.11	51.16	14.09	-175.77	110.04	-487.65	2,765.23	2,733.63	31.60	87.501	
4,700.00	3,925.87	3,940.05	3,909.85	52.62	14.37	-175.87	110.44	-488.07	2,830.10	2,797.71	32.39	87.387	
4,800.00	4,002.19	4,018.65	3,988.45	54.09	14.61	-175.97	110.40	-488.16	2,894.70	2,861.59	33.11	87.439	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 11-36-1XRLNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 528-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	
4,900.00	4,078.51	4,083.83	4,053.63	55.56	14.82	-176.04	110.40	-488.38	2,959.49	2,925.76	33.73	87.740	
5,000.00	4,154.84	4,148.62	4,118.41	57.02	15.03	-176.11	110.52	-488.86	3,024.56	2,990.21	34.35	88.046	
5,100.00	4,231.16	4,219.52	4,189.31	58.49	15.26	-176.18	110.78	-489.61	3,089.88	3,054.86	35.02	88.230	
5,200.00	4,307.48	4,296.97	4,266.75	59.96	15.51	-176.25	111.16	-490.43	3,155.20	3,119.45	35.74	88.281	
5,300.00	4,383.81	4,371.00	4,340.78	61.43	15.76	-176.31	111.62	-491.17	3,220.47	3,184.04	36.44	88.388	
5,400.00	4,460.13	4,439.72	4,409.49	62.89	15.99	-176.37	112.11	-491.96	3,285.86	3,248.77	37.09	88.586	
5,500.00	4,536.45	4,505.12	4,474.89	64.36	16.21	-176.41	112.64	-492.91	3,351.47	3,313.75	37.72	88.842	
5,600.00	4,612.78	4,570.85	4,540.60	65.83	16.43	-176.46	113.24	-494.07	3,417.32	3,378.96	38.36	89.089	
5,700.00	4,689.10	4,640.31	4,610.04	67.30	16.67	-176.50	113.85	-495.44	3,483.32	3,444.30	39.02	89.265	
5,800.00	4,765.42	4,709.56	4,679.27	68.77	16.90	-176.55	114.40	-496.91	3,549.45	3,509.76	39.68	89.441	
5,900.00	4,841.75	4,783.84	4,753.53	70.24	17.16	-176.60	114.97	-498.60	3,615.68	3,575.29	40.39	89.528	
6,000.00	4,918.07	4,866.10	4,835.77	71.70	17.44	-176.64	116.05	-500.37	3,681.81	3,640.66	41.15	89.473	
6,100.00	4,994.39	4,948.68	4,918.32	73.17	17.72	-176.67	117.70	-502.01	3,747.79	3,705.87	41.92	89.408	
6,200.00	5,070.72	5,019.62	4,989.21	74.64	17.96	-176.68	119.51	-503.43	3,813.75	3,771.16	42.60	89.532	
6,300.00	5,147.04	5,205.46	5,175.02	76.11	18.56	-176.77	121.78	-503.83	3,878.08	3,833.95	44.13	87.885	
6,400.00	5,223.36	5,295.17	5,264.73	77.58	18.84	-176.83	122.20	-502.85	3,941.78	3,896.85	44.93	87.732	
6,500.00	5,299.68	5,374.40	5,343.95	79.05	19.09	-176.87	122.65	-501.81	4,005.30	3,959.64	45.66	87.723	
6,600.00	5,376.01	5,449.23	5,418.77	80.52	19.33	-176.91	123.18	-500.86	4,068.86	4,022.50	46.36	87.774	
6,700.00	5,452.33	5,522.93	5,492.47	81.99	19.56	-176.95	123.80	-499.97	4,132.46	4,085.42	47.05	87.838	
6,800.00	5,528.65	5,591.40	5,560.93	83.46	19.78	-176.98	124.47	-499.26	4,196.19	4,148.49	47.70	87.970	
6,900.00	5,604.98	5,664.31	5,633.84	84.93	20.01	-177.01	124.96	-498.62	4,260.04	4,211.65	48.39	88.043	
7,000.00	5,681.30	5,720.62	5,690.14	86.40	20.19	-177.05	124.55	-498.15	4,324.03	4,275.08	48.95	88.344	
7,100.00	5,757.62	5,769.53	5,738.97	87.87	20.35	-177.13	121.84	-498.02	4,388.58	4,339.14	49.44	88.759	
7,176.71	5,816.17	5,816.59	5,785.74	89.00	20.49	-177.24	116.65	-497.86	4,438.28	4,388.39	49.89	88.960	
7,200.00	5,833.92	5,827.81	5,796.83	89.34	20.53	-172.56	115.04	-497.83	4,453.42	4,403.42	50.00	89.063	
7,250.00	5,871.73	5,851.04	5,819.75	90.07	20.60	-162.70	111.24	-497.79	4,485.98	4,435.74	50.24	89.297	
7,300.00	5,908.91	5,890.00	5,857.93	90.78	20.73	-153.41	103.48	-497.79	4,518.45	4,467.87	50.58	89.331	
7,350.00	5,945.18	5,890.00	5,857.93	91.48	20.73	-144.37	103.48	-497.79	4,550.50	4,499.86	50.64	89.862	
7,400.00	5,980.26	5,890.00	5,857.93	92.14	20.73	-135.96	103.48	-497.79	4,582.12	4,531.43	50.69	90.396	
7,450.00	6,013.88	5,890.00	5,857.93	92.77	20.73	-128.26	103.48	-497.79	4,613.11	4,562.38	50.73	90.930	
7,500.00	6,045.79	5,890.00	5,857.93	93.36	20.73	-121.29	103.48	-497.79	4,643.24	4,592.47	50.77	91.462	
7,550.00	6,075.75	5,927.87	5,894.72	93.90	20.85	-115.55	94.50	-498.07	4,671.85	4,620.77	51.08	91.464	
7,600.00	6,103.52	5,934.00	5,900.64	94.40	20.87	-110.11	92.94	-498.16	4,699.48	4,648.33	51.15	91.884	
7,650.00	6,128.89	5,938.91	5,905.38	94.85	20.88	-105.33	91.67	-498.24	4,725.65	4,674.45	51.20	92.302	
7,700.00	6,151.68	5,942.63	5,908.97	95.25	20.90	-101.17	90.69	-498.31	4,750.22	4,698.98	51.24	92.711	
7,750.00	6,171.71	5,945.17	5,911.42	95.60	20.90	-97.57	90.01	-498.35	4,773.02	4,721.75	51.26	93.105	
7,800.00	6,188.82	5,946.56	5,912.76	95.91	20.91	-94.51	89.64	-498.38	4,793.91	4,742.63	51.29	93.474	
7,850.00	6,202.89	5,946.85	5,913.04	96.16	20.91	-91.95	89.57	-498.39	4,812.77	4,761.47	51.30	93.808	
7,900.00	6,213.81	5,946.07	5,912.29	96.38	20.91	-89.85	89.77	-498.37	4,829.48	4,778.15	51.33	94.096	
7,950.00	6,221.49	5,944.28	5,910.56	96.55	20.90	-88.19	90.25	-498.34	4,843.92	4,792.57	51.35	94.324	
8,000.00	6,225.88	5,941.52	5,907.90	96.69	20.89	-86.96	90.98	-498.28	4,856.02	4,804.62	51.40	94.481	
8,040.96	6,227.00	5,938.58	5,905.07	96.77	20.88	-86.25	91.75	-498.23	4,864.11	4,812.67	51.45	94.549	
8,100.00	6,227.00	5,933.99	5,900.63	96.88	20.87	-86.20	92.94	-498.16	4,874.93	4,823.38	51.54	94.579	
8,200.00	6,227.00	5,926.50	5,893.39	97.07	20.84	-86.11	94.85	-498.05	4,894.78	4,843.01	51.78	94.537	
8,300.00	6,227.00	5,890.00	5,857.93	97.28	20.73	-85.69	103.48	-497.79	4,916.87	4,865.04	51.83	94.865	
8,400.00	6,227.00	5,890.00	5,857.93	97.49	20.73	-85.69	103.48	-497.79	4,940.41	4,888.14	52.27	94.521	
8,500.00	6,227.00	5,890.00	5,857.93	97.72	20.73	-85.69	103.48	-497.79	4,965.86	4,913.08	52.77	94.103	
8,600.00	6,227.00	5,890.00	5,857.93	97.97	20.73	-85.69	103.48	-497.79	4,993.17	4,939.84	53.33	93.624	
8,700.00	6,227.00	5,890.00	5,857.93	98.23	20.73	-85.69	103.48	-497.79	5,022.34	4,968.39	53.95	93.098	
8,800.00	6,227.00	5,890.00	5,857.93	98.50	20.73	-85.69	103.48	-497.79	5,053.31	4,998.70	54.61	92.539	
8,900.00	6,227.00	5,890.00	5,857.93	98.79	20.73	-85.69	103.48	-497.79	5,086.06	5,030.75	55.31	91.958	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 11-36-1XRLNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 528-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	
9,000.00	6,227.00	5,890.00	5,857.93	99.09	20.73	-85.69	103.48	-497.79	5,120.56	5,064.51	56.05	91.365	
9,100.00	6,227.00	5,890.00	5,857.93	99.41	20.73	-85.69	103.48	-497.79	5,156.76	5,099.95	56.81	90.771	
9,200.00	6,227.00	5,890.00	5,857.93	99.75	20.73	-85.69	103.48	-497.79	5,194.64	5,137.04	57.60	90.184	
9,300.00	6,227.00	5,890.00	5,857.93	100.10	20.73	-85.69	103.48	-497.79	5,234.15	5,175.74	58.41	89.611	
9,400.00	6,227.00	5,853.64	5,822.31	100.47	20.61	-85.26	110.78	-497.79	5,274.78	5,215.86	58.92	89.528	
9,500.00	6,227.00	5,849.12	5,817.86	100.86	20.60	-85.21	111.58	-497.79	5,317.32	5,257.60	59.72	89.042	
9,600.00	6,227.00	5,844.85	5,813.66	101.26	20.58	-85.16	112.31	-497.80	5,361.36	5,300.84	60.53	88.578	
9,700.00	6,227.00	5,840.82	5,809.68	101.68	20.57	-85.11	112.99	-497.80	5,406.89	5,345.55	61.34	88.140	
9,800.00	6,227.00	5,836.99	5,805.91	102.13	20.56	-85.07	113.61	-497.81	5,453.86	5,391.69	62.17	87.730	
9,900.00	6,227.00	5,833.37	5,802.33	102.59	20.55	-85.03	114.19	-497.82	5,502.23	5,439.24	62.99	87.352	
10,000.00	6,227.00	5,795.00	5,764.31	103.07	20.43	-84.57	119.35	-497.94	5,552.48	5,488.95	63.53	87.405	
10,100.00	6,227.00	5,795.00	5,764.31	103.58	20.43	-84.57	119.35	-497.94	5,603.47	5,539.10	64.37	87.045	
10,200.00	6,227.00	5,795.00	5,764.31	104.10	20.43	-84.57	119.35	-497.94	5,655.78	5,590.56	65.22	86.724	
10,300.00	6,227.00	5,795.00	5,764.31	104.65	20.43	-84.57	119.35	-497.94	5,709.35	5,643.30	66.05	86.441	
10,400.00	6,227.00	5,795.00	5,764.31	105.22	20.43	-84.57	119.35	-497.94	5,764.17	5,697.29	66.87	86.196	
10,500.00	6,227.00	5,795.00	5,764.31	105.82	20.43	-84.57	119.35	-497.94	5,820.18	5,752.50	67.68	85.989	
10,600.00	6,227.00	5,795.00	5,764.31	106.43	20.43	-84.57	119.35	-497.94	5,877.36	5,808.88	68.49	85.819	
10,700.00	6,227.00	5,795.00	5,764.31	107.07	20.43	-84.57	119.35	-497.94	5,935.68	5,866.41	69.27	85.685	
10,800.00	6,227.00	5,795.00	5,764.31	107.74	20.43	-84.57	119.35	-497.94	5,995.10	5,925.05	70.05	85.585	
10,900.00	6,227.00	5,795.00	5,764.31	108.42	20.43	-84.57	119.35	-497.94	6,055.59	5,984.78	70.81	85.520	
11,000.00	6,227.00	5,795.00	5,764.31	109.14	20.43	-84.57	119.35	-497.94	6,117.11	6,045.55	71.56	85.487	
11,100.00	6,227.00	5,795.00	5,764.31	109.87	20.43	-84.57	119.35	-497.94	6,179.64	6,107.35	72.29	85.486	
11,200.00	6,227.00	5,795.00	5,764.31	110.64	20.43	-84.57	119.35	-497.94	6,243.14	6,170.14	73.01	85.516	
11,300.00	6,227.00	5,795.00	5,764.31	111.43	20.43	-84.57	119.35	-497.94	6,307.59	6,233.89	73.71	85.575	
11,400.00	6,227.00	5,795.00	5,764.31	112.24	20.43	-84.57	119.35	-497.94	6,372.96	6,298.57	74.40	85.663	
11,500.00	6,227.00	5,795.00	5,764.31	113.08	20.43	-84.57	119.35	-497.94	6,439.22	6,364.15	75.07	85.778	
11,600.00	6,227.00	5,795.00	5,764.31	113.94	20.43	-84.57	119.35	-497.94	6,506.34	6,430.61	75.73	85.919	
11,700.00	6,227.00	5,795.00	5,764.31	114.83	20.43	-84.57	119.35	-497.94	6,574.29	6,497.93	76.37	86.086	
11,800.00	6,227.00	5,795.00	5,764.31	115.74	20.43	-84.57	119.35	-497.94	6,643.06	6,566.06	77.00	86.277	
11,900.00	6,227.00	5,795.00	5,764.31	116.68	20.43	-84.57	119.35	-497.94	6,712.61	6,635.00	77.61	86.491	
12,000.00	6,227.00	5,795.00	5,764.31	117.64	20.43	-84.57	119.35	-497.94	6,782.92	6,704.71	78.21	86.727	
12,100.00	6,227.00	5,795.00	5,764.31	118.63	20.43	-84.57	119.35	-497.94	6,853.97	6,775.18	78.79	86.985	
12,200.00	6,227.00	5,795.00	5,764.31	119.64	20.43	-84.57	119.35	-497.94	6,925.74	6,846.37	79.37	87.264	
12,300.00	6,227.00	5,795.00	5,764.31	120.68	20.43	-84.57	119.35	-497.94	6,998.20	6,918.27	79.92	87.562	
12,400.00	6,227.00	5,795.00	5,764.31	121.74	20.43	-84.57	119.35	-497.94	7,071.33	6,990.86	80.47	87.880	
12,500.00	6,227.00	5,795.00	5,764.31	122.82	20.43	-84.57	119.35	-497.94	7,145.11	7,064.11	81.00	88.215	
12,600.00	6,227.00	5,795.00	5,764.31	123.92	20.43	-84.57	119.35	-497.94	7,219.52	7,138.01	81.51	88.568	
12,700.00	6,227.00	5,774.22	5,743.63	125.04	20.36	-84.33	121.44	-498.01	7,294.34	7,212.45	81.89	89.073	
12,800.00	6,227.00	5,772.96	5,742.38	126.19	20.36	-84.31	121.55	-498.01	7,369.93	7,287.55	82.38	89.465	
12,900.00	6,227.00	5,771.74	5,741.16	127.35	20.35	-84.30	121.65	-498.02	7,446.09	7,363.24	82.85	89.872	
13,000.00	6,227.00	5,770.56	5,739.99	128.54	20.35	-84.29	121.75	-498.02	7,522.81	7,439.50	83.32	90.293	
13,100.00	6,227.00	5,769.41	5,738.85	129.74	20.35	-84.27	121.85	-498.02	7,600.08	7,516.31	83.77	90.728	
13,200.00	6,227.00	5,749.00	5,718.49	130.97	20.28	-84.03	123.31	-498.06	7,678.04	7,593.95	84.09	91.302	
13,300.00	6,227.00	5,749.00	5,718.49	132.21	20.28	-84.03	123.31	-498.06	7,756.32	7,671.78	84.53	91.756	
13,400.00	6,227.00	5,749.00	5,718.49	133.47	20.28	-84.03	123.31	-498.06	7,835.08	7,750.13	84.96	92.222	
13,500.00	6,227.00	5,749.00	5,718.49	134.74	20.28	-84.03	123.31	-498.06	7,914.33	7,828.96	85.38	92.700	
13,600.00	6,227.00	5,749.00	5,718.49	136.03	20.28	-84.03	123.31	-498.06	7,994.05	7,908.26	85.78	93.190	
13,700.00	6,227.00	5,749.00	5,718.49	137.34	20.28	-84.03	123.31	-498.06	8,074.21	7,988.03	86.18	93.691	
13,800.00	6,227.00	5,749.00	5,718.49	138.67	20.28	-84.03	123.31	-498.06	8,154.81	8,068.25	86.57	94.203	
13,900.00	6,227.00	5,749.00	5,718.49	140.00	20.28	-84.03	123.31	-498.06	8,235.84	8,148.90	86.94	94.725	
14,000.00	6,227.00	5,749.00	5,718.49	141.36	20.28	-84.03	123.31	-498.06	8,317.28	8,229.97	87.31	95.257	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 528-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,100.00	6,227.00	5,749.00	5,718.49	142.72	20.28	-84.03	123.31	-498.06	8,399.13	8,311.45	87.67	95.799	
14,200.00	6,227.00	5,749.00	5,718.49	144.10	20.28	-84.03	123.31	-498.06	8,481.36	8,393.33	88.03	96.350	
14,300.00	6,227.00	5,749.00	5,718.49	145.49	20.28	-84.03	123.31	-498.06	8,563.97	8,475.60	88.37	96.910	
14,400.00	6,227.00	5,749.00	5,718.49	146.90	20.28	-84.03	123.31	-498.06	8,646.94	8,558.24	88.71	97.478	
14,500.00	6,227.00	5,749.00	5,718.49	148.31	20.28	-84.03	123.31	-498.06	8,730.28	8,641.24	89.03	98.055	
14,600.00	6,227.00	5,749.00	5,718.49	149.74	20.28	-84.03	123.31	-498.06	8,813.96	8,724.60	89.36	98.640	
14,700.00	6,227.00	5,749.00	5,718.49	151.18	20.28	-84.03	123.31	-498.06	8,897.98	8,808.31	89.67	99.232	
14,800.00	6,227.00	5,749.00	5,718.49	152.62	20.28	-84.03	123.31	-498.06	8,982.32	8,892.35	89.98	99.831	
14,900.00	6,227.00	5,749.00	5,718.49	154.08	20.28	-84.03	123.31	-498.06	9,066.98	8,976.71	90.27	100.438	
15,000.00	6,227.00	5,749.00	5,718.49	155.55	20.28	-84.03	123.31	-498.06	9,151.96	9,061.39	90.57	101.051	
15,100.00	6,227.00	5,749.00	5,718.49	157.03	20.28	-84.03	123.31	-498.06	9,237.23	9,146.38	90.85	101.671	
15,200.00	6,227.00	5,749.00	5,718.49	158.51	20.28	-84.03	123.31	-498.06	9,322.80	9,231.66	91.13	102.297	
15,300.00	6,227.00	5,749.00	5,718.49	160.01	20.28	-84.03	123.31	-498.06	9,408.65	9,317.24	91.41	102.929	
15,400.00	6,227.00	5,749.00	5,718.49	161.51	20.28	-84.03	123.31	-498.06	9,494.78	9,403.10	91.68	103.567	
15,500.00	6,227.00	5,749.00	5,718.49	163.02	20.28	-84.03	123.31	-498.06	9,581.17	9,489.23	91.94	104.211	
15,600.00	6,227.00	5,749.00	5,718.49	164.54	20.28	-84.03	123.31	-498.06	9,667.83	9,575.63	92.20	104.860	
15,700.00	6,227.00	5,749.00	5,718.49	166.06	20.28	-84.03	123.31	-498.06	9,754.75	9,662.30	92.45	105.514	
15,800.00	6,227.00	5,749.00	5,718.49	167.59	20.28	-84.03	123.31	-498.06	9,841.91	9,749.21	92.70	106.173	
15,900.00	6,227.00	5,749.00	5,718.49	169.13	20.28	-84.03	123.31	-498.06	9,929.32	9,836.38	92.94	106.838	
16,000.00	6,227.00	5,749.00	5,718.49	170.68	20.28	-84.03	123.31	-498.06	10,016.96	9,923.78	93.18	107.507	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 98-MWD OWSG												Offset Well Error:	0.00 usft
Reference				Offset				Semi Major Axis				Distance	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.81	2.81	0.00	0.00	141.20	-4,235.22	3,404.91	5,434.20				
100.00	100.00	118.66	118.66	0.27	0.23	141.20	-4,234.99	3,404.96	5,434.07	5,433.58	0.50	N/A	
200.00	199.98	238.22	238.22	0.62	0.65	56.58	-4,234.31	3,404.76	5,432.55	5,431.28	1.28	4,253.701	
300.00	299.84	328.29	328.28	0.99	0.98	56.67	-4,233.73	3,404.60	5,429.06	5,427.10	1.96	2,771.491	
400.00	399.45	414.96	414.95	1.36	1.28	56.82	-4,233.30	3,404.75	5,423.97	5,421.33	2.64	2,055.531	
500.00	498.70	530.63	530.62	1.75	1.70	57.06	-4,232.56	3,404.83	5,416.82	5,413.39	3.44	1,575.444	
600.00	597.47	631.42	631.40	2.18	2.06	57.35	-4,231.68	3,405.07	5,407.74	5,403.54	4.20	1,286.288	
700.00	695.62	745.74	745.72	2.63	2.47	57.73	-4,230.57	3,405.17	5,396.65	5,391.61	5.04	1,070.145	
800.00	793.06	842.86	842.83	3.12	2.82	58.14	-4,229.35	3,405.22	5,383.53	5,377.68	5.85	920.482	
900.00	889.64	920.31	920.28	3.66	3.09	58.57	-4,228.49	3,405.39	5,368.86	5,362.25	6.61	811.899	
1,000.00	985.27	1,146.51	1,146.27	4.25	3.86	59.57	-4,230.86	3,397.38	5,352.47	5,344.56	7.91	676.257	
1,100.00	1,079.82	1,279.50	1,278.65	4.89	4.33	60.46	-4,234.00	3,385.37	5,331.73	5,322.77	8.96	595.355	
1,200.00	1,173.17	1,327.73	1,326.50	5.58	4.51	61.07	-4,236.29	3,379.77	5,309.96	5,300.21	9.76	544.301	
1,300.00	1,265.21	1,377.90	1,376.19	6.34	4.69	61.74	-4,239.38	3,373.55	5,287.51	5,276.89	10.62	497.905	
1,400.00	1,355.84	1,411.00	1,408.92	7.16	4.82	62.34	-4,241.86	3,369.30	5,264.57	5,253.09	11.48	458.453	
1,500.00	1,444.94	1,443.25	1,440.78	8.05	4.94	62.96	-4,244.66	3,365.15	5,241.33	5,228.93	12.41	422.435	
1,600.00	1,532.39	1,476.40	1,473.48	9.02	5.07	63.61	-4,247.95	3,360.86	5,217.87	5,204.47	13.40	389.322	
1,700.00	1,618.11	1,520.17	1,516.62	10.05	5.24	64.35	-4,252.69	3,355.21	5,194.14	5,179.63	14.51	357.892	
1,800.00	1,701.97	10,874.00	6,363.27	11.16	81.05	164.09	-7.84	2,591.06	5,111.90	5,057.95	53.95	94.745	
1,900.00	1,783.88	10,874.00	6,363.27	12.35	81.05	166.62	-7.84	2,591.06	5,013.85	4,960.00	53.85	93.103	
2,000.00	1,863.74	10,874.00	6,363.27	13.61	81.05	168.42	-7.84	2,591.06	4,916.62	4,862.89	53.72	91.518	
2,100.00	1,941.45	10,874.00	6,363.27	14.95	81.05	169.77	-7.84	2,591.06	4,820.37	4,766.81	53.57	89.985	
2,112.50	1,951.01	10,874.00	6,363.27	15.12	81.05	169.91	-7.84	2,591.06	4,808.42	4,754.88	53.54	89.808	
2,200.00	2,017.79	10,874.00	6,363.27	16.35	81.05	169.91	-7.84	2,591.06	4,724.90	4,671.49	53.41	88.466	
2,300.00	2,094.11	10,874.00	6,363.27	17.76	81.05	169.91	-7.84	2,591.06	4,629.62	4,576.35	53.27	86.911	
2,400.00	2,170.44	10,874.00	6,363.27	19.17	81.05	169.91	-7.84	2,591.06	4,534.55	4,481.41	53.14	85.338	
2,500.00	2,246.76	10,874.00	6,363.27	20.60	81.05	169.91	-7.84	2,591.06	4,439.69	4,386.68	53.01	83.746	
2,600.00	2,323.08	10,874.00	6,363.27	22.03	81.05	169.91	-7.84	2,591.06	4,345.07	4,292.17	52.90	82.138	
2,700.00	2,399.41	10,874.00	6,363.27	23.47	81.05	169.91	-7.84	2,591.06	4,250.69	4,197.89	52.79	80.515	
2,800.00	2,475.73	10,874.00	6,363.27	24.91	81.05	169.91	-7.84	2,591.06	4,156.57	4,103.87	52.70	78.878	
2,900.00	2,552.05	10,874.00	6,363.27	26.36	81.05	169.91	-7.84	2,591.06	4,062.74	4,010.13	52.61	77.228	
3,000.00	2,628.38	10,874.00	6,363.27	27.80	81.05	169.91	-7.84	2,591.06	3,969.20	3,916.68	52.52	75.568	
3,100.00	2,704.70	10,874.00	6,363.27	29.25	81.05	169.91	-7.84	2,591.06	3,875.99	3,823.54	52.45	73.899	
3,200.00	2,781.02	10,874.00	6,363.27	30.71	81.05	169.91	-7.84	2,591.06	3,783.12	3,730.74	52.38	72.220	
3,300.00	2,857.35	10,874.00	6,363.27	32.16	81.05	169.91	-7.84	2,591.06	3,690.63	3,638.31	52.32	70.534	
3,400.00	2,933.67	10,874.00	6,363.27	33.62	81.05	169.91	-7.84	2,591.06	3,598.54	3,546.27	52.27	68.840	
3,500.00	3,009.99	10,874.00	6,363.27	35.07	81.05	169.91	-7.84	2,591.06	3,506.88	3,454.65	52.23	67.140	
3,600.00	3,086.31	10,874.00	6,363.27	36.53	81.05	169.91	-7.84	2,591.06	3,415.69	3,363.49	52.20	65.434	
3,700.00	3,162.64	10,874.00	6,363.27	37.99	81.05	169.91	-7.84	2,591.06	3,325.01	3,272.83	52.18	63.722	
3,800.00	3,238.96	10,874.00	6,363.27	39.45	81.05	169.91	-7.84	2,591.06	3,234.88	3,182.71	52.17	62.003	
3,900.00	3,315.28	10,874.00	6,363.27	40.91	81.05	169.91	-7.84	2,591.06	3,145.34	3,093.16	52.18	60.279	
4,000.00	3,391.61	10,874.00	6,363.27	42.37	81.05	169.91	-7.84	2,591.06	3,056.45	3,004.25	52.20	58.547	
4,100.00	3,467.93	10,874.00	6,363.27	43.84	81.05	169.91	-7.84	2,591.06	2,968.27	2,916.02	52.25	56.808	
4,200.00	3,544.25	10,874.00	6,363.27	45.30	81.05	169.91	-7.84	2,591.06	2,880.87	2,828.54	52.32	55.061	
4,300.00	3,620.58	10,874.00	6,363.27	46.76	81.05	169.91	-7.84	2,591.06	2,794.30	2,741.88	52.42	53.303	
4,400.00	3,696.90	10,874.00	6,363.27	48.23	81.05	169.91	-7.84	2,591.06	2,708.66	2,656.10	52.56	51.534	
4,500.00	3,773.22	10,874.00	6,363.27	49.69	81.05	169.91	-7.84	2,591.06	2,624.04	2,571.30	52.74	49.752	
4,600.00	3,849.55	10,874.00	6,363.27	51.16	81.05	169.91	-7.84	2,591.06	2,540.54	2,487.56	52.98	47.954	
4,700.00	3,925.87	10,874.00	6,363.27	52.62	81.05	169.91	-7.84	2,591.06	2,458.26	2,404.98	53.28	46.138	
4,800.00	4,002.19	10,874.00	6,363.27	54.09	81.05	169.91	-7.84	2,591.06	2,377.35	2,323.69	53.66	44.302	
4,900.00	4,078.51	10,874.00	6,363.27	55.56	81.05	169.91	-7.84	2,591.06	2,297.94	2,243.80	54.14	42.443	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 34-31-36HNB - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 98-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		
5,000.00	4,154.84	10,874.00	6,363.27	57.02	81.05	169.91	-7.84	2,591.06	2,220.20	2,165.46	54.74	40.560		
5,100.00	4,231.16	10,874.00	6,363.27	58.49	81.05	169.91	-7.84	2,591.06	2,144.30	2,088.82	55.48	38.652		
5,200.00	4,307.48	10,874.00	6,363.27	59.96	81.05	169.91	-7.84	2,591.06	2,070.44	2,014.06	56.39	36.720		
5,300.00	4,383.81	10,874.00	6,363.27	61.43	81.05	169.91	-7.84	2,591.06	1,998.87	1,941.38	57.49	34.767		
5,400.00	4,460.13	10,874.00	6,363.27	62.89	81.05	169.91	-7.84	2,591.06	1,929.82	1,870.99	58.83	32.802		
5,500.00	4,536.45	10,874.00	6,363.27	64.36	81.05	169.91	-7.84	2,591.06	1,863.58	1,803.15	60.44	30.834		
5,600.00	4,612.78	10,874.00	6,363.27	65.83	81.05	169.91	-7.84	2,591.06	1,800.47	1,738.12	62.34	28.879		
5,700.00	4,689.10	10,874.00	6,363.27	67.30	81.05	169.91	-7.84	2,591.06	1,740.81	1,676.24	64.57	26.959		
5,800.00	4,765.42	10,874.00	6,363.27	68.77	81.05	169.91	-7.84	2,591.06	1,684.98	1,617.83	67.14	25.095		
5,900.00	4,841.75	10,874.00	6,363.27	70.24	81.05	169.91	-7.84	2,591.06	1,633.37	1,563.31	70.06	23.313		
6,000.00	4,918.07	10,874.00	6,363.27	71.70	81.05	169.91	-7.84	2,591.06	1,586.39	1,513.08	73.31	21.639		
6,100.00	4,994.39	10,874.00	6,363.27	73.17	81.05	169.91	-7.84	2,591.06	1,544.46	1,467.60	76.86	20.095		
6,200.00	5,070.72	10,874.00	6,363.27	74.64	81.05	169.91	-7.84	2,591.06	1,508.01	1,427.36	80.66	18.697		
6,300.00	5,147.04	10,874.00	6,363.27	76.11	81.05	169.91	-7.84	2,591.06	1,477.44	1,392.81	84.63	17.458		
6,400.00	5,223.36	10,874.00	6,363.27	77.58	81.05	169.91	-7.84	2,591.06	1,453.12	1,364.44	88.69	16.385		
6,500.00	5,299.68	10,874.00	6,363.27	79.05	81.05	169.91	-7.84	2,591.06	1,435.38	1,342.64	92.73	15.478		
6,600.00	5,376.01	10,874.00	6,363.27	80.52	81.05	169.91	-7.84	2,591.06	1,424.44	1,327.78	96.67	14.735		
6,700.00	5,452.33	10,874.00	6,363.27	81.99	81.05	169.91	-7.84	2,591.06	1,420.48	1,320.09	100.39	14.149		
6,706.32	5,457.15	10,874.00	6,363.27	82.08	81.05	169.91	-7.84	2,591.06	1,420.47	1,319.85	100.62	14.117 CC		
6,800.00	5,528.65	10,874.00	6,363.27	83.46	81.05	169.91	-7.84	2,591.06	1,423.56	1,319.74	103.82	13.712 ES		
6,900.00	5,604.98	10,874.00	6,363.27	84.93	81.05	169.91	-7.84	2,591.06	1,433.61	1,326.73	106.88	13.413		
7,000.00	5,681.30	10,874.00	6,363.27	86.40	81.05	169.91	-7.84	2,591.06	1,450.51	1,340.98	109.53	13.243		
7,100.00	5,757.62	10,874.00	6,363.27	87.87	81.05	169.91	-7.84	2,591.06	1,474.01	1,362.26	111.76	13.190 SF		
7,176.71	5,816.17	10,874.00	6,363.27	89.00	81.05	169.91	-7.84	2,591.06	1,496.33	1,383.16	113.17	13.222		
7,200.00	5,833.92	10,874.00	6,363.27	89.34	81.05	173.42	-7.84	2,591.06	1,503.92	1,390.37	113.55	13.245		
7,250.00	5,871.73	10,874.00	6,363.27	90.07	81.05	-179.00	-7.84	2,591.06	1,521.98	1,407.67	114.31	13.314		
7,300.00	5,908.91	10,874.00	6,363.27	90.78	81.05	-171.46	-7.84	2,591.06	1,542.25	1,427.26	114.99	13.412		
7,350.00	5,945.18	10,874.00	6,363.27	91.48	81.05	-164.06	-7.84	2,591.06	1,564.49	1,448.90	115.59	13.535		
7,400.00	5,980.26	10,874.00	6,363.27	92.14	81.05	-156.89	-7.84	2,591.06	1,588.46	1,472.34	116.12	13.679		
7,450.00	6,013.88	10,874.00	6,363.27	92.77	81.05	-149.98	-7.84	2,591.06	1,613.91	1,497.32	116.59	13.843		
7,500.00	6,045.79	10,874.00	6,363.27	93.36	81.05	-143.35	-7.84	2,591.06	1,640.56	1,523.56	117.00	14.022		
7,550.00	6,075.75	10,874.00	6,363.27	93.90	81.05	-137.03	-7.84	2,591.06	1,668.18	1,550.80	117.37	14.212		
7,600.00	6,103.52	10,874.00	6,363.27	94.40	81.05	-131.03	-7.84	2,591.06	1,696.50	1,578.79	117.72	14.412		
7,650.00	6,128.89	10,874.00	6,363.27	94.85	81.05	-125.36	-7.84	2,591.06	1,725.29	1,607.25	118.04	14.616		
7,700.00	6,151.68	10,874.00	6,363.27	95.25	81.05	-120.05	-7.84	2,591.06	1,754.30	1,635.95	118.35	14.823		
7,750.00	6,171.71	10,874.00	6,363.27	95.60	81.05	-115.11	-7.84	2,591.06	1,783.30	1,664.65	118.66	15.029		
7,800.00	6,188.82	10,874.00	6,363.27	95.91	81.05	-110.56	-7.84	2,591.06	1,812.10	1,693.13	118.97	15.232		
7,850.00	6,202.89	10,874.00	6,363.27	96.16	81.05	-106.42	-7.84	2,591.06	1,840.47	1,721.17	119.29	15.428		
7,900.00	6,213.81	10,874.00	6,363.27	96.38	81.05	-102.70	-7.84	2,591.06	1,868.23	1,748.59	119.64	15.616		
7,950.00	6,221.49	10,874.00	6,363.27	96.55	81.05	-99.41	-7.84	2,591.06	1,895.19	1,775.20	120.00	15.794		
8,000.00	6,225.88	10,874.00	6,363.27	96.69	81.05	-96.55	-7.84	2,591.06	1,921.20	1,800.83	120.37	15.960		
8,040.96	6,227.00	10,874.00	6,363.27	96.77	81.05	-94.53	-7.84	2,591.06	1,941.68	1,820.99	120.69	16.088		
8,100.00	6,227.00	10,874.00	6,363.27	96.88	81.05	-94.53	-7.84	2,591.06	1,971.30	1,850.14	121.15	16.271		
8,200.00	6,227.00	10,874.00	6,363.27	97.07	81.05	-94.53	-7.84	2,591.06	2,024.40	1,902.54	121.86	16.613		
8,300.00	6,227.00	10,874.00	6,363.27	97.28	81.05	-94.53	-7.84	2,591.06	2,080.95	1,958.50	122.46	16.993		
8,400.00	6,227.00	10,874.00	6,363.27	97.49	81.05	-94.53	-7.84	2,591.06	2,140.69	2,017.73	122.96	17.410		
8,500.00	6,227.00	10,874.00	6,363.27	97.72	81.05	-94.53	-7.84	2,591.06	2,203.34	2,079.99	123.36	17.862		
8,600.00	6,227.00	10,874.00	6,363.27	97.97	81.05	-94.53	-7.84	2,591.06	2,268.68	2,145.01	123.67	18.345		
8,700.00	6,227.00	10,874.00	6,363.27	98.23	81.05	-94.53	-7.84	2,591.06	2,336.47	2,212.58	123.89	18.859		
8,800.00	6,227.00	10,874.00	6,363.27	98.50	81.05	-94.53	-7.84	2,591.06	2,406.51	2,282.46	124.05	19.400		
8,900.00	6,227.00	10,874.00	6,363.27	98.79	81.05	-94.53	-7.84	2,591.06	2,478.60	2,354.46	124.13	19.967		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 34-31-36HNB - OWB - FINAL SURVEY													Offset Site Error: 0.00 usft	
Survey Program: 98-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	6,227.00	10,874.00	6,363.27	99.09	81.05	-94.53	-7.84	2,591.06	2,552.57	2,428.41	124.17	20.558		
9,100.00	6,227.00	10,874.00	6,363.27	99.41	81.05	-94.53	-7.84	2,591.06	2,628.27	2,504.12	124.15	21.170		
9,200.00	6,227.00	10,874.00	6,363.27	99.75	81.05	-94.53	-7.84	2,591.06	2,705.55	2,581.45	124.10	21.802		
9,300.00	6,227.00	10,874.00	6,363.27	100.10	81.05	-94.53	-7.84	2,591.06	2,784.27	2,660.26	124.01	22.453		
9,400.00	6,227.00	10,874.00	6,363.27	100.47	81.05	-94.53	-7.84	2,591.06	2,864.32	2,740.43	123.89	23.120		
9,500.00	6,227.00	10,874.00	6,363.27	100.86	81.05	-94.53	-7.84	2,591.06	2,945.59	2,821.84	123.75	23.803		
9,600.00	6,227.00	10,874.00	6,363.27	101.26	81.05	-94.53	-7.84	2,591.06	3,027.99	2,904.40	123.59	24.500		
9,700.00	6,227.00	10,874.00	6,363.27	101.68	81.05	-94.53	-7.84	2,591.06	3,111.41	2,987.99	123.42	25.211		
9,800.00	6,227.00	10,874.00	6,363.27	102.13	81.05	-94.53	-7.84	2,591.06	3,195.79	3,072.56	123.23	25.933		
9,900.00	6,227.00	10,874.00	6,363.27	102.59	81.05	-94.53	-7.84	2,591.06	3,281.04	3,158.00	123.04	26.667		
10,000.00	6,227.00	10,874.00	6,363.27	103.07	81.05	-94.53	-7.84	2,591.06	3,367.11	3,244.27	122.84	27.411		
10,100.00	6,227.00	10,874.00	6,363.27	103.58	81.05	-94.53	-7.84	2,591.06	3,453.93	3,331.29	122.63	28.164		
10,200.00	6,227.00	10,874.00	6,363.27	104.10	81.05	-94.53	-7.84	2,591.06	3,541.44	3,419.01	122.43	28.927		
10,300.00	6,227.00	10,874.00	6,363.27	104.65	81.05	-94.53	-7.84	2,591.06	3,629.60	3,507.38	122.22	29.697		
10,400.00	6,227.00	10,874.00	6,363.27	105.22	81.05	-94.53	-7.84	2,591.06	3,718.35	3,596.34	122.01	30.476		
10,500.00	6,227.00	10,874.00	6,363.27	105.82	81.05	-94.53	-7.84	2,591.06	3,807.67	3,685.86	121.80	31.261		
10,600.00	6,227.00	10,874.00	6,363.27	106.43	81.05	-94.53	-7.84	2,591.06	3,897.50	3,775.90	121.60	32.052		
10,700.00	6,227.00	10,874.00	6,363.27	107.07	81.05	-94.53	-7.84	2,591.06	3,987.82	3,866.42	121.40	32.850		
10,800.00	6,227.00	10,874.00	6,363.27	107.74	81.05	-94.53	-7.84	2,591.06	4,078.59	3,957.39	121.20	33.653		
10,900.00	6,227.00	10,874.00	6,363.27	108.42	81.05	-94.53	-7.84	2,591.06	4,169.78	4,048.78	121.00	34.461		
11,000.00	6,227.00	10,874.00	6,363.27	109.14	81.05	-94.53	-7.84	2,591.06	4,261.36	4,140.56	120.81	35.274		
11,100.00	6,227.00	10,874.00	6,363.27	109.87	81.05	-94.53	-7.84	2,591.06	4,353.32	4,232.70	120.62	36.092		
11,200.00	6,227.00	10,874.00	6,363.27	110.64	81.05	-94.53	-7.84	2,591.06	4,445.62	4,325.19	120.43	36.913		
11,300.00	6,227.00	10,874.00	6,363.27	111.43	81.05	-94.53	-7.84	2,591.06	4,538.25	4,418.00	120.25	37.739		
11,400.00	6,227.00	10,874.00	6,363.27	112.24	81.05	-94.53	-7.84	2,591.06	4,631.19	4,511.11	120.08	38.568		
11,500.00	6,227.00	10,874.00	6,363.27	113.08	81.05	-94.53	-7.84	2,591.06	4,724.42	4,604.51	119.91	39.400		
11,600.00	6,227.00	10,874.00	6,363.27	113.94	81.05	-94.53	-7.84	2,591.06	4,817.91	4,698.17	119.74	40.236		
11,700.00	6,227.00	10,874.00	6,363.27	114.83	81.05	-94.53	-7.84	2,591.06	4,911.67	4,792.09	119.58	41.074		
11,800.00	6,227.00	10,874.00	6,363.27	115.74	81.05	-94.53	-7.84	2,591.06	5,005.66	4,886.24	119.42	41.916		
11,900.00	6,227.00	10,874.00	6,363.27	116.68	81.05	-94.53	-7.84	2,591.06	5,099.89	4,980.62	119.27	42.759		
12,000.00	6,227.00	10,874.00	6,363.27	117.64	81.05	-94.53	-7.84	2,591.06	5,194.33	5,075.20	119.12	43.605		
12,100.00	6,227.00	10,874.00	6,363.27	118.63	81.05	-94.53	-7.84	2,591.06	5,288.97	5,169.99	118.98	44.454		
12,200.00	6,227.00	10,874.00	6,363.27	119.64	81.05	-94.53	-7.84	2,591.06	5,383.81	5,264.97	118.84	45.304		
12,300.00	6,227.00	10,874.00	6,363.27	120.68	81.05	-94.53	-7.84	2,591.06	5,478.83	5,360.13	118.70	46.156		
12,400.00	6,227.00	10,874.00	6,363.27	121.74	81.05	-94.53	-7.84	2,591.06	5,574.02	5,455.45	118.57	47.010		
12,500.00	6,227.00	10,874.00	6,363.27	122.82	81.05	-94.53	-7.84	2,591.06	5,669.38	5,550.94	118.44	47.865		
12,600.00	6,227.00	10,874.00	6,363.27	123.92	81.05	-94.53	-7.84	2,591.06	5,764.90	5,646.58	118.32	48.722		
12,700.00	6,227.00	10,874.00	6,363.27	125.04	81.05	-94.53	-7.84	2,591.06	5,860.57	5,742.37	118.20	49.581		
12,800.00	6,227.00	10,874.00	6,363.27	126.19	81.05	-94.53	-7.84	2,591.06	5,956.38	5,838.29	118.09	50.441		
12,900.00	6,227.00	10,874.00	6,363.27	127.35	81.05	-94.53	-7.84	2,591.06	6,052.32	5,934.35	117.98	51.302		
13,000.00	6,227.00	10,874.00	6,363.27	128.54	81.05	-94.53	-7.84	2,591.06	6,148.40	6,030.53	117.87	52.164		
13,100.00	6,227.00	10,874.00	6,363.27	129.74	81.05	-94.53	-7.84	2,591.06	6,244.60	6,126.83	117.76	53.027		
13,200.00	6,227.00	10,874.00	6,363.27	130.97	81.05	-94.53	-7.84	2,591.06	6,340.91	6,223.25	117.66	53.891		
13,300.00	6,227.00	10,874.00	6,363.27	132.21	81.05	-94.53	-7.84	2,591.06	6,437.34	6,319.78	117.56	54.756		
13,400.00	6,227.00	10,874.00	6,363.27	133.47	81.05	-94.53	-7.84	2,591.06	6,533.88	6,416.41	117.47	55.622		
13,500.00	6,227.00	10,874.00	6,363.27	134.74	81.05	-94.53	-7.84	2,591.06	6,630.51	6,513.14	117.38	56.489		
13,600.00	6,227.00	10,874.00	6,363.27	136.03	81.05	-94.53	-7.84	2,591.06	6,727.25	6,609.96	117.29	57.356		
13,700.00	6,227.00	10,874.00	6,363.27	137.34	81.05	-94.53	-7.84	2,591.06	6,824.08	6,706.88	117.20	58.224		
13,800.00	6,227.00	10,874.00	6,363.27	138.67	81.05	-94.53	-7.84	2,591.06	6,921.00	6,803.88	117.12	59.092		
13,900.00	6,227.00	10,874.00	6,363.27	140.00	81.05	-94.53	-7.84	2,591.06	7,018.01	6,900.97	117.04	59.961		
14,000.00	6,227.00	10,874.00	6,363.27	141.36	81.05	-94.53	-7.84	2,591.06	7,115.10	6,998.13	116.97	60.831		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 34-31-36HNB - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 98-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		
14,100.00	6,227.00	10,874.00	6,363.27	142.72	81.05	-94.53	-7.84	2,591.06	7,212.27	7,095.38	116.89	61.701		
14,200.00	6,227.00	10,874.00	6,363.27	144.10	81.05	-94.53	-7.84	2,591.06	7,309.51	7,192.69	116.82	62.571		
14,300.00	6,227.00	10,874.00	6,363.27	145.49	81.05	-94.53	-7.84	2,591.06	7,406.83	7,290.08	116.75	63.442		
14,400.00	6,227.00	10,874.00	6,363.27	146.90	81.05	-94.53	-7.84	2,591.06	7,504.22	7,387.54	116.68	64.313		
14,500.00	6,227.00	10,874.00	6,363.27	148.31	81.05	-94.53	-7.84	2,591.06	7,601.68	7,485.06	116.62	65.184		
14,600.00	6,227.00	10,874.00	6,363.27	149.74	81.05	-94.53	-7.84	2,591.06	7,699.20	7,582.64	116.56	66.055		
14,700.00	6,227.00	10,874.00	6,363.27	151.18	81.05	-94.53	-7.84	2,591.06	7,796.79	7,680.29	116.50	66.927		
14,800.00	6,227.00	10,874.00	6,363.27	152.62	81.05	-94.53	-7.84	2,591.06	7,894.43	7,777.99	116.44	67.799		
14,900.00	6,227.00	10,874.00	6,363.27	154.08	81.05	-94.53	-7.84	2,591.06	7,992.13	7,875.75	116.38	68.671		
15,000.00	6,227.00	10,874.00	6,363.27	155.55	81.05	-94.53	-7.84	2,591.06	8,089.89	7,973.56	116.33	69.542		
15,100.00	6,227.00	10,874.00	6,363.27	157.03	81.05	-94.53	-7.84	2,591.06	8,187.71	8,071.43	116.28	70.414		
15,200.00	6,227.00	10,874.00	6,363.27	158.51	81.05	-94.53	-7.84	2,591.06	8,285.58	8,169.35	116.23	71.287		
15,300.00	6,227.00	10,874.00	6,363.27	160.01	81.05	-94.53	-7.84	2,591.06	8,383.49	8,267.31	116.18	72.159		
15,400.00	6,227.00	10,874.00	6,363.27	161.51	81.05	-94.53	-7.84	2,591.06	8,481.46	8,365.32	116.14	73.031		
15,500.00	6,227.00	10,874.00	6,363.27	163.02	81.05	-94.53	-7.84	2,591.06	8,579.47	8,463.38	116.09	73.902		
15,600.00	6,227.00	10,874.00	6,363.27	164.54	81.05	-94.53	-7.84	2,591.06	8,677.53	8,561.48	116.05	74.774		
15,700.00	6,227.00	10,874.00	6,363.27	166.06	81.05	-94.53	-7.84	2,591.06	8,775.63	8,659.62	116.01	75.646		
15,800.00	6,227.00	10,874.00	6,363.27	167.59	81.05	-94.53	-7.84	2,591.06	8,873.77	8,757.80	115.97	76.518		
15,900.00	6,227.00	10,874.00	6,363.27	169.13	81.05	-94.53	-7.84	2,591.06	8,971.96	8,856.02	115.93	77.389		
16,000.00	6,227.00	10,874.00	6,363.27	170.68	81.05	-94.53	-7.84	2,591.06	9,070.18	8,954.28	115.90	78.261		
16,100.00	6,227.00	10,874.00	6,363.27	172.23	81.05	-94.53	-7.84	2,591.06	9,168.44	9,052.58	115.86	79.132		
16,200.00	6,227.00	10,874.00	6,363.27	173.78	81.05	-94.53	-7.84	2,591.06	9,266.74	9,150.91	115.83	80.003		
16,300.00	6,227.00	10,874.00	6,363.27	175.35	81.05	-94.53	-7.84	2,591.06	9,365.08	9,249.28	115.80	80.873		
16,400.00	6,227.00	10,874.00	6,363.27	176.92	81.05	-94.53	-7.84	2,591.06	9,463.45	9,347.68	115.77	81.744		
16,500.00	6,227.00	10,874.00	6,363.27	178.49	81.05	-94.53	-7.84	2,591.06	9,561.86	9,446.12	115.74	82.614		
16,600.00	6,227.00	10,874.00	6,363.27	180.07	81.05	-94.53	-7.84	2,591.06	9,660.29	9,544.58	115.71	83.484		
16,700.00	6,227.00	10,874.00	6,363.27	181.65	81.05	-94.53	-7.84	2,591.06	9,758.76	9,643.07	115.69	84.354		
16,800.00	6,227.00	10,874.00	6,363.27	183.24	81.05	-94.53	-7.84	2,591.06	9,857.26	9,741.60	115.66	85.223		
16,900.00	6,227.00	10,874.00	6,363.27	184.84	81.05	-94.53	-7.84	2,591.06	9,955.79	9,840.15	115.64	86.092		
17,000.00	6,227.00	10,874.00	6,363.27	186.43	81.05	-94.53	-7.84	2,591.06	10,054.35	9,938.73	115.62	86.961		

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 44-41-36HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 510-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
100.00	100.00	87.44	87.44	0.27	0.15	141.84	-4,337.41	3,407.71	5,515.96	5,515.54	0.42	N/A	
200.00	199.98	170.70	170.69	0.62	0.30	57.21	-4,337.92	3,407.69	5,515.49	5,514.57	0.92	5,996.577	
300.00	299.84	253.84	253.83	0.99	0.44	57.28	-4,338.76	3,407.65	5,513.43	5,512.00	1.42	3,872.608	
400.00	399.45	336.76	336.75	1.36	0.59	57.42	-4,339.94	3,407.60	5,509.79	5,507.85	1.94	2,841.741	
500.00	498.70	419.35	419.32	1.75	0.73	57.60	-4,341.43	3,407.54	5,504.60	5,502.13	2.47	2,229.963	
600.00	597.47	695.00	694.92	2.18	1.52	58.15	-4,342.72	3,405.74	5,496.25	5,492.58	3.67	1,498.055	
700.00	695.62	728.75	728.67	2.63	1.64	58.40	-4,342.16	3,405.91	5,485.01	5,480.79	4.21	1,302.104	
800.00	793.06	788.00	787.90	3.12	1.84	58.71	-4,341.62	3,406.96	5,473.19	5,468.32	4.87	1,123.199	
900.00	889.64	788.00	787.90	3.66	1.84	58.93	-4,341.62	3,406.96	5,460.54	5,455.17	5.37	1,017.542	
1,000.00	985.27	837.76	837.64	4.25	2.01	59.28	-4,341.73	3,408.48	5,447.28	5,441.20	6.07	897.019	
1,100.00	1,079.82	879.00	878.84	4.89	2.16	59.63	-4,342.30	3,410.09	5,433.50	5,426.71	6.79	799.778	
1,200.00	1,173.17	949.15	948.92	5.58	2.41	60.11	-4,343.83	3,412.96	5,418.86	5,411.19	7.67	706.676	
1,300.00	1,265.21	1,004.37	1,004.07	6.34	2.60	60.58	-4,345.09	3,415.40	5,403.02	5,394.48	8.54	632.442	
1,400.00	1,355.84	1,064.00	1,063.51	7.16	2.82	61.07	-4,345.82	3,419.99	5,386.54	5,377.05	9.49	567.540	
1,500.00	1,444.94	1,090.92	1,090.30	8.05	2.92	61.48	-4,346.02	3,422.68	5,369.36	5,358.97	10.39	516.987	
1,600.00	1,532.39	1,155.00	1,153.96	9.02	3.16	62.04	-4,346.76	3,429.93	5,351.82	5,340.34	11.48	466.234	
1,700.00	1,618.11	1,176.68	1,175.47	10.05	3.24	62.46	-4,347.08	3,432.62	5,333.52	5,321.03	12.49	427.071	
1,800.00	1,701.97	1,245.00	1,243.20	11.16	3.50	63.10	-4,348.21	3,441.51	5,314.66	5,300.92	13.74	386.749	
1,900.00	1,783.88	1,245.00	1,243.20	12.35	3.50	63.45	-4,348.21	3,441.51	5,295.38	5,280.57	14.82	357.430	
2,000.00	1,863.74	1,290.65	1,288.44	13.61	3.68	64.04	-4,349.74	3,447.45	5,275.70	5,259.57	16.14	326.931	
2,100.00	1,941.45	1,338.00	1,335.33	14.95	3.86	64.67	-4,352.85	3,453.20	5,256.28	5,238.74	17.54	299.617	
2,112.50	1,951.01	1,338.00	1,335.33	15.12	3.86	64.72	-4,352.85	3,453.20	5,253.78	5,236.08	17.70	296.788	
2,200.00	2,017.79	1,338.00	1,335.33	16.35	3.86	64.72	-4,352.85	3,453.20	5,237.03	5,218.21	18.82	278.209	
2,300.00	2,094.11	1,393.56	1,390.32	17.76	4.08	65.06	-4,357.70	3,459.48	5,219.18	5,198.84	20.34	256.576	
2,400.00	2,170.44	10,649.02	6,296.48	19.17	80.20	125.74	-111.95	3,930.44	5,142.54	5,083.29	59.25	86.789	
2,500.00	2,246.76	10,669.83	6,296.73	20.60	80.55	126.78	-91.16	3,931.38	5,043.19	4,983.65	59.54	84.702	
2,600.00	2,323.08	10,685.19	6,296.89	22.03	80.81	127.60	-75.81	3,932.04	4,943.82	4,884.05	59.77	82.713	
2,700.00	2,399.41	10,697.17	6,297.01	23.47	81.01	128.26	-63.85	3,932.55	4,844.46	4,784.49	59.97	80.783	
2,800.00	2,475.73	10,707.83	6,297.13	24.91	81.19	128.87	-53.19	3,933.00	4,745.10	4,684.95	60.15	78.882	
2,900.00	2,552.05	10,717.32	6,297.23	26.36	81.35	129.43	-43.71	3,933.40	4,645.75	4,585.42	60.33	77.005	
3,000.00	2,628.38	10,726.81	6,297.33	27.80	81.51	130.01	-34.23	3,933.79	4,546.41	4,485.90	60.51	75.137	
3,100.00	2,704.70	10,736.30	6,297.42	29.25	81.67	130.61	-24.75	3,934.19	4,447.08	4,386.39	60.69	73.280	
3,200.00	2,781.02	10,745.79	6,297.52	30.71	81.83	131.22	-15.27	3,934.58	4,347.75	4,286.89	60.86	71.434	
3,300.00	2,857.35	10,752.00	6,297.59	32.16	81.94	131.63	-9.07	3,934.84	4,248.44	4,187.43	61.02	69.627	
3,400.00	2,933.67	10,752.00	6,297.59	33.62	81.94	131.63	-9.07	3,934.84	4,149.16	4,088.03	61.13	67.880	
3,500.00	3,009.99	10,752.00	6,297.59	35.07	81.94	131.63	-9.07	3,934.84	4,049.91	3,988.67	61.24	66.131	
3,600.00	3,086.31	10,752.00	6,297.59	36.53	81.94	131.63	-9.07	3,934.84	3,950.70	3,889.34	61.36	64.382	
3,700.00	3,162.64	10,752.00	6,297.59	37.99	81.94	131.63	-9.07	3,934.84	3,851.53	3,790.04	61.49	62.633	
3,800.00	3,238.96	10,752.00	6,297.59	39.45	81.94	131.63	-9.07	3,934.84	3,752.41	3,690.77	61.63	60.884	
3,900.00	3,315.28	10,752.00	6,297.59	40.91	81.94	131.63	-9.07	3,934.84	3,653.33	3,591.55	61.78	59.135	
4,000.00	3,391.61	10,752.00	6,297.59	42.37	81.94	131.63	-9.07	3,934.84	3,554.30	3,492.37	61.94	57.388	
4,100.00	3,467.93	10,752.00	6,297.59	43.84	81.94	131.63	-9.07	3,934.84	3,455.33	3,393.23	62.10	55.641	
4,200.00	3,544.25	10,752.00	6,297.59	45.30	81.94	131.63	-9.07	3,934.84	3,356.43	3,294.15	62.28	53.896	
4,300.00	3,620.58	10,752.00	6,297.59	46.76	81.94	131.63	-9.07	3,934.84	3,257.58	3,195.12	62.46	52.152	
4,400.00	3,696.90	10,752.00	6,297.59	48.23	81.94	131.63	-9.07	3,934.84	3,158.82	3,096.15	62.66	50.411	
4,500.00	3,773.22	10,752.00	6,297.59	49.69	81.94	131.63	-9.07	3,934.84	3,060.13	2,997.25	62.87	48.672	
4,600.00	3,849.55	10,752.00	6,297.59	51.16	81.94	131.63	-9.07	3,934.84	2,961.53	2,898.43	63.10	46.935	
4,700.00	3,925.87	10,752.00	6,297.59	52.62	81.94	131.63	-9.07	3,934.84	2,863.02	2,799.68	63.34	45.201	
4,800.00	4,002.19	10,752.00	6,297.59	54.09	81.94	131.63	-9.07	3,934.84	2,764.62	2,701.03	63.60	43.471	
4,900.00	4,078.51	10,752.00	6,297.59	55.56	81.94	131.63	-9.07	3,934.84	2,666.35	2,602.47	63.87	41.745	
5,000.00	4,154.84	10,752.00	6,297.59	57.02	81.94	131.63	-9.07	3,934.84	2,568.20	2,504.03	64.17	40.022	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 44-41-36HNB - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 510-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	4,231.16	10,752.00	6,297.59	58.49	81.94	131.63	-9.07	3,934.84	2,470.21	2,405.72	64.49	38.305		
5,200.00	4,307.48	10,752.00	6,297.59	59.96	81.94	131.63	-9.07	3,934.84	2,372.38	2,307.55	64.83	36.592		
5,300.00	4,383.81	10,752.00	6,297.59	61.43	81.94	131.63	-9.07	3,934.84	2,274.74	2,209.53	65.21	34.885		
5,400.00	4,460.13	10,752.00	6,297.59	62.89	81.94	131.63	-9.07	3,934.84	2,177.32	2,111.71	65.61	33.185		
5,500.00	4,536.45	10,752.00	6,297.59	64.36	81.94	131.63	-9.07	3,934.84	2,080.14	2,014.08	66.05	31.492		
5,600.00	4,612.78	10,752.00	6,297.59	65.83	81.94	131.63	-9.07	3,934.84	1,983.24	1,916.70	66.53	29.807		
5,700.00	4,689.10	10,752.00	6,297.59	67.30	81.94	131.63	-9.07	3,934.84	1,886.66	1,819.60	67.06	28.132		
5,800.00	4,765.42	10,752.00	6,297.59	68.77	81.94	131.63	-9.07	3,934.84	1,790.46	1,722.81	67.65	26.468		
5,900.00	4,841.75	10,752.00	6,297.59	70.24	81.94	131.63	-9.07	3,934.84	1,694.70	1,626.41	68.29	24.816		
6,000.00	4,918.07	10,752.00	6,297.59	71.70	81.94	131.63	-9.07	3,934.84	1,599.46	1,530.45	69.00	23.179		
6,100.00	4,994.39	10,752.00	6,297.59	73.17	81.94	131.63	-9.07	3,934.84	1,504.83	1,435.03	69.80	21.559		
6,200.00	5,070.72	10,752.00	6,297.59	74.64	81.94	131.63	-9.07	3,934.84	1,410.95	1,340.26	70.69	19.959		
6,300.00	5,147.04	10,752.00	6,297.59	76.11	81.94	131.63	-9.07	3,934.84	1,317.97	1,246.27	71.69	18.383		
6,400.00	5,223.36	10,752.00	6,297.59	77.58	81.94	131.63	-9.07	3,934.84	1,226.09	1,153.26	72.83	16.835		
6,500.00	5,299.68	10,752.00	6,297.59	79.05	81.94	131.63	-9.07	3,934.84	1,135.59	1,061.47	74.12	15.322		
6,600.00	5,376.01	10,752.00	6,297.59	80.52	81.94	131.63	-9.07	3,934.84	1,046.81	971.23	75.59	13.849		
6,700.00	5,452.33	10,752.00	6,297.59	81.99	81.94	131.63	-9.07	3,934.84	960.25	882.97	77.28	12.426		
6,800.00	5,528.65	10,752.00	6,297.59	83.46	81.94	131.63	-9.07	3,934.84	876.55	797.32	79.23	11.063		
6,900.00	5,604.98	10,752.00	6,297.59	84.93	81.94	131.63	-9.07	3,934.84	796.62	715.10	81.51	9.773		
7,000.00	5,681.30	10,752.00	6,297.59	86.40	81.94	131.63	-9.07	3,934.84	721.71	637.48	84.23	8.568		
7,100.00	5,757.62	10,752.00	6,297.59	87.87	81.94	131.63	-9.07	3,934.84	653.54	565.97	87.58	7.463		
7,176.71	5,816.17	10,752.00	6,297.59	89.00	81.94	131.63	-9.07	3,934.84	607.26	516.46	90.80	6.688		
7,200.00	5,833.92	10,752.00	6,297.59	89.34	81.94	133.47	-9.07	3,934.84	594.78	502.82	91.95	6.468		
7,250.00	5,871.73	10,752.00	6,297.59	90.07	81.94	137.71	-9.07	3,934.84	572.60	477.73	94.87	6.036		
7,300.00	5,908.91	10,752.00	6,297.59	90.78	81.94	142.17	-9.07	3,934.84	557.46	459.16	98.30	5.671		
7,350.00	5,945.18	10,752.00	6,297.59	91.48	81.94	146.68	-9.07	3,934.84	550.07	448.04	102.03	5.391		
7,370.60	5,959.80	10,752.00	6,297.59	91.75	81.94	148.54	-9.07	3,934.84	549.37	445.78	103.59	5.304 CC		
7,400.00	5,980.26	10,752.00	6,297.59	92.14	81.94	151.18	-9.07	3,934.84	550.78	445.01	105.77	5.207 ES		
7,450.00	6,013.88	10,752.00	6,297.59	92.77	81.94	155.64	-9.07	3,934.84	559.57	450.35	109.22	5.123 SF		
7,500.00	6,045.79	10,752.00	6,297.59	93.36	81.94	160.11	-9.07	3,934.84	575.99	463.87	112.13	5.137		
7,550.00	6,075.75	10,752.00	6,297.59	93.90	81.94	164.68	-9.07	3,934.84	599.32	484.93	114.38	5.240		
7,600.00	6,103.52	10,752.00	6,297.59	94.40	81.94	169.50	-9.07	3,934.84	628.60	512.60	116.00	5.419		
7,650.00	6,128.89	10,752.00	6,297.59	94.85	81.94	174.77	-9.07	3,934.84	662.85	545.78	117.06	5.662		
7,700.00	6,151.68	10,752.00	6,297.59	95.25	81.94	-179.22	-9.07	3,934.84	701.09	583.41	117.68	5.958		
7,750.00	6,171.71	10,752.00	6,297.59	95.60	81.94	-172.11	-9.07	3,934.84	742.45	624.48	117.97	6.294		
7,800.00	6,188.82	10,752.00	6,297.59	95.91	81.94	-163.43	-9.07	3,934.84	786.14	668.12	118.02	6.661		
7,850.00	6,202.89	10,752.00	6,297.59	96.16	81.94	-152.74	-9.07	3,934.84	831.50	713.57	117.92	7.051		
7,900.00	6,213.81	10,752.00	6,297.59	96.38	81.94	-139.90	-9.07	3,934.84	877.93	760.22	117.72	7.458		
7,950.00	6,221.49	10,752.00	6,297.59	96.55	81.94	-125.57	-9.07	3,934.84	924.97	807.52	117.45	7.876		
8,000.00	6,225.88	10,752.00	6,297.59	96.69	81.94	-111.29	-9.07	3,934.84	972.18	855.04	117.14	8.299		
8,040.96	6,227.00	10,752.00	6,297.59	96.77	81.94	-100.82	-9.07	3,934.84	1,010.73	893.86	116.87	8.648		
8,100.00	6,227.00	10,752.00	6,297.59	96.88	81.94	-100.82	-9.07	3,934.84	1,066.33	949.82	116.51	9.152		
8,200.00	6,227.00	10,752.00	6,297.59	97.07	81.94	-100.82	-9.07	3,934.84	1,161.26	1,045.28	115.99	10.012		
8,300.00	6,227.00	10,752.00	6,297.59	97.28	81.94	-100.82	-9.07	3,934.84	1,256.99	1,141.42	115.57	10.876		
8,400.00	6,227.00	10,752.00	6,297.59	97.49	81.94	-100.82	-9.07	3,934.84	1,353.33	1,238.09	115.25	11.743		
8,500.00	6,227.00	10,752.00	6,297.59	97.72	81.94	-100.82	-9.07	3,934.84	1,450.17	1,335.18	114.99	12.612		
8,600.00	6,227.00	10,752.00	6,297.59	97.97	81.94	-100.82	-9.07	3,934.84	1,547.41	1,432.62	114.79	13.481		
8,700.00	6,227.00	10,752.00	6,297.59	98.23	81.94	-100.82	-9.07	3,934.84	1,644.98	1,530.35	114.63	14.351		
8,800.00	6,227.00	10,752.00	6,297.59	98.50	81.94	-100.82	-9.07	3,934.84	1,742.83	1,628.32	114.51	15.220		
8,900.00	6,227.00	10,752.00	6,297.59	98.79	81.94	-100.82	-9.07	3,934.84	1,840.90	1,726.49	114.42	16.090		
9,000.00	6,227.00	10,752.00	6,297.59	99.09	81.94	-100.82	-9.07	3,934.84	1,939.18	1,824.83	114.35	16.959		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 44-41-36HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 510-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	
9,100.00	6,227.00	10,752.00	6,297.59	99.41	81.94	-100.82	-9.07	3,934.84	2,037.62	1,923.32	114.30	17.827	
9,200.00	6,227.00	10,752.00	6,297.59	99.75	81.94	-100.82	-9.07	3,934.84	2,136.21	2,021.94	114.26	18.695	
9,300.00	6,227.00	10,752.00	6,297.59	100.10	81.94	-100.82	-9.07	3,934.84	2,234.92	2,120.68	114.24	19.563	
9,400.00	6,227.00	10,752.00	6,297.59	100.47	81.94	-100.82	-9.07	3,934.84	2,333.74	2,219.51	114.23	20.430	
9,500.00	6,227.00	10,752.00	6,297.59	100.86	81.94	-100.82	-9.07	3,934.84	2,432.66	2,318.44	114.23	21.297	
9,600.00	6,227.00	10,752.00	6,297.59	101.26	81.94	-100.82	-9.07	3,934.84	2,531.66	2,417.44	114.23	22.163	
9,700.00	6,227.00	10,752.00	6,297.59	101.68	81.94	-100.82	-9.07	3,934.84	2,630.74	2,516.51	114.24	23.029	
9,800.00	6,227.00	10,752.00	6,297.59	102.13	81.94	-100.82	-9.07	3,934.84	2,729.89	2,615.64	114.25	23.894	
9,900.00	6,227.00	10,752.00	6,297.59	102.59	81.94	-100.82	-9.07	3,934.84	2,829.09	2,714.83	114.26	24.759	
10,000.00	6,227.00	10,752.00	6,297.59	103.07	81.94	-100.82	-9.07	3,934.84	2,928.35	2,814.07	114.28	25.624	
10,100.00	6,227.00	10,752.00	6,297.59	103.58	81.94	-100.82	-9.07	3,934.84	3,027.66	2,913.36	114.30	26.488	
10,200.00	6,227.00	10,752.00	6,297.59	104.10	81.94	-100.82	-9.07	3,934.84	3,127.02	3,012.69	114.33	27.352	
10,300.00	6,227.00	10,752.00	6,297.59	104.65	81.94	-100.82	-9.07	3,934.84	3,226.41	3,112.06	114.35	28.215	
10,400.00	6,227.00	10,752.00	6,297.59	105.22	81.94	-100.82	-9.07	3,934.84	3,325.84	3,211.46	114.38	29.078	
10,500.00	6,227.00	10,752.00	6,297.59	105.82	81.94	-100.82	-9.07	3,934.84	3,425.30	3,310.90	114.40	29.941	
10,600.00	6,227.00	10,752.00	6,297.59	106.43	81.94	-100.82	-9.07	3,934.84	3,524.79	3,410.36	114.43	30.803	
10,700.00	6,227.00	10,752.00	6,297.59	107.07	81.94	-100.82	-9.07	3,934.84	3,624.31	3,509.86	114.46	31.665	
10,800.00	6,227.00	10,752.00	6,297.59	107.74	81.94	-100.82	-9.07	3,934.84	3,723.86	3,609.37	114.49	32.526	
10,900.00	6,227.00	10,752.00	6,297.59	108.42	81.94	-100.82	-9.07	3,934.84	3,823.43	3,708.91	114.52	33.388	
11,000.00	6,227.00	10,752.00	6,297.59	109.14	81.94	-100.82	-9.07	3,934.84	3,923.02	3,808.48	114.55	34.249	
11,100.00	6,227.00	10,752.00	6,297.59	109.87	81.94	-100.82	-9.07	3,934.84	4,022.64	3,908.06	114.57	35.109	
11,200.00	6,227.00	10,752.00	6,297.59	110.64	81.94	-100.82	-9.07	3,934.84	4,122.27	4,007.66	114.60	35.970	
11,300.00	6,227.00	10,752.00	6,297.59	111.43	81.94	-100.82	-9.07	3,934.84	4,221.91	4,107.28	114.63	36.830	
11,400.00	6,227.00	10,752.00	6,297.59	112.24	81.94	-100.82	-9.07	3,934.84	4,321.58	4,206.92	114.66	37.689	
11,500.00	6,227.00	10,752.00	6,297.59	113.08	81.94	-100.82	-9.07	3,934.84	4,421.26	4,306.57	114.69	38.549	
11,600.00	6,227.00	10,752.00	6,297.59	113.94	81.94	-100.82	-9.07	3,934.84	4,520.95	4,406.23	114.72	39.408	
11,700.00	6,227.00	10,752.00	6,297.59	114.83	81.94	-100.82	-9.07	3,934.84	4,620.66	4,505.91	114.75	40.267	
11,800.00	6,227.00	10,752.00	6,297.59	115.74	81.94	-100.82	-9.07	3,934.84	4,720.38	4,605.60	114.78	41.125	
11,900.00	6,227.00	10,752.00	6,297.59	116.68	81.94	-100.82	-9.07	3,934.84	4,820.11	4,705.30	114.81	41.983	
12,000.00	6,227.00	10,752.00	6,297.59	117.64	81.94	-100.82	-9.07	3,934.84	4,919.85	4,805.01	114.84	42.841	
12,100.00	6,227.00	10,752.00	6,297.59	118.63	81.94	-100.82	-9.07	3,934.84	5,019.61	4,904.74	114.87	43.699	
12,200.00	6,227.00	10,752.00	6,297.59	119.64	81.94	-100.82	-9.07	3,934.84	5,119.37	5,004.47	114.90	44.556	
12,300.00	6,227.00	10,752.00	6,297.59	120.68	81.94	-100.82	-9.07	3,934.84	5,219.14	5,104.21	114.93	45.413	
12,400.00	6,227.00	10,752.00	6,297.59	121.74	81.94	-100.82	-9.07	3,934.84	5,318.92	5,203.96	114.96	46.269	
12,500.00	6,227.00	10,752.00	6,297.59	122.82	81.94	-100.82	-9.07	3,934.84	5,418.71	5,303.72	114.98	47.125	
12,600.00	6,227.00	10,752.00	6,297.59	123.92	81.94	-100.82	-9.07	3,934.84	5,518.50	5,403.49	115.01	47.981	
12,700.00	6,227.00	10,752.00	6,297.59	125.04	81.94	-100.82	-9.07	3,934.84	5,618.30	5,503.26	115.04	48.837	
12,800.00	6,227.00	10,752.00	6,297.59	126.19	81.94	-100.82	-9.07	3,934.84	5,718.11	5,603.04	115.07	49.692	
12,900.00	6,227.00	10,752.00	6,297.59	127.35	81.94	-100.82	-9.07	3,934.84	5,817.93	5,702.83	115.10	50.547	
13,000.00	6,227.00	10,752.00	6,297.59	128.54	81.94	-100.82	-9.07	3,934.84	5,917.75	5,802.63	115.13	51.402	
13,100.00	6,227.00	10,752.00	6,297.59	129.74	81.94	-100.82	-9.07	3,934.84	6,017.58	5,902.43	115.16	52.256	
13,200.00	6,227.00	10,752.00	6,297.59	130.97	81.94	-100.82	-9.07	3,934.84	6,117.42	6,002.23	115.18	53.110	
13,300.00	6,227.00	10,752.00	6,297.59	132.21	81.94	-100.82	-9.07	3,934.84	6,217.25	6,102.04	115.21	53.963	
13,400.00	6,227.00	10,752.00	6,297.59	133.47	81.94	-100.82	-9.07	3,934.84	6,317.10	6,201.86	115.24	54.816	
13,500.00	6,227.00	10,752.00	6,297.59	134.74	81.94	-100.82	-9.07	3,934.84	6,416.95	6,301.68	115.27	55.669	
13,600.00	6,227.00	10,752.00	6,297.59	136.03	81.94	-100.82	-9.07	3,934.84	6,516.80	6,401.51	115.30	56.522	
13,700.00	6,227.00	10,752.00	6,297.59	137.34	81.94	-100.82	-9.07	3,934.84	6,616.66	6,501.34	115.33	57.374	
13,800.00	6,227.00	10,752.00	6,297.59	138.67	81.94	-100.82	-9.07	3,934.84	6,716.52	6,601.17	115.35	58.226	
13,900.00	6,227.00	10,752.00	6,297.59	140.00	81.94	-100.82	-9.07	3,934.84	6,816.39	6,701.01	115.38	59.077	
14,000.00	6,227.00	10,752.00	6,297.59	141.36	81.94	-100.82	-9.07	3,934.84	6,916.26	6,800.85	115.41	59.928	
14,100.00	6,227.00	10,752.00	6,297.59	142.72	81.94	-100.82	-9.07	3,934.84	7,016.13	6,900.70	115.44	60.779	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE 44-41-36HNB - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 510-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		
14,200.00	6,227.00	10,752.00	6,297.59	144.10	81.94	-100.82	-9.07	3,934.84	7,116.01	7,000.55	115.47	61.629		
14,300.00	6,227.00	10,752.00	6,297.59	145.49	81.94	-100.82	-9.07	3,934.84	7,215.89	7,100.40	115.49	62.479		
14,400.00	6,227.00	10,752.00	6,297.59	146.90	81.94	-100.82	-9.07	3,934.84	7,315.78	7,200.26	115.52	63.328		
14,500.00	6,227.00	10,752.00	6,297.59	148.31	81.94	-100.82	-9.07	3,934.84	7,415.66	7,300.11	115.55	64.177		
14,600.00	6,227.00	10,752.00	6,297.59	149.74	81.94	-100.82	-9.07	3,934.84	7,515.55	7,399.98	115.58	65.026		
14,700.00	6,227.00	10,752.00	6,297.59	151.18	81.94	-100.82	-9.07	3,934.84	7,615.45	7,499.84	115.61	65.874		
14,800.00	6,227.00	10,752.00	6,297.59	152.62	81.94	-100.82	-9.07	3,934.84	7,715.34	7,599.71	115.63	66.722		
14,900.00	6,227.00	10,752.00	6,297.59	154.08	81.94	-100.82	-9.07	3,934.84	7,815.24	7,699.58	115.66	67.570		
15,000.00	6,227.00	10,752.00	6,297.59	155.55	81.94	-100.82	-9.07	3,934.84	7,915.14	7,799.45	115.69	68.417		
15,100.00	6,227.00	10,752.00	6,297.59	157.03	81.94	-100.82	-9.07	3,934.84	8,015.05	7,899.33	115.72	69.264		
15,200.00	6,227.00	10,752.00	6,297.59	158.51	81.94	-100.82	-9.07	3,934.84	8,114.95	7,999.21	115.75	70.110		
15,300.00	6,227.00	10,752.00	6,297.59	160.01	81.94	-100.82	-9.07	3,934.84	8,214.86	8,099.09	115.77	70.956		
15,400.00	6,227.00	10,752.00	6,297.59	161.51	81.94	-100.82	-9.07	3,934.84	8,314.77	8,198.97	115.80	71.801		
15,500.00	6,227.00	10,752.00	6,297.59	163.02	81.94	-100.82	-9.07	3,934.84	8,414.68	8,298.85	115.83	72.646		
15,600.00	6,227.00	10,752.00	6,297.59	164.54	81.94	-100.82	-9.07	3,934.84	8,514.60	8,398.74	115.86	73.490		
15,700.00	6,227.00	10,752.00	6,297.59	166.06	81.94	-100.82	-9.07	3,934.84	8,614.52	8,498.63	115.89	74.334		
15,800.00	6,227.00	10,752.00	6,297.59	167.59	81.94	-100.82	-9.07	3,934.84	8,714.43	8,598.52	115.92	75.178		
15,900.00	6,227.00	10,752.00	6,297.59	169.13	81.94	-100.82	-9.07	3,934.84	8,814.36	8,698.41	115.95	76.021		
16,000.00	6,227.00	10,752.00	6,297.59	170.68	81.94	-100.82	-9.07	3,934.84	8,914.28	8,798.30	115.97	76.864		
16,100.00	6,227.00	10,752.00	6,297.59	172.23	81.94	-100.82	-9.07	3,934.84	9,014.20	8,898.20	116.00	77.706		
16,200.00	6,227.00	10,752.00	6,297.59	173.78	81.94	-100.82	-9.07	3,934.84	9,114.13	8,998.09	116.03	78.548		
16,300.00	6,227.00	10,752.00	6,297.59	175.35	81.94	-100.82	-9.07	3,934.84	9,214.05	9,097.99	116.06	79.389		
16,400.00	6,227.00	10,752.00	6,297.59	176.92	81.94	-100.82	-9.07	3,934.84	9,313.98	9,197.89	116.09	80.230		
16,500.00	6,227.00	10,752.00	6,297.59	178.49	81.94	-100.82	-9.07	3,934.84	9,413.91	9,297.79	116.12	81.071		
16,600.00	6,227.00	10,752.00	6,297.59	180.07	81.94	-100.82	-9.07	3,934.84	9,513.85	9,397.70	116.15	81.910		
16,700.00	6,227.00	10,752.00	6,297.59	181.65	81.94	-100.82	-9.07	3,934.84	9,613.78	9,497.60	116.18	82.750		
16,800.00	6,227.00	10,752.00	6,297.59	183.24	81.94	-100.82	-9.07	3,934.84	9,713.71	9,597.50	116.21	83.589		
16,900.00	6,227.00	10,752.00	6,297.59	184.84	81.94	-100.82	-9.07	3,934.84	9,813.65	9,697.41	116.24	84.427		
17,000.00	6,227.00	10,752.00	6,297.59	186.43	81.94	-100.82	-9.07	3,934.84	9,913.59	9,797.32	116.27	85.265		
17,100.00	6,227.00	10,752.00	6,297.59	188.04	81.94	-100.82	-9.07	3,934.84	10,013.52	9,897.23	116.30	86.102		
17,200.00	6,227.00	10,752.00	6,297.59	189.64	81.94	-100.82	-9.07	3,934.84	10,113.46	9,997.14	116.33	86.939		

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE F11-J14-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 129-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	0.53	119.86	1.11	120.20				
100.00	100.00	91.33	91.33	0.27	0.14	0.53	119.73	1.11	119.74	119.33	0.41	291.295	
200.00	199.98	191.68	191.68	0.62	0.42	-84.93	119.31	1.20	119.15	118.10	1.05	113.763	
300.00	299.84	291.01	291.01	0.99	0.78	-87.23	118.84	1.67	118.31	116.55	1.76	67.286	
381.39	380.94	372.02	372.01	1.29	1.06	-90.35	118.84	2.04	118.14	115.79	2.35	50.282 CC	
400.00	399.45	390.56	390.56	1.36	1.13	-91.24	118.83	2.10	118.15	115.67	2.48	47.549	
500.00	498.70	490.85	490.84	1.75	1.48	-97.13	118.36	2.18	118.57	115.33	3.23	36.661 ES	
600.00	597.47	589.58	589.57	2.18	1.83	-104.50	117.34	2.18	120.54	116.54	4.00	30.143	
700.00	695.62	686.27	686.26	2.63	2.17	-112.22	117.36	2.94	126.36	121.59	4.77	26.488	
800.00	793.06	782.10	782.03	3.12	2.50	-119.20	119.79	5.04	137.37	131.82	5.55	24.768	
900.00	889.64	879.46	879.15	3.66	2.85	-124.91	125.05	9.19	153.06	146.72	6.34	24.138	
1,000.00	985.27	979.80	979.05	4.25	3.20	-129.71	131.30	16.13	171.00	163.83	7.17	23.862 SF	
1,100.00	1,079.82	1,077.93	1,076.72	4.89	3.56	-134.17	136.52	24.12	190.83	182.84	7.99	23.875	
1,200.00	1,173.17	1,173.43	1,171.63	5.58	3.92	-137.88	142.64	32.71	214.16	205.34	8.82	24.283	
1,300.00	1,265.21	1,266.66	1,264.25	6.34	4.27	-141.10	149.35	40.99	241.44	231.81	9.64	25.049	
1,400.00	1,355.84	1,359.80	1,356.92	7.16	4.63	-144.29	155.37	48.10	272.88	262.43	10.45	26.120	
1,500.00	1,444.94	1,447.37	1,444.12	8.05	4.96	-147.05	160.78	54.04	308.49	297.27	11.22	27.499	
1,600.00	1,532.39	1,532.95	1,529.32	9.02	5.28	-149.29	167.25	58.83	349.10	337.12	11.98	29.142	
1,700.00	1,618.11	1,621.09	1,617.17	10.05	5.61	-151.48	173.29	62.77	393.81	381.06	12.75	30.884	
1,800.00	1,701.97	1,716.36	1,712.15	11.16	5.97	-153.66	179.01	67.34	441.41	427.84	13.57	32.527	
1,900.00	1,783.88	1,815.38	1,810.66	12.35	6.35	-155.58	184.38	75.79	488.90	474.48	14.42	33.894	
2,000.00	1,863.74	1,895.35	1,890.13	13.61	6.66	-156.74	189.62	82.98	539.57	524.40	15.17	35.559	
2,100.00	1,941.45	1,969.63	1,963.93	14.95	6.95	-157.58	195.51	89.00	594.30	578.41	15.89	37.391	
2,112.50	1,951.01	1,978.30	1,972.54	15.12	6.98	-157.67	196.27	89.63	601.45	585.46	15.98	37.627	
2,200.00	2,017.79	2,034.00	2,027.88	16.35	7.20	-158.53	201.53	93.25	652.41	635.87	16.54	39.446	
2,300.00	2,094.11	2,107.19	2,100.61	17.76	7.48	-159.48	208.90	96.90	712.07	694.82	17.25	41.284	
2,400.00	2,170.44	2,180.39	2,173.41	19.17	7.76	-160.35	215.98	99.52	772.86	754.91	17.95	43.055	
2,500.00	2,246.76	2,265.34	2,258.04	20.60	8.08	-161.33	222.81	102.19	833.93	815.19	18.74	44.498	
2,600.00	2,323.08	2,370.75	2,363.15	22.03	8.48	-162.51	229.01	107.24	893.60	873.92	19.68	45.410	
2,700.00	2,399.41	2,481.20	2,473.20	23.47	8.89	-163.71	232.76	115.75	950.74	930.12	20.62	46.104	
2,800.00	2,475.73	2,587.06	2,578.44	24.91	9.30	-164.80	234.46	126.93	1,005.43	983.92	21.51	46.740	
2,900.00	2,552.05	2,663.30	2,654.15	26.36	9.60	-165.43	236.61	135.62	1,059.77	1,037.55	22.22	47.701	
3,000.00	2,628.38	2,723.74	2,714.22	27.80	9.83	-165.82	239.54	141.72	1,115.45	1,092.63	22.82	48.880	
3,100.00	2,704.70	2,801.02	2,791.06	29.25	10.14	-166.24	244.15	148.53	1,172.34	1,148.79	23.55	49.771	
3,200.00	2,781.02	2,883.98	2,873.56	30.71	10.46	-166.66	248.79	155.81	1,229.28	1,204.94	24.33	50.520	
3,300.00	2,857.35	2,960.11	2,949.26	32.16	10.76	-167.00	253.36	162.48	1,286.31	1,261.25	25.06	51.329	
3,400.00	2,933.67	3,031.74	3,020.53	33.62	11.04	-167.29	257.69	168.24	1,343.94	1,318.19	25.75	52.191	
3,500.00	3,009.99	3,101.75	3,090.19	35.07	11.31	-167.54	262.35	173.40	1,402.21	1,375.78	26.43	53.054	
3,600.00	3,086.31	3,165.51	3,153.66	36.53	11.56	-167.74	266.86	177.46	1,461.32	1,434.27	27.06	54.011	
3,700.00	3,162.64	3,278.08	3,265.69	37.99	12.00	-168.06	274.98	184.94	1,520.31	1,492.20	28.11	54.092	
3,800.00	3,238.96	3,346.15	3,333.35	39.45	12.27	-168.20	280.44	189.92	1,578.70	1,549.92	28.78	54.850	
3,900.00	3,315.28	3,415.06	3,401.81	40.91	12.54	-168.31	286.76	194.65	1,637.57	1,608.10	29.47	55.563	
4,000.00	3,391.61	3,476.41	3,462.73	42.37	12.78	-168.38	292.97	198.37	1,697.15	1,667.05	30.10	56.389	
4,100.00	3,467.93	3,536.16	3,522.11	43.84	13.01	-168.44	299.05	201.18	1,757.78	1,727.07	30.70	57.250	
4,200.00	3,544.25	3,650.20	3,636.56	45.30	13.45	-168.62	309.01	206.95	1,818.11	1,786.31	31.80	57.173	
4,300.00	3,620.58	3,745.53	3,730.42	46.76	13.82	-168.80	315.94	213.37	1,876.95	1,844.24	32.71	57.380	
4,400.00	3,696.90	3,828.60	3,813.07	48.23	14.15	-168.95	322.11	218.89	1,935.94	1,902.42	33.52	57.762	
4,500.00	3,773.22	3,931.81	3,915.63	49.69	14.56	-169.08	330.67	226.74	1,994.17	1,959.66	34.51	57.788	
4,600.00	3,849.55	4,025.74	4,008.85	51.16	14.94	-169.17	338.97	234.69	2,051.75	2,016.33	35.43	57.917	
4,700.00	3,925.87	4,094.84	4,077.41	52.62	15.22	-169.24	345.17	240.66	2,109.22	2,073.10	36.13	58.385	
4,800.00	4,002.19	4,160.44	4,142.55	54.09	15.48	-169.29	351.17	245.64	2,167.50	2,130.70	36.79	58.908	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE F11-J14-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 129-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	
4,900.00	4,078.51	4,256.03	4,237.40	55.56	15.87	-169.35	360.47	253.09	2,225.67	2,187.93	37.74	58.977	
5,000.00	4,154.84	4,346.33	4,327.11	57.02	16.23	-169.45	367.58	260.49	2,283.44	2,244.82	38.62	59.129	
5,100.00	4,231.16	4,427.28	4,407.52	58.49	16.55	-169.54	373.78	267.35	2,340.97	2,301.56	39.41	59.398	
5,200.00	4,307.48	4,494.00	4,473.84	59.96	16.82	-169.61	378.85	272.62	2,398.95	2,358.87	40.08	59.853	
5,300.00	4,383.81	4,605.63	4,584.69	61.43	17.27	-169.71	387.87	282.24	2,456.31	2,415.16	41.15	59.689	
5,400.00	4,460.13	4,671.00	4,649.60	62.89	17.53	-169.76	393.39	287.68	2,513.96	2,472.14	41.82	60.117	
5,500.00	4,536.45	4,716.61	4,694.94	64.36	17.71	-169.80	397.11	291.00	2,572.39	2,530.09	42.30	60.813	
5,600.00	4,612.78	4,783.08	4,761.07	65.83	17.97	-169.86	402.15	295.28	2,631.55	2,588.59	42.96	61.251	
5,700.00	4,689.10	4,909.64	4,887.02	67.30	18.47	-170.00	411.05	304.02	2,690.48	2,646.32	44.16	60.928	
5,800.00	4,765.42	5,032.01	5,008.64	68.77	18.96	-170.13	419.08	314.88	2,747.63	2,702.32	45.30	60.647	
5,900.00	4,841.75	5,084.71	5,061.02	70.24	19.17	-170.19	422.50	319.53	2,804.82	2,758.97	45.85	61.175	
6,000.00	4,918.07	5,167.60	5,143.44	71.70	19.50	-170.27	428.04	326.37	2,862.53	2,815.88	46.66	61.355	
6,100.00	4,994.39	5,251.05	5,226.37	73.17	19.83	-170.34	433.89	333.59	2,919.93	2,872.46	47.47	61.510	
6,200.00	5,070.72	5,321.78	5,296.63	74.64	20.11	-170.38	439.42	339.54	2,977.55	2,929.37	48.18	61.800	
6,300.00	5,147.04	5,391.63	5,366.00	76.11	20.39	-170.42	445.33	345.15	3,035.51	2,986.62	48.89	62.092	
6,400.00	5,223.36	5,462.00	5,435.89	77.58	20.68	-170.44	451.55	350.62	3,093.70	3,044.09	49.60	62.372	
6,500.00	5,299.68	5,499.49	5,473.17	79.05	20.82	-170.46	454.56	353.20	3,152.62	3,102.61	50.00	63.048	
6,600.00	5,376.01	5,550.00	5,523.53	80.52	21.02	-170.52	457.49	355.71	3,212.80	3,162.29	50.51	63.606	
6,700.00	5,452.33	5,580.71	5,554.18	81.99	21.13	-170.56	458.86	356.85	3,273.83	3,223.01	50.82	64.414	
6,800.00	5,528.65	5,638.00	5,611.39	83.46	21.33	-170.64	461.28	358.70	3,335.52	3,284.15	51.37	64.927	
6,900.00	5,604.98	5,638.00	5,611.39	84.93	21.33	-170.64	461.28	358.70	3,398.39	3,347.00	51.39	66.132	
7,000.00	5,681.30	5,691.55	5,664.91	86.40	21.51	-170.72	463.01	359.45	3,461.78	3,409.90	51.88	66.724	
7,100.00	5,757.62	5,725.00	5,698.35	87.87	21.63	-170.78	463.64	359.08	3,526.64	3,474.46	52.18	67.581	
7,176.71	5,816.17	5,795.54	5,768.88	89.00	21.84	-170.93	463.99	358.34	3,576.45	3,523.64	52.81	67.726	
7,200.00	5,833.92	5,813.00	5,786.34	89.34	21.90	-166.28	464.07	358.15	3,591.54	3,538.58	52.96	67.814	
7,250.00	5,871.73	5,845.40	5,818.72	90.07	21.99	-156.60	462.95	357.92	3,623.50	3,570.28	53.22	68.083	
7,300.00	5,908.91	5,860.66	5,833.92	90.78	22.03	-147.37	461.73	357.67	3,655.17	3,601.84	53.33	68.540	
7,350.00	5,945.18	5,900.00	5,872.89	91.48	22.13	-139.06	456.51	356.57	3,686.46	3,632.86	53.61	68.769	
7,400.00	5,980.26	5,900.00	5,872.89	92.14	22.13	-131.05	456.51	356.57	3,716.62	3,663.04	53.57	69.374	
7,450.00	6,013.88	5,900.00	5,872.89	92.77	22.13	-123.77	456.51	356.57	3,745.92	3,692.39	53.53	69.981	
7,500.00	6,045.79	5,900.00	5,872.89	93.36	22.13	-117.23	456.51	356.57	3,774.17	3,720.70	53.47	70.590	
7,550.00	6,075.75	6,254.00	6,191.83	93.90	22.75	-117.26	314.62	358.87	3,800.48	3,745.26	55.22	68.827	
7,600.00	6,103.52	6,254.00	6,191.83	94.40	22.75	-112.14	314.62	358.87	3,825.01	3,769.82	55.19	69.310	
7,650.00	6,128.89	6,254.00	6,191.83	94.85	22.75	-107.62	314.62	358.87	3,848.28	3,793.14	55.15	69.781	
7,700.00	6,151.68	6,254.00	6,191.83	95.25	22.75	-103.68	314.62	358.87	3,870.15	3,815.04	55.10	70.236	
7,750.00	6,171.71	6,254.00	6,191.83	95.60	22.75	-100.27	314.62	358.87	3,890.45	3,835.40	55.05	70.666	
7,800.00	6,188.82	6,219.58	6,165.10	95.91	22.70	-96.86	336.23	357.30	3,908.56	3,853.70	54.85	71.256	
7,850.00	6,202.89	6,214.95	6,161.41	96.16	22.70	-94.39	339.03	357.04	3,925.22	3,870.44	54.78	71.651	
7,900.00	6,213.81	6,209.54	6,157.09	96.38	22.69	-92.36	342.25	356.73	3,939.92	3,885.20	54.72	72.002	
7,950.00	6,221.49	6,203.44	6,152.17	96.55	22.68	-90.76	345.86	356.36	3,952.56	3,897.90	54.67	72.299	
8,000.00	6,225.88	5,936.18	5,908.35	96.69	22.21	-85.99	449.54	354.98	3,962.85	3,910.07	52.78	75.080	
8,040.96	6,227.00	5,933.93	5,906.16	96.77	22.21	-85.46	450.02	355.10	3,968.84	3,916.10	52.74	75.251	
8,100.00	6,227.00	5,900.00	5,872.89	96.88	22.13	-84.97	456.51	356.57	3,977.14	3,924.69	52.45	75.829	
8,200.00	6,227.00	5,900.00	5,872.89	97.07	22.13	-84.97	456.51	356.57	3,992.31	3,939.76	52.55	75.976	
8,300.00	6,227.00	5,900.00	5,872.89	97.28	22.13	-84.97	456.51	356.57	4,009.91	3,957.16	52.75	76.010	
8,400.00	6,227.00	5,900.00	5,872.89	97.49	22.13	-84.97	456.51	356.57	4,029.92	3,976.85	53.07	75.941	
8,500.00	6,227.00	5,900.00	5,872.89	97.72	22.13	-84.97	456.51	356.57	4,052.30	3,998.82	53.48	75.779	
8,600.00	6,227.00	5,900.00	5,872.89	97.97	22.13	-84.97	456.51	356.57	4,077.01	4,023.04	53.97	75.540	
8,700.00	6,227.00	5,900.00	5,872.89	98.23	22.13	-84.97	456.51	356.57	4,104.01	4,049.46	54.55	75.237	
8,800.00	6,227.00	5,900.00	5,872.89	98.50	22.13	-84.97	456.51	356.57	4,133.25	4,078.06	55.19	74.887	
8,900.00	6,227.00	5,900.00	5,872.89	98.79	22.13	-84.97	456.51	356.57	4,164.69	4,108.79	55.90	74.504	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE F11-J14-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 129-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	
9,000.00	6,227.00	5,900.00	5,872.89	99.09	22.13	-84.97	456.51	356.57	4,198.27	4,141.62	56.66	74.100	
9,100.00	6,227.00	5,900.00	5,872.89	99.41	22.13	-84.97	456.51	356.57	4,233.95	4,176.50	57.46	73.688	
9,200.00	6,227.00	5,900.00	5,872.89	99.75	22.13	-84.97	456.51	356.57	4,271.68	4,213.39	58.29	73.279	
9,300.00	6,227.00	5,900.00	5,872.89	100.10	22.13	-84.97	456.51	356.57	4,311.39	4,252.24	59.16	72.882	
9,400.00	6,227.00	5,900.00	5,872.89	100.47	22.13	-84.97	456.51	356.57	4,353.04	4,293.00	60.04	72.503	
9,500.00	6,227.00	5,900.00	5,872.89	100.86	22.13	-84.97	456.51	356.57	4,396.57	4,335.64	60.94	72.149	
9,600.00	6,227.00	5,900.00	5,872.89	101.26	22.13	-84.97	456.51	356.57	4,441.93	4,380.08	61.84	71.824	
9,700.00	6,227.00	5,900.00	5,872.89	101.68	22.13	-84.97	456.51	356.57	4,489.05	4,426.30	62.76	71.531	
9,800.00	6,227.00	5,900.00	5,872.89	102.13	22.13	-84.97	456.51	356.57	4,537.89	4,474.22	63.67	71.274	
9,900.00	6,227.00	5,900.00	5,872.89	102.59	22.13	-84.97	456.51	356.57	4,588.39	4,523.82	64.58	71.053	
10,000.00	6,227.00	5,900.00	5,872.89	103.07	22.13	-84.97	456.51	356.57	4,640.50	4,575.02	65.48	70.870	
10,100.00	6,227.00	5,900.00	5,872.89	103.58	22.13	-84.97	456.51	356.57	4,694.15	4,627.78	66.37	70.725	
10,200.00	6,227.00	5,900.00	5,872.89	104.10	22.13	-84.97	456.51	356.57	4,749.31	4,682.06	67.25	70.618	
10,300.00	6,227.00	5,900.00	5,872.89	104.65	22.13	-84.97	456.51	356.57	4,805.92	4,737.79	68.12	70.549	
10,400.00	6,227.00	5,900.00	5,872.89	105.22	22.13	-84.97	456.51	356.57	4,863.92	4,794.94	68.98	70.517	
10,500.00	6,227.00	5,900.00	5,872.89	105.82	22.13	-84.97	456.51	356.57	4,923.27	4,853.46	69.81	70.521	
10,600.00	6,227.00	5,900.00	5,872.89	106.43	22.13	-84.97	456.51	356.57	4,983.92	4,913.29	70.63	70.561	
10,700.00	6,227.00	5,861.38	5,834.64	107.07	22.03	-84.42	461.66	357.65	5,044.54	4,973.44	71.10	70.950	
10,800.00	6,227.00	5,860.29	5,833.56	107.74	22.03	-84.40	461.76	357.68	5,107.57	5,035.69	71.88	71.057	
10,900.00	6,227.00	5,859.25	5,832.52	108.42	22.02	-84.39	461.86	357.70	5,171.75	5,099.11	72.64	71.195	
11,000.00	6,227.00	5,858.25	5,831.53	109.14	22.02	-84.37	461.95	357.71	5,237.06	5,163.68	73.39	71.364	
11,100.00	6,227.00	5,857.29	5,830.57	109.87	22.02	-84.36	462.04	357.73	5,303.45	5,229.34	74.11	71.562	
11,200.00	6,227.00	5,856.37	5,829.66	110.64	22.02	-84.35	462.12	357.75	5,370.88	5,296.07	74.82	71.788	
11,300.00	6,227.00	5,855.49	5,828.77	111.43	22.01	-84.33	462.19	357.77	5,439.31	5,363.81	75.50	72.041	
11,400.00	6,227.00	5,854.64	5,827.93	112.24	22.01	-84.32	462.26	357.78	5,508.71	5,432.53	76.17	72.319	
11,500.00	6,227.00	5,853.82	5,827.11	113.08	22.01	-84.31	462.33	357.79	5,579.03	5,502.20	76.82	72.622	
11,600.00	6,227.00	5,853.03	5,826.33	113.94	22.01	-84.30	462.40	357.81	5,650.24	5,572.79	77.46	72.948	
11,700.00	6,227.00	5,813.00	5,786.34	114.83	21.90	-83.72	464.07	358.15	5,723.75	5,645.97	77.78	73.591	
11,800.00	6,227.00	5,813.00	5,786.34	115.74	21.90	-83.72	464.07	358.15	5,796.60	5,718.22	78.38	73.952	
11,900.00	6,227.00	5,813.00	5,786.34	116.68	21.90	-83.72	464.07	358.15	5,870.26	5,791.29	78.97	74.333	
12,000.00	6,227.00	5,813.00	5,786.34	117.64	21.90	-83.72	464.07	358.15	5,944.69	5,865.15	79.54	74.734	
12,100.00	6,227.00	5,813.00	5,786.34	118.63	21.90	-83.72	464.07	358.15	6,019.86	5,939.76	80.10	75.155	
12,200.00	6,227.00	5,813.00	5,786.34	119.64	21.90	-83.72	464.07	358.15	6,095.74	6,015.10	80.64	75.593	
12,300.00	6,227.00	5,813.00	5,786.34	120.68	21.90	-83.72	464.07	358.15	6,172.31	6,091.15	81.16	76.050	
12,400.00	6,227.00	5,813.00	5,786.34	121.74	21.90	-83.72	464.07	358.15	6,249.54	6,167.87	81.67	76.522	
12,500.00	6,227.00	5,813.00	5,786.34	122.82	21.90	-83.72	464.07	358.15	6,327.41	6,245.25	82.16	77.011	
12,600.00	6,227.00	5,813.00	5,786.34	123.92	21.90	-83.72	464.07	358.15	6,405.90	6,323.25	82.64	77.514	
12,700.00	6,227.00	5,813.00	5,786.34	125.04	21.90	-83.72	464.07	358.15	6,484.97	6,401.87	83.11	78.032	
12,800.00	6,227.00	5,813.00	5,786.34	126.19	21.90	-83.72	464.07	358.15	6,564.62	6,481.06	83.56	78.564	
12,900.00	6,227.00	5,813.00	5,786.34	127.35	21.90	-83.72	464.07	358.15	6,644.82	6,560.82	84.00	79.109	
13,000.00	6,227.00	5,813.00	5,786.34	128.54	21.90	-83.72	464.07	358.15	6,725.54	6,641.12	84.42	79.666	
13,100.00	6,227.00	5,813.00	5,786.34	129.74	21.90	-83.72	464.07	358.15	6,806.78	6,721.95	84.84	80.235	
13,200.00	6,227.00	5,813.00	5,786.34	130.97	21.90	-83.72	464.07	358.15	6,888.52	6,803.28	85.24	80.816	
13,300.00	6,227.00	5,813.00	5,786.34	132.21	21.90	-83.72	464.07	358.15	6,970.73	6,885.10	85.63	81.408	
13,400.00	6,227.00	5,813.00	5,786.34	133.47	21.90	-83.72	464.07	358.15	7,053.39	6,967.39	86.01	82.010	
13,500.00	6,227.00	5,813.00	5,786.34	134.74	21.90	-83.72	464.07	358.15	7,136.51	7,050.13	86.38	82.622	
13,600.00	6,227.00	5,813.00	5,786.34	136.03	21.90	-83.72	464.07	358.15	7,220.05	7,133.31	86.73	83.244	
13,700.00	6,227.00	5,813.00	5,786.34	137.34	21.90	-83.72	464.07	358.15	7,304.00	7,216.92	87.08	83.874	
13,800.00	6,227.00	5,813.00	5,786.34	138.67	21.90	-83.72	464.07	358.15	7,388.36	7,300.93	87.42	84.514	
13,900.00	6,227.00	5,813.00	5,786.34	140.00	21.90	-83.72	464.07	358.15	7,473.10	7,385.34	87.75	85.161	
14,000.00	6,227.00	5,813.00	5,786.34	141.36	21.90	-83.72	464.07	358.15	7,558.21	7,470.14	88.07	85.817	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE F11-J14-36HNC - OWB - FINAL SURVEY													Offset Site Error: 0.00 usft	
Survey Program: 129-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		
14,100.00	6,227.00	5,813.00	5,786.34	142.72	21.90	-83.72	464.07	358.15	7,643.68	7,555.30	88.39	86.481		
14,200.00	6,227.00	5,813.00	5,786.34	144.10	21.90	-83.72	464.07	358.15	7,729.50	7,640.81	88.69	87.151		
14,300.00	6,227.00	5,813.00	5,786.34	145.49	21.90	-83.72	464.07	358.15	7,815.66	7,726.68	88.99	87.829		
14,400.00	6,227.00	5,813.00	5,786.34	146.90	21.90	-83.72	464.07	358.15	7,902.15	7,812.87	89.28	88.514		
14,500.00	6,227.00	5,813.00	5,786.34	148.31	21.90	-83.72	464.07	358.15	7,988.95	7,899.39	89.56	89.205		
14,600.00	6,227.00	5,813.00	5,786.34	149.74	21.90	-83.72	464.07	358.15	8,076.06	7,986.22	89.83	89.902		
14,700.00	6,227.00	5,813.00	5,786.34	151.18	21.90	-83.72	464.07	358.15	8,163.46	8,073.36	90.10	90.605		
14,800.00	6,227.00	5,813.00	5,786.34	152.62	21.90	-83.72	464.07	358.15	8,251.14	8,160.78	90.36	91.314		
14,900.00	6,227.00	5,813.00	5,786.34	154.08	21.90	-83.72	464.07	358.15	8,339.11	8,248.49	90.61	92.028		
15,000.00	6,227.00	5,813.00	5,786.34	155.55	21.90	-83.72	464.07	358.15	8,427.34	8,336.48	90.86	92.748		
15,100.00	6,227.00	5,813.00	5,786.34	157.03	21.90	-83.72	464.07	358.15	8,515.84	8,424.73	91.11	93.472		
15,200.00	6,227.00	5,813.00	5,786.34	158.51	21.90	-83.72	464.07	358.15	8,604.58	8,513.24	91.34	94.201		
15,300.00	6,227.00	5,813.00	5,786.34	160.01	21.90	-83.72	464.07	358.15	8,693.57	8,602.00	91.57	94.935		
15,400.00	6,227.00	5,813.00	5,786.34	161.51	21.90	-83.72	464.07	358.15	8,782.80	8,691.00	91.80	95.674		
15,500.00	6,227.00	5,813.00	5,786.34	163.02	21.90	-83.72	464.07	358.15	8,872.25	8,780.23	92.02	96.416		
15,600.00	6,227.00	5,813.00	5,786.34	164.54	21.90	-83.72	464.07	358.15	8,961.93	8,869.70	92.24	97.163		
15,700.00	6,227.00	5,813.00	5,786.34	166.06	21.90	-83.72	464.07	358.15	9,051.83	8,959.38	92.45	97.913		
15,800.00	6,227.00	5,813.00	5,786.34	167.59	21.90	-83.72	464.07	358.15	9,141.94	9,049.28	92.65	98.668		
15,900.00	6,227.00	5,813.00	5,786.34	169.13	21.90	-83.72	464.07	358.15	9,232.24	9,139.39	92.86	99.426		
16,000.00	6,227.00	5,813.00	5,786.34	170.68	21.90	-83.72	464.07	358.15	9,322.75	9,229.70	93.05	100.187		
16,100.00	6,227.00	5,813.00	5,786.34	172.23	21.90	-83.72	464.07	358.15	9,413.45	9,320.20	93.25	100.952		
16,200.00	6,227.00	5,813.00	5,786.34	173.78	21.90	-83.72	464.07	358.15	9,504.34	9,410.90	93.44	101.720		
16,300.00	6,227.00	5,813.00	5,786.34	175.35	21.90	-83.72	464.07	358.15	9,595.40	9,501.78	93.62	102.491		
16,400.00	6,227.00	5,813.00	5,786.34	176.92	21.90	-83.72	464.07	358.15	9,686.65	9,592.84	93.80	103.265		
16,500.00	6,227.00	5,813.00	5,786.34	178.49	21.90	-83.72	464.07	358.15	9,778.06	9,684.08	93.98	104.041		
16,600.00	6,227.00	5,813.00	5,786.34	180.07	21.90	-83.72	464.07	358.15	9,869.64	9,775.49	94.16	104.821		
16,700.00	6,227.00	5,813.00	5,786.34	181.65	21.90	-83.72	464.07	358.15	9,961.39	9,867.06	94.33	105.603		
16,800.00	6,227.00	5,813.00	5,786.34	183.24	21.90	-83.72	464.07	358.15	10,053.29	9,958.79	94.50	106.387		

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE F21-J24-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 120-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	0.48	99.45	0.84	99.86				
100.00	100.00	91.22	91.22	0.27	0.14	0.51	99.35	0.89	99.35	98.95	0.41	242.773	
200.00	199.98	191.12	191.12	0.62	0.44	-85.03	99.12	1.11	98.96	97.90	1.06	93.324	
300.00	299.84	291.28	291.27	0.99	0.79	-87.92	98.91	1.39	98.42	96.64	1.78	55.436	
400.00	399.45	391.04	391.03	1.36	1.14	-93.19	98.31	1.14	97.93	95.43	2.50	39.159 CC	
404.45	403.88	395.46	395.46	1.38	1.16	-93.48	98.28	1.11	97.93	95.40	2.53	38.648 ES	
500.00	498.70	489.90	489.89	1.75	1.49	-100.54	97.76	0.54	98.98	95.74	3.24	30.545	
600.00	597.47	589.14	589.13	2.18	1.84	-109.09	97.38	0.53	102.68	98.68	4.00	25.666	
700.00	695.62	688.87	688.84	2.63	2.19	-117.48	97.21	2.70	109.14	104.37	4.77	22.863	
800.00	793.06	789.39	789.19	3.12	2.55	-124.86	97.42	8.27	117.83	112.27	5.56	21.205	
900.00	889.64	890.04	889.41	3.66	2.91	-130.87	98.56	17.53	128.47	122.12	6.35	20.230	
1,000.00	985.27	989.21	987.71	4.25	3.28	-135.32	101.46	30.21	141.12	133.96	7.16	19.708	
1,100.00	1,079.82	1,088.50	1,085.70	4.89	3.66	-138.47	107.22	45.17	156.91	148.91	8.00	19.619 SF	
1,200.00	1,173.17	1,186.75	1,182.35	5.58	4.06	-141.16	113.80	61.52	174.96	166.10	8.86	19.758	
1,300.00	1,265.21	1,282.90	1,276.90	6.34	4.47	-143.69	120.83	77.48	196.45	186.73	9.71	20.223	
1,400.00	1,355.84	1,380.79	1,372.99	7.16	4.90	-145.91	129.05	94.31	221.10	210.50	10.60	20.860	
1,500.00	1,444.94	1,478.08	1,468.34	8.05	5.33	-147.97	137.19	111.82	248.18	236.69	11.49	21.609	
1,600.00	1,532.39	1,571.62	1,560.03	9.02	5.76	-149.87	144.95	128.66	278.44	266.09	12.35	22.537	
1,700.00	1,618.11	1,666.60	1,653.20	10.05	6.19	-151.79	152.39	145.52	312.01	298.79	13.22	23.596	
1,800.00	1,701.97	1,761.62	1,746.32	11.16	6.63	-153.55	159.63	162.96	348.25	334.16	14.09	24.711	
1,900.00	1,783.88	1,851.97	1,834.67	12.35	7.06	-154.88	167.53	180.16	387.44	372.48	14.96	25.902	
2,000.00	1,863.74	1,942.49	1,923.20	13.61	7.50	-156.11	175.47	197.27	429.91	414.08	15.82	27.168	
2,100.00	1,941.45	2,034.16	2,012.85	14.95	7.94	-157.33	182.95	214.84	475.13	458.44	16.69	28.463	
2,112.50	1,951.01	2,045.56	2,024.00	15.12	8.00	-157.47	183.86	217.07	480.96	464.16	16.80	28.621	
2,200.00	2,017.79	2,125.57	2,102.16	16.35	8.39	-158.73	190.14	232.97	521.74	504.18	17.56	29.714	
2,300.00	2,094.11	2,211.00	2,185.60	17.76	8.81	-159.84	197.14	249.90	568.65	550.26	18.39	30.921	
2,400.00	2,170.44	2,294.31	2,267.01	19.17	9.22	-160.72	204.39	266.02	616.20	596.99	19.21	32.069	
2,500.00	2,246.76	2,380.25	2,351.04	20.60	9.64	-161.50	211.94	282.42	664.11	644.05	20.06	33.108	
2,600.00	2,323.08	2,466.94	2,435.86	22.03	10.07	-162.22	219.31	298.77	712.25	691.35	20.91	34.069	
2,700.00	2,399.41	2,551.49	2,518.55	23.47	10.48	-162.79	226.96	314.62	760.66	738.91	21.75	34.977	
2,800.00	2,475.73	2,644.23	2,609.10	24.91	10.94	-163.25	236.47	332.25	809.04	786.36	22.67	35.680	
2,900.00	2,552.05	2,726.82	2,689.80	26.36	11.35	-163.65	244.34	347.99	857.32	833.80	23.51	36.463	
3,000.00	2,628.38	2,814.32	2,775.44	27.80	11.78	-164.10	251.83	364.24	905.94	881.56	24.37	37.167	
3,100.00	2,704.70	2,920.40	2,879.20	29.25	12.31	-164.65	259.89	384.80	953.79	928.42	25.37	37.589	
3,200.00	2,781.02	2,979.40	2,937.03	30.71	12.59	-164.98	263.66	395.81	1,002.12	976.13	25.99	38.565	
3,300.00	2,857.35	3,065.44	3,021.68	32.16	13.00	-165.46	268.74	410.38	1,052.02	1,025.22	26.80	39.256	
3,400.00	2,933.67	3,145.83	3,100.68	33.62	13.38	-165.83	273.98	424.32	1,101.68	1,074.11	27.57	39.957	
3,500.00	3,009.99	3,247.42	3,200.75	35.07	13.85	-166.43	277.83	441.37	1,151.68	1,123.20	28.48	40.439	
3,600.00	3,086.31	3,338.38	3,290.08	36.53	14.28	-166.87	281.85	458.02	1,200.39	1,171.07	29.32	40.940	
3,700.00	3,162.64	3,432.06	3,381.80	37.99	14.74	-167.13	289.02	475.62	1,248.97	1,218.74	30.23	41.312	
3,800.00	3,238.96	3,517.97	3,465.84	39.45	15.17	-167.33	295.97	492.05	1,297.33	1,266.24	31.09	41.729	
3,900.00	3,315.28	3,614.69	3,560.36	40.91	15.65	-167.51	304.33	510.78	1,345.51	1,313.46	32.05	41.985	
4,000.00	3,391.61	3,713.28	3,656.71	42.37	16.15	-167.76	311.08	530.59	1,392.91	1,359.92	33.00	42.214	
4,100.00	3,467.93	3,793.00	3,734.69	43.84	16.55	-167.97	316.06	546.34	1,440.57	1,406.79	33.78	42.642	
4,200.00	3,544.25	3,876.22	3,816.11	45.30	16.96	-168.15	321.99	562.48	1,488.65	1,454.04	34.61	43.013	
4,300.00	3,620.58	3,964.70	3,902.67	46.76	17.40	-168.33	328.09	579.77	1,536.60	1,501.12	35.48	43.313	
4,400.00	3,696.90	4,052.57	3,988.63	48.23	17.84	-168.50	334.10	596.96	1,584.54	1,548.20	36.34	43.604	
4,500.00	3,773.22	4,124.83	4,059.32	49.69	18.20	-168.61	339.74	610.83	1,632.87	1,595.79	37.08	44.038	
4,600.00	3,849.55	4,223.26	4,155.67	51.16	18.69	-168.75	347.58	629.37	1,681.56	1,643.51	38.05	44.196	
4,700.00	3,925.87	4,296.85	4,227.66	52.62	19.06	-168.83	353.63	643.42	1,730.04	1,691.24	38.80	44.584	
4,800.00	4,002.19	4,381.25	4,310.28	54.09	19.48	-168.91	361.01	658.96	1,779.13	1,739.47	39.66	44.860	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE F21-J24-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 120-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	
4,900.00	4,078.51	4,482.91	4,409.78	55.56	19.99	-169.02	369.52	678.04	1,827.90	1,787.24	40.67	44.949	
5,000.00	4,154.84	4,571.23	4,496.17	57.02	20.43	-169.12	376.35	695.06	1,876.19	1,834.64	41.55	45.157	
5,100.00	4,231.16	4,690.92	4,613.03	58.49	21.04	-169.25	385.52	719.21	1,923.63	1,880.92	42.70	45.046	
5,200.00	4,307.48	4,768.14	4,688.29	59.96	21.44	-169.30	392.24	735.14	1,970.75	1,927.25	43.51	45.299	
5,300.00	4,383.81	4,846.00	4,764.25	61.43	21.84	-169.36	398.83	750.93	2,018.20	1,973.89	44.31	45.548	
5,400.00	4,460.13	4,915.91	4,832.61	62.89	22.19	-169.44	404.05	764.60	2,066.26	2,021.23	45.03	45.890	
5,500.00	4,536.45	4,982.45	4,897.87	64.36	22.52	-169.52	408.44	776.85	2,115.27	2,069.57	45.70	46.287	
5,600.00	4,612.78	5,077.68	4,991.46	65.83	22.97	-169.68	413.37	793.72	2,164.87	2,118.26	46.60	46.453	
5,700.00	4,689.10	5,170.03	5,082.16	67.30	23.41	-169.88	416.46	810.81	2,213.65	2,166.18	47.46	46.640	
5,800.00	4,765.42	5,253.62	5,164.25	68.77	23.81	-170.03	420.05	826.12	2,262.66	2,214.40	48.26	46.886	
5,900.00	4,841.75	5,321.57	5,230.97	70.24	24.14	-170.12	423.95	838.46	2,311.93	2,263.00	48.93	47.245	
6,000.00	4,918.07	5,380.82	5,289.17	71.70	24.42	-170.16	428.58	848.51	2,362.27	2,312.73	49.54	47.681	
6,100.00	4,994.39	5,522.35	5,427.98	73.17	25.11	-170.24	439.90	873.66	2,411.87	2,360.95	50.92	47.363	
6,200.00	5,070.72	5,611.37	5,514.99	74.64	25.56	-170.27	448.09	890.59	2,460.48	2,408.65	51.83	47.470	
6,300.00	5,147.04	5,693.04	5,594.85	76.11	25.97	-170.28	455.71	905.90	2,509.33	2,456.65	52.68	47.636	
6,400.00	5,223.36	5,783.61	5,683.39	77.58	26.42	-170.29	464.49	922.83	2,558.24	2,504.63	53.61	47.721	
6,500.00	5,299.68	5,816.00	5,715.07	79.05	26.59	-170.30	467.40	928.93	2,607.61	2,553.63	53.98	48.305	
6,600.00	5,376.01	5,875.47	5,773.60	80.52	26.84	-170.41	469.09	939.07	2,658.02	2,603.48	54.54	48.738	
6,700.00	5,452.33	6,111.47	6,000.84	81.99	27.66	-172.04	423.89	977.46	2,708.50	2,652.65	55.85	48.497	
6,800.00	5,528.65	6,167.00	6,050.53	83.46	27.81	-172.68	400.91	986.61	2,756.51	2,700.41	56.09	49.141	
6,900.00	5,604.98	6,294.34	6,153.64	84.93	28.05	-174.54	329.47	1,006.64	2,804.71	2,748.32	56.39	49.740	
7,000.00	5,681.30	6,343.00	6,188.26	86.40	28.13	-175.36	296.09	1,013.94	2,853.36	2,796.81	56.55	50.460	
7,100.00	5,757.62	6,376.76	6,210.85	87.87	28.17	-175.96	271.43	1,018.56	2,903.85	2,847.17	56.68	51.235	
7,176.71	5,816.17	6,396.79	6,223.81	89.00	28.19	-176.32	256.38	1,021.07	2,943.96	2,887.21	56.75	51.875	
7,200.00	5,833.92	6,402.40	6,227.39	89.34	28.20	-172.23	252.10	1,021.73	2,956.38	2,899.61	56.77	52.077	
7,250.00	5,871.73	6,456.09	6,258.81	90.07	28.26	-164.43	209.12	1,027.90	2,983.37	2,926.42	56.95	52.382	
7,300.00	5,908.91	6,470.40	6,266.53	90.78	28.27	-156.17	197.21	1,029.62	3,010.39	2,953.38	57.01	52.807	
7,350.00	5,945.18	6,480.63	6,272.05	91.48	28.29	-148.25	188.71	1,030.84	3,037.56	2,980.53	57.04	53.255	
7,400.00	5,980.26	6,486.70	6,275.33	92.14	28.29	-140.75	183.66	1,031.56	3,064.74	3,007.69	57.04	53.726	
7,450.00	6,013.88	6,488.56	6,276.33	92.77	28.30	-133.71	182.12	1,031.79	3,091.73	3,034.71	57.02	54.220	
7,500.00	6,045.79	6,520.00	6,293.31	93.36	28.34	-127.90	155.96	1,035.55	3,118.53	3,061.35	57.18	54.539	
7,550.00	6,075.75	6,520.00	6,293.31	93.90	28.34	-121.98	155.96	1,035.55	3,144.65	3,087.50	57.15	55.023	
7,600.00	6,103.52	6,432.00	6,245.80	94.40	28.24	-114.90	229.16	1,025.02	3,169.87	3,113.31	56.56	56.046	
7,650.00	6,128.89	6,432.00	6,245.80	94.85	28.24	-110.21	229.16	1,025.02	3,194.00	3,137.50	56.50	56.532	
7,700.00	6,151.68	6,432.00	6,245.80	95.25	28.24	-106.08	229.16	1,025.02	3,216.98	3,160.54	56.45	56.992	
7,750.00	6,171.71	6,432.00	6,245.80	95.60	28.24	-102.46	229.16	1,025.02	3,238.68	3,182.27	56.41	57.416	
7,800.00	6,188.82	6,432.00	6,245.80	95.91	28.24	-99.34	229.16	1,025.02	3,258.93	3,202.55	56.39	57.794	
7,850.00	6,202.89	6,395.20	6,222.79	96.16	28.19	-96.13	257.58	1,020.87	3,277.05	3,220.95	56.11	58.409	
7,900.00	6,213.81	6,385.41	6,216.49	96.38	28.18	-93.82	264.96	1,019.67	3,293.71	3,237.67	56.04	58.770	
7,950.00	6,221.49	6,374.85	6,209.59	96.55	28.16	-91.95	272.85	1,018.31	3,308.47	3,252.46	56.01	59.073	
8,000.00	6,225.88	6,343.00	6,188.26	96.69	28.13	-90.23	296.09	1,013.94	3,321.40	3,265.59	55.80	59.519	
8,040.96	6,227.00	6,343.00	6,188.26	96.77	28.13	-89.48	296.09	1,013.94	3,330.12	3,274.21	55.91	59.564	
8,100.00	6,227.00	6,343.00	6,188.26	96.88	28.13	-89.48	296.09	1,013.94	3,342.21	3,286.09	56.12	59.559	
8,200.00	6,227.00	6,313.58	6,167.66	97.07	28.08	-89.12	316.63	1,009.58	3,364.59	3,308.34	56.25	59.816	
8,300.00	6,227.00	6,290.06	6,150.47	97.28	28.04	-88.82	332.26	1,005.97	3,389.29	3,332.77	56.52	59.965	
8,400.00	6,227.00	6,255.00	6,123.70	97.49	27.99	-88.35	354.20	1,000.38	3,416.39	3,359.67	56.72	60.236	
8,500.00	6,227.00	6,255.00	6,123.70	97.72	27.99	-88.35	354.20	1,000.38	3,445.66	3,388.22	57.44	59.986	
8,600.00	6,227.00	6,222.88	6,097.97	97.97	27.92	-87.91	372.71	995.22	3,477.20	3,419.39	57.81	60.148	
8,700.00	6,227.00	6,201.93	6,080.56	98.23	27.88	-87.61	383.89	991.93	3,510.98	3,452.59	58.39	60.132	
8,800.00	6,227.00	6,167.00	6,050.53	98.50	27.81	-87.09	400.91	986.61	3,547.07	3,488.26	58.81	60.312	
8,900.00	6,227.00	6,167.00	6,050.53	98.79	27.81	-87.09	400.91	986.61	3,585.15	3,525.36	59.79	59.964	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE F21-J24-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 120-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	
9,000.00	6,227.00	6,167.00	6,050.53	99.09	27.81	-87.09	400.91	986.61	3,625.58	3,564.77	60.81	59.623	
9,100.00	6,227.00	6,167.00	6,050.53	99.41	27.81	-87.09	400.91	986.61	3,668.29	3,606.43	61.86	59.297	
9,200.00	6,227.00	6,167.00	6,050.53	99.75	27.81	-87.09	400.91	986.61	3,713.21	3,650.27	62.94	58.996	
9,300.00	6,227.00	6,167.00	6,050.53	100.10	27.81	-87.09	400.91	986.61	3,760.25	3,696.22	64.03	58.725	
9,400.00	6,227.00	6,128.54	6,016.32	100.47	27.70	-86.50	417.35	980.45	3,808.18	3,743.63	64.55	58.995	
9,500.00	6,227.00	6,122.04	6,010.45	100.86	27.68	-86.40	419.90	979.33	3,858.79	3,793.24	65.55	58.865	
9,600.00	6,227.00	6,115.87	6,004.85	101.26	27.67	-86.31	422.25	978.25	3,911.24	3,844.68	66.56	58.767	
9,700.00	6,227.00	6,078.00	5,970.04	101.68	27.56	-85.71	435.35	971.14	3,966.29	3,899.20	67.09	59.121	
9,800.00	6,227.00	6,078.00	5,970.04	102.13	27.56	-85.71	435.35	971.14	4,021.95	3,953.79	68.16	59.005	
9,900.00	6,227.00	6,078.00	5,970.04	102.59	27.56	-85.71	435.35	971.14	4,079.31	4,010.09	69.22	58.932	
10,000.00	6,227.00	6,078.00	5,970.04	103.07	27.56	-85.71	435.35	971.14	4,138.29	4,068.03	70.26	58.900	
10,100.00	6,227.00	6,078.00	5,970.04	103.58	27.56	-85.71	435.35	971.14	4,198.82	4,127.55	71.28	58.908	
10,200.00	6,227.00	6,078.00	5,970.04	104.10	27.56	-85.71	435.35	971.14	4,260.85	4,188.57	72.27	58.955	
10,300.00	6,227.00	6,078.00	5,970.04	104.65	27.56	-85.71	435.35	971.14	4,324.29	4,251.05	73.24	59.040	
10,400.00	6,227.00	6,078.00	5,970.04	105.22	27.56	-85.71	435.35	971.14	4,389.09	4,314.91	74.19	59.162	
10,500.00	6,227.00	6,078.00	5,970.04	105.82	27.56	-85.71	435.35	971.14	4,455.20	4,380.10	75.11	59.318	
10,600.00	6,227.00	6,078.00	5,970.04	106.43	27.56	-85.71	435.35	971.14	4,522.56	4,446.56	76.00	59.508	
10,700.00	6,227.00	6,078.00	5,970.04	107.07	27.56	-85.71	435.35	971.14	4,591.10	4,514.23	76.87	59.729	
10,800.00	6,227.00	6,078.00	5,970.04	107.74	27.56	-85.71	435.35	971.14	4,660.78	4,583.07	77.70	59.981	
10,900.00	6,227.00	6,078.00	5,970.04	108.42	27.56	-85.71	435.35	971.14	4,731.55	4,653.03	78.52	60.261	
11,000.00	6,227.00	6,040.25	5,934.55	109.14	27.44	-85.11	446.04	964.01	4,802.56	4,723.71	78.85	60.909	
11,100.00	6,227.00	6,035.71	5,930.23	109.87	27.42	-85.04	447.16	963.20	4,875.14	4,795.58	79.56	61.275	
11,200.00	6,227.00	6,031.45	5,926.16	110.64	27.41	-84.97	448.19	962.44	4,948.66	4,868.40	80.26	61.661	
11,300.00	6,227.00	6,027.43	5,922.32	111.43	27.39	-84.91	449.12	961.74	5,023.07	4,942.14	80.93	62.067	
11,400.00	6,227.00	5,990.00	5,886.16	112.24	27.27	-84.30	456.54	955.59	5,099.01	5,017.80	81.21	62.786	
11,500.00	6,227.00	5,990.00	5,886.16	113.08	27.27	-84.30	456.54	955.59	5,174.97	5,093.08	81.89	63.194	
11,600.00	6,227.00	5,990.00	5,886.16	113.94	27.27	-84.30	456.54	955.59	5,251.74	5,169.20	82.55	63.621	
11,700.00	6,227.00	5,990.00	5,886.16	114.83	27.27	-84.30	456.54	955.59	5,329.28	5,246.10	83.18	64.069	
11,800.00	6,227.00	5,990.00	5,886.16	115.74	27.27	-84.30	456.54	955.59	5,407.56	5,323.77	83.79	64.534	
11,900.00	6,227.00	5,990.00	5,886.16	116.68	27.27	-84.30	456.54	955.59	5,486.54	5,402.16	84.39	65.017	
12,000.00	6,227.00	5,990.00	5,886.16	117.64	27.27	-84.30	456.54	955.59	5,566.20	5,481.24	84.96	65.517	
12,100.00	6,227.00	5,990.00	5,886.16	118.63	27.27	-84.30	456.54	955.59	5,646.51	5,561.00	85.51	66.032	
12,200.00	6,227.00	5,990.00	5,886.16	119.64	27.27	-84.30	456.54	955.59	5,727.43	5,641.39	86.05	66.562	
12,300.00	6,227.00	5,990.00	5,886.16	120.68	27.27	-84.30	456.54	955.59	5,808.95	5,722.39	86.56	67.107	
12,400.00	6,227.00	5,990.00	5,886.16	121.74	27.27	-84.30	456.54	955.59	5,891.04	5,803.98	87.06	67.664	
12,500.00	6,227.00	5,990.00	5,886.16	122.82	27.27	-84.30	456.54	955.59	5,973.68	5,886.13	87.55	68.234	
12,600.00	6,227.00	5,990.00	5,886.16	123.92	27.27	-84.30	456.54	955.59	6,056.84	5,968.82	88.01	68.816	
12,700.00	6,227.00	5,990.00	5,886.16	125.04	27.27	-84.30	456.54	955.59	6,140.50	6,052.03	88.47	69.410	
12,800.00	6,227.00	5,990.00	5,886.16	126.19	27.27	-84.30	456.54	955.59	6,224.64	6,135.74	88.90	70.015	
12,900.00	6,227.00	5,990.00	5,886.16	127.35	27.27	-84.30	456.54	955.59	6,309.25	6,219.92	89.33	70.629	
13,000.00	6,227.00	5,990.00	5,886.16	128.54	27.27	-84.30	456.54	955.59	6,394.30	6,304.56	89.74	71.254	
13,100.00	6,227.00	5,990.00	5,886.16	129.74	27.27	-84.30	456.54	955.59	6,479.78	6,389.64	90.14	71.888	
13,200.00	6,227.00	5,990.00	5,886.16	130.97	27.27	-84.30	456.54	955.59	6,565.67	6,475.14	90.52	72.531	
13,300.00	6,227.00	5,990.00	5,886.16	132.21	27.27	-84.30	456.54	955.59	6,651.95	6,561.05	90.90	73.182	
13,400.00	6,227.00	5,990.00	5,886.16	133.47	27.27	-84.30	456.54	955.59	6,738.61	6,647.35	91.26	73.841	
13,500.00	6,227.00	5,990.00	5,886.16	134.74	27.27	-84.30	456.54	955.59	6,825.64	6,734.03	91.61	74.508	
13,600.00	6,227.00	5,990.00	5,886.16	136.03	27.27	-84.30	456.54	955.59	6,913.01	6,821.06	91.95	75.182	
13,700.00	6,227.00	5,990.00	5,886.16	137.34	27.27	-84.30	456.54	955.59	7,000.73	6,908.45	92.28	75.863	
13,800.00	6,227.00	5,990.00	5,886.16	138.67	27.27	-84.30	456.54	955.59	7,088.77	6,996.17	92.60	76.551	
13,900.00	6,227.00	5,990.00	5,886.16	140.00	27.27	-84.30	456.54	955.59	7,177.12	7,084.21	92.91	77.246	
14,000.00	6,227.00	5,990.00	5,886.16	141.36	27.27	-84.30	456.54	955.59	7,265.78	7,172.56	93.22	77.946	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE F21-J24-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 120-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	
14,100.00	6,227.00	5,951.51	5,848.54	142.72	27.13	-83.67	462.24	949.79	7,354.09	7,260.87	93.21	78.894	
14,200.00	6,227.00	5,949.48	5,846.55	144.10	27.13	-83.64	462.50	949.49	7,443.25	7,349.76	93.49	79.617	
14,300.00	6,227.00	5,947.52	5,844.62	145.49	27.12	-83.60	462.75	949.21	7,532.67	7,438.92	93.75	80.345	
14,400.00	6,227.00	5,945.61	5,842.75	146.90	27.11	-83.57	463.00	948.93	7,622.36	7,528.34	94.01	81.077	
14,500.00	6,227.00	5,943.75	5,840.93	148.31	27.10	-83.54	463.23	948.66	7,712.29	7,618.03	94.27	81.814	
14,600.00	6,227.00	5,941.95	5,839.16	149.74	27.10	-83.51	463.45	948.41	7,802.47	7,707.96	94.51	82.556	
14,700.00	6,227.00	5,940.19	5,837.43	151.18	27.09	-83.48	463.66	948.15	7,892.88	7,798.13	94.75	83.301	
14,800.00	6,227.00	5,902.00	5,799.81	152.62	26.96	-82.86	467.56	942.86	7,984.10	7,889.38	94.72	84.288	
14,900.00	6,227.00	5,902.00	5,799.81	154.08	26.96	-82.86	467.56	942.86	8,074.91	7,979.94	94.97	85.029	
15,000.00	6,227.00	5,902.00	5,799.81	155.55	26.96	-82.86	467.56	942.86	8,165.93	8,070.73	95.20	85.775	
15,100.00	6,227.00	5,902.00	5,799.81	157.03	26.96	-82.86	467.56	942.86	8,257.16	8,161.73	95.43	86.524	
15,200.00	6,227.00	5,902.00	5,799.81	158.51	26.96	-82.86	467.56	942.86	8,348.59	8,252.93	95.66	87.277	
15,300.00	6,227.00	5,902.00	5,799.81	160.01	26.96	-82.86	467.56	942.86	8,440.21	8,344.34	95.88	88.033	
15,400.00	6,227.00	5,902.00	5,799.81	161.51	26.96	-82.86	467.56	942.86	8,532.02	8,435.93	96.09	88.793	
15,500.00	6,227.00	5,902.00	5,799.81	163.02	26.96	-82.86	467.56	942.86	8,624.02	8,527.72	96.30	89.556	
15,600.00	6,227.00	5,902.00	5,799.81	164.54	26.96	-82.86	467.56	942.86	8,716.19	8,619.69	96.50	90.322	
15,700.00	6,227.00	5,902.00	5,799.81	166.06	26.96	-82.86	467.56	942.86	8,808.53	8,711.83	96.70	91.090	
15,800.00	6,227.00	5,902.00	5,799.81	167.59	26.96	-82.86	467.56	942.86	8,901.04	8,804.14	96.90	91.862	
15,900.00	6,227.00	5,902.00	5,799.81	169.13	26.96	-82.86	467.56	942.86	8,993.70	8,896.62	97.09	92.636	
16,000.00	6,227.00	5,902.00	5,799.81	170.68	26.96	-82.86	467.56	942.86	9,086.53	8,989.25	97.27	93.412	
16,100.00	6,227.00	5,902.00	5,799.81	172.23	26.96	-82.86	467.56	942.86	9,179.50	9,082.04	97.46	94.192	
16,200.00	6,227.00	5,902.00	5,799.81	173.78	26.96	-82.86	467.56	942.86	9,272.62	9,174.98	97.63	94.973	
16,300.00	6,227.00	5,902.00	5,799.81	175.35	26.96	-82.86	467.56	942.86	9,365.88	9,268.07	97.81	95.757	
16,400.00	6,227.00	5,902.00	5,799.81	176.92	26.96	-82.86	467.56	942.86	9,459.28	9,361.30	97.98	96.542	
16,500.00	6,227.00	5,902.00	5,799.81	178.49	26.96	-82.86	467.56	942.86	9,552.81	9,454.66	98.15	97.330	
16,600.00	6,227.00	5,902.00	5,799.81	180.07	26.96	-82.86	467.56	942.86	9,646.47	9,548.16	98.31	98.120	
16,700.00	6,227.00	5,902.00	5,799.81	181.65	26.96	-82.86	467.56	942.86	9,740.26	9,641.79	98.47	98.911	
16,800.00	6,227.00	5,902.00	5,799.81	183.24	26.96	-82.86	467.56	942.86	9,834.17	9,735.54	98.63	99.704	
16,900.00	6,227.00	5,902.00	5,799.81	184.84	26.96	-82.86	467.56	942.86	9,928.20	9,829.42	98.79	100.499	
17,000.00	6,227.00	5,902.00	5,799.81	186.43	26.96	-82.86	467.56	942.86	10,022.35	9,923.41	98.94	101.296	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 87-MWD OWSG												Offset Well Error:	0.00 usft
Reference				Offset				Semi Major Axis				Distance	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-61.00	67.03	-120.95	138.71				
100.00	100.00	88.61	88.61	0.27	0.14	-60.88	67.34	-120.92	138.40	138.00	0.40	342.797 CC, ES	
200.00	199.98	188.58	188.57	0.62	0.49	-145.71	67.96	-120.90	140.13	139.01	1.12	125.501	
300.00	299.84	288.32	288.32	0.99	0.85	-146.66	68.48	-120.98	144.80	142.96	1.83	78.916	
400.00	399.45	387.80	387.80	1.36	1.21	-148.22	69.01	-121.15	152.55	149.99	2.56	59.620	
500.00	498.70	487.45	487.44	1.75	1.56	-150.16	69.68	-121.17	163.34	160.06	3.29	49.678	
600.00	597.47	587.27	587.26	2.18	1.92	-152.35	70.28	-120.80	177.00	172.98	4.02	44.038	
700.00	695.62	686.59	686.57	2.63	2.27	-154.63	70.68	-119.83	193.38	188.62	4.75	40.695	
800.00	793.06	784.94	784.92	3.12	2.61	-156.80	71.26	-118.39	212.79	207.30	5.49	38.784	
900.00	889.64	882.03	881.98	3.66	2.95	-158.89	71.69	-116.87	235.52	229.30	6.22	37.853	
1,000.00	985.27	978.14	978.08	4.25	3.29	-160.77	72.35	-115.28	261.73	254.76	6.96	37.600 SF	
1,100.00	1,079.82	1,078.68	1,078.57	4.89	3.65	-162.35	74.04	-112.73	290.75	283.03	7.72	37.643	
1,200.00	1,173.17	1,182.12	1,181.81	5.58	4.03	-163.49	77.20	-107.13	320.69	312.18	8.51	37.689	
1,300.00	1,265.21	1,286.01	1,285.25	6.34	4.41	-164.34	81.36	-98.50	351.37	342.06	9.31	37.755	
1,400.00	1,355.84	1,389.14	1,387.63	7.16	4.80	-164.95	86.39	-87.15	382.90	372.78	10.11	37.857	
1,500.00	1,444.94	1,482.01	1,479.63	8.05	5.16	-165.29	92.20	-75.90	416.81	405.90	10.90	38.234	
1,600.00	1,532.39	1,575.38	1,572.04	9.02	5.52	-165.51	99.18	-64.54	454.01	442.30	11.70	38.788	
1,700.00	1,618.11	1,678.63	1,674.14	10.05	5.94	-165.81	106.85	-51.17	493.69	481.13	12.56	39.302	
1,800.00	1,701.97	1,789.22	1,782.79	11.16	6.40	-166.07	115.39	-32.49	532.78	519.32	13.46	39.573	
1,900.00	1,783.88	1,887.80	1,879.17	12.35	6.83	-166.18	123.97	-13.66	573.12	558.78	14.34	39.978	
2,000.00	1,863.74	1,984.41	1,973.52	13.61	7.27	-166.41	131.30	5.77	615.52	600.31	15.21	40.479	
2,100.00	1,941.45	2,068.30	2,055.52	14.95	7.65	-166.72	136.49	22.71	660.81	644.79	16.02	41.252	
2,112.50	1,951.01	2,078.45	2,065.45	15.12	7.70	-166.75	137.13	24.70	666.75	650.63	16.12	41.356	
2,200.00	2,017.79	2,158.85	2,144.14	16.35	8.07	-167.24	142.23	40.36	708.65	691.79	16.86	42.027	
2,300.00	2,094.11	2,260.63	2,243.32	17.76	8.55	-167.70	149.37	62.07	754.92	737.15	17.77	42.490	
2,400.00	2,170.44	2,342.74	2,323.30	19.17	8.95	-168.03	155.16	79.77	801.05	782.46	18.58	43.108	
2,500.00	2,246.76	2,429.22	2,407.65	20.60	9.36	-168.35	161.13	97.88	847.74	828.32	19.42	43.652	
2,600.00	2,323.08	2,534.30	2,509.97	22.03	9.89	-168.64	169.21	120.34	894.19	873.81	20.38	43.883	
2,700.00	2,399.41	2,645.49	2,616.93	23.47	10.47	-168.60	181.84	147.93	937.49	916.08	21.41	43.781	
2,800.00	2,475.73	2,723.69	2,692.09	24.91	10.90	-168.53	191.45	167.29	981.03	958.76	22.27	44.043	
2,900.00	2,552.05	2,801.73	2,767.40	26.36	11.31	-168.51	200.40	185.66	1,025.65	1,002.53	23.12	44.361	
3,000.00	2,628.38	2,879.18	2,842.54	27.80	11.71	-168.60	207.75	202.95	1,071.27	1,047.32	23.95	44.738	
3,100.00	2,704.70	2,956.42	2,917.65	29.25	12.11	-168.68	215.05	219.39	1,117.83	1,093.07	24.76	45.146	
3,200.00	2,781.02	3,029.09	2,988.45	30.71	12.47	-168.73	222.25	234.09	1,165.37	1,139.84	25.54	45.633	
3,300.00	2,857.35	3,097.98	3,055.87	32.16	12.81	-168.83	228.23	246.95	1,214.24	1,187.97	26.27	46.220	
3,400.00	2,933.67	3,171.35	3,127.90	33.62	13.16	-168.97	234.04	259.62	1,264.29	1,237.27	27.02	46.783	
3,500.00	3,009.99	3,248.88	3,204.08	35.07	13.53	-169.07	240.78	272.33	1,315.15	1,287.33	27.81	47.287	
3,600.00	3,086.31	3,381.83	3,334.31	36.53	14.18	-169.18	253.25	296.01	1,364.88	1,335.82	29.06	46.972	
3,700.00	3,162.64	3,574.96	3,520.60	37.99	15.25	-169.10	275.50	341.59	1,409.23	1,378.46	30.78	45.789	
3,800.00	3,238.96	3,689.17	3,628.81	39.45	15.93	-168.91	291.72	374.28	1,449.05	1,417.10	31.95	45.356	
3,900.00	3,315.28	3,759.24	3,695.33	40.91	16.36	-168.79	301.83	393.83	1,489.71	1,456.90	32.81	45.407	
4,000.00	3,391.61	3,844.49	3,776.60	42.37	16.87	-168.69	313.29	416.91	1,531.14	1,497.37	33.77	45.345	
4,100.00	3,467.93	3,922.05	3,850.78	43.84	17.33	-168.64	322.73	437.46	1,573.06	1,538.41	34.65	45.399	
4,200.00	3,544.25	3,999.00	3,924.71	45.30	17.78	-168.63	331.36	457.01	1,615.92	1,580.41	35.51	45.501	
4,300.00	3,620.58	4,064.81	3,988.17	46.76	18.15	-168.64	338.32	472.97	1,659.81	1,623.54	36.27	45.757	
4,400.00	3,696.90	4,138.45	4,059.43	48.23	18.56	-168.66	345.86	489.92	1,704.81	1,667.73	37.09	45.969	
4,500.00	3,773.22	4,256.94	4,173.83	49.69	19.22	-168.66	358.92	517.88	1,749.36	1,711.09	38.27	45.706	
4,600.00	3,849.55	4,314.05	4,228.96	51.16	19.54	-168.65	365.50	531.26	1,794.04	1,755.08	38.96	46.046	
4,700.00	3,925.87	4,379.00	4,291.95	52.62	19.89	-168.65	372.73	545.38	1,840.22	1,800.52	39.70	46.351	
4,800.00	4,002.19	4,443.32	4,354.57	54.09	20.23	-168.68	379.29	558.50	1,887.55	1,847.14	40.41	46.708	
4,900.00	4,078.51	4,506.00	4,415.79	55.56	20.55	-168.73	384.77	570.78	1,935.67	1,894.58	41.09	47.108	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE F-J-36HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 87-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	
5,000.00	4,154.84	4,575.10	4,483.46	57.02	20.89	-168.81	390.39	583.54	1,984.74	1,942.93	41.81	47.475	
5,100.00	4,231.16	4,632.00	4,539.33	58.49	21.17	-168.86	395.13	593.29	2,034.97	1,992.56	42.41	47.985	
5,200.00	4,307.48	4,703.86	4,610.02	59.96	21.50	-168.94	400.94	604.83	2,086.11	2,042.97	43.13	48.363	
5,300.00	4,383.81	4,759.00	4,664.35	61.43	21.76	-169.01	405.07	613.22	2,138.04	2,094.34	43.70	48.927	
5,400.00	4,460.13	4,829.28	4,733.77	62.89	22.06	-169.11	409.77	623.15	2,190.81	2,146.43	44.38	49.360	
5,500.00	4,536.45	4,885.00	4,788.93	64.36	22.30	-169.21	412.99	630.31	2,244.62	2,199.69	44.93	49.963	
5,600.00	4,612.78	4,938.03	4,841.54	65.83	22.51	-169.31	415.71	636.41	2,299.54	2,254.11	45.42	50.624	
5,700.00	4,689.10	5,012.00	4,915.08	67.30	22.81	-169.46	419.10	643.56	2,355.87	2,309.76	46.11	51.091	
5,800.00	4,765.42	5,037.30	4,940.28	68.77	22.90	-169.52	420.13	645.65	2,412.94	2,366.61	46.33	52.087	
5,900.00	4,841.75	5,087.34	4,990.15	70.24	23.07	-169.63	421.86	649.29	2,471.28	2,424.52	46.76	52.850	
6,000.00	4,918.07	5,138.00	5,040.71	71.70	23.25	-169.75	423.21	652.31	2,530.66	2,483.47	47.19	53.622	
6,100.00	4,994.39	5,198.26	5,100.87	73.17	23.45	-169.90	424.66	655.31	2,590.84	2,543.12	47.71	54.300	
6,200.00	5,070.72	5,264.00	5,166.53	74.64	23.67	-170.05	426.43	658.14	2,651.56	2,603.27	48.29	54.910	
6,300.00	5,147.04	5,318.33	5,220.81	76.11	23.84	-170.18	427.84	660.09	2,712.86	2,664.11	48.75	55.649	
6,400.00	5,223.36	5,390.00	5,292.43	77.58	24.06	-170.34	429.27	662.05	2,774.83	2,725.45	49.38	56.195	
6,500.00	5,299.68	5,425.49	5,327.92	79.05	24.16	-170.43	429.78	662.71	2,837.37	2,787.73	49.64	57.161	
6,600.00	5,376.01	5,472.06	5,374.48	80.52	24.29	-170.55	430.21	663.12	2,900.80	2,850.80	50.00	58.015	
6,700.00	5,452.33	5,518.40	5,420.82	81.99	24.42	-170.67	430.37	663.03	2,965.05	2,914.69	50.36	58.879	
6,800.00	5,528.65	5,602.12	5,504.54	83.46	24.64	-170.88	430.46	662.56	3,029.61	2,978.53	51.07	59.319	
6,900.00	5,604.98	5,684.76	5,587.17	84.93	24.86	-171.09	430.36	662.30	3,093.99	3,042.22	51.78	59.758	
7,000.00	5,681.30	5,765.86	5,668.26	86.40	25.07	-171.33	428.55	662.14	3,158.27	3,105.82	52.45	60.217	
7,100.00	5,757.62	5,828.34	5,730.66	87.87	25.23	-171.54	425.58	662.01	3,222.57	3,169.64	52.93	60.880	
7,176.71	5,816.17	5,868.00	5,770.14	89.00	25.32	-171.71	421.87	661.60	3,272.32	3,219.11	53.21	61.502	
7,200.00	5,833.92	5,875.86	5,777.94	89.34	25.33	-167.04	420.92	661.48	3,287.47	3,234.22	53.25	61.737	
7,250.00	5,871.73	5,900.00	5,801.81	90.07	25.38	-157.33	417.37	661.05	3,319.85	3,266.46	53.39	62.182	
7,300.00	5,908.91	5,919.24	5,820.73	90.78	25.42	-148.09	413.89	660.63	3,351.86	3,298.38	53.47	62.686	
7,350.00	5,945.18	5,932.00	5,833.21	91.48	25.45	-139.42	411.26	660.30	3,383.32	3,329.83	53.49	63.252	
7,400.00	5,980.26	5,948.67	5,849.43	92.14	25.47	-131.53	407.45	659.81	3,414.08	3,360.56	53.52	63.790	
7,450.00	6,013.88	5,965.00	5,865.23	92.77	25.50	-124.39	403.35	659.22	3,443.97	3,390.43	53.54	64.330	
7,500.00	6,045.79	5,965.00	5,865.23	93.36	25.50	-117.75	403.35	659.22	3,472.79	3,419.37	53.42	65.009	
7,550.00	6,075.75	5,976.29	5,876.08	93.90	25.52	-112.02	400.30	658.76	3,500.40	3,447.03	53.37	65.583	
7,600.00	6,103.52	5,982.19	5,881.74	94.40	25.53	-106.90	398.63	658.49	3,526.65	3,473.37	53.28	66.193	
7,650.00	6,128.89	5,996.00	5,894.92	94.85	25.55	-102.58	394.55	657.82	3,551.41	3,498.18	53.23	66.713	
7,700.00	6,151.68	5,996.00	5,894.92	95.25	25.55	-98.62	394.55	657.82	3,574.45	3,521.37	53.09	67.334	
7,750.00	6,171.71	5,996.00	5,894.92	95.60	25.55	-95.23	394.55	657.82	3,595.71	3,542.78	52.94	67.926	
7,800.00	6,188.82	5,996.00	5,894.92	95.91	25.55	-92.36	394.55	657.82	3,615.06	3,562.27	52.79	68.477	
7,850.00	6,202.89	5,996.00	5,894.92	96.16	25.55	-89.98	394.55	657.82	3,632.38	3,579.72	52.66	68.977	
7,900.00	6,213.81	5,996.00	5,894.92	96.38	25.55	-88.06	394.55	657.82	3,647.57	3,595.02	52.55	69.412	
7,950.00	6,221.49	5,996.00	5,894.92	96.55	25.55	-86.58	394.55	657.82	3,660.54	3,608.07	52.47	69.768	
8,000.00	6,225.88	5,996.00	5,894.92	96.69	25.55	-85.51	394.55	657.82	3,671.22	3,618.79	52.42	70.033	
8,040.96	6,227.00	5,982.01	5,881.57	96.77	25.53	-84.72	398.68	658.50	3,678.12	3,625.83	52.29	70.347	
8,100.00	6,227.00	5,977.11	5,876.87	96.88	25.52	-84.65	400.07	658.72	3,687.43	3,635.16	52.28	70.538	
8,200.00	6,227.00	5,965.00	5,865.23	97.07	25.50	-84.47	403.35	659.22	3,705.26	3,652.94	52.32	70.813	
8,300.00	6,227.00	5,965.00	5,865.23	97.28	25.50	-84.47	403.35	659.22	3,725.62	3,673.00	52.62	70.803	
8,400.00	6,227.00	5,965.00	5,865.23	97.49	25.50	-84.47	403.35	659.22	3,748.54	3,695.51	53.03	70.683	
8,500.00	6,227.00	5,948.37	5,849.14	97.72	25.47	-84.21	407.53	659.82	3,773.83	3,720.46	53.37	70.714	
8,600.00	6,227.00	5,932.00	5,833.21	97.97	25.45	-83.96	411.26	660.30	3,801.65	3,747.85	53.79	70.670	
8,700.00	6,227.00	5,932.00	5,833.21	98.23	25.45	-83.96	411.26	660.30	3,831.74	3,777.25	54.49	70.316	
8,800.00	6,227.00	5,932.00	5,833.21	98.50	25.45	-83.96	411.26	660.30	3,864.19	3,808.92	55.27	69.919	
8,900.00	6,227.00	5,932.00	5,833.21	98.79	25.45	-83.96	411.26	660.30	3,898.93	3,842.83	56.10	69.497	
9,000.00	6,227.00	5,932.00	5,833.21	99.09	25.45	-83.96	411.26	660.30	3,935.91	3,878.92	56.99	69.063	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 87-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	
9,100.00	6,227.00	5,916.87	5,818.41	99.41	25.42	-83.73	414.35	660.69	3,974.93	3,917.19	57.74	68.841	
9,200.00	6,227.00	5,912.70	5,814.31	99.75	25.41	-83.67	415.14	660.78	4,016.10	3,957.45	58.65	68.471	
9,300.00	6,227.00	5,900.00	5,801.81	100.10	25.38	-83.47	417.37	661.05	4,059.35	3,999.85	59.49	68.231	
9,400.00	6,227.00	5,900.00	5,801.81	100.47	25.38	-83.47	417.37	661.05	4,104.48	4,043.99	60.50	67.846	
9,500.00	6,227.00	5,900.00	5,801.81	100.86	25.38	-83.47	417.37	661.05	4,151.54	4,090.03	61.51	67.493	
9,600.00	6,227.00	5,900.00	5,801.81	101.26	25.38	-83.47	417.37	661.05	4,200.45	4,137.92	62.53	67.178	
9,700.00	6,227.00	5,900.00	5,801.81	101.68	25.38	-83.47	417.37	661.05	4,251.15	4,187.60	63.54	66.902	
9,800.00	6,227.00	5,900.00	5,801.81	102.13	25.38	-83.47	417.37	661.05	4,303.57	4,239.02	64.55	66.667	
9,900.00	6,227.00	5,900.00	5,801.81	102.59	25.38	-83.47	417.37	661.05	4,357.66	4,292.11	65.55	66.474	
10,000.00	6,227.00	5,886.76	5,788.73	103.07	25.36	-83.27	419.43	661.30	4,413.24	4,346.84	66.41	66.459	
10,100.00	6,227.00	5,884.23	5,786.23	103.58	25.35	-83.23	419.79	661.34	4,470.43	4,403.08	67.36	66.370	
10,200.00	6,227.00	5,881.83	5,783.86	104.10	25.35	-83.19	420.12	661.38	4,529.10	4,460.81	68.29	66.319	
10,300.00	6,227.00	5,868.00	5,770.14	104.65	25.32	-82.97	421.87	661.60	4,589.28	4,520.18	69.10	66.416	
10,400.00	6,227.00	5,868.00	5,770.14	105.22	25.32	-82.97	421.87	661.60	4,650.70	4,580.68	70.02	66.417	
10,500.00	6,227.00	5,868.00	5,770.14	105.82	25.32	-82.97	421.87	661.60	4,713.45	4,642.52	70.93	66.455	
10,600.00	6,227.00	5,868.00	5,770.14	106.43	25.32	-82.97	421.87	661.60	4,777.47	4,705.66	71.81	66.530	
10,700.00	6,227.00	5,868.00	5,770.14	107.07	25.32	-82.97	421.87	661.60	4,842.71	4,770.04	72.67	66.640	
10,800.00	6,227.00	5,868.00	5,770.14	107.74	25.32	-82.97	421.87	661.60	4,909.11	4,835.60	73.51	66.783	
10,900.00	6,227.00	5,868.00	5,770.14	108.42	25.32	-82.97	421.87	661.60	4,976.64	4,902.32	74.32	66.959	
11,000.00	6,227.00	5,868.00	5,770.14	109.14	25.32	-82.97	421.87	661.60	5,045.25	4,970.13	75.12	67.166	
11,100.00	6,227.00	5,868.00	5,770.14	109.87	25.32	-82.97	421.87	661.60	5,114.89	5,039.01	75.89	67.402	
11,200.00	6,227.00	5,868.00	5,770.14	110.64	25.32	-82.97	421.87	661.60	5,185.53	5,108.90	76.63	67.665	
11,300.00	6,227.00	5,868.00	5,770.14	111.43	25.32	-82.97	421.87	661.60	5,257.12	5,179.76	77.36	67.956	
11,400.00	6,227.00	5,868.00	5,770.14	112.24	25.32	-82.97	421.87	661.60	5,329.63	5,251.56	78.07	68.271	
11,500.00	6,227.00	5,868.00	5,770.14	113.08	25.32	-82.97	421.87	661.60	5,403.01	5,324.26	78.75	68.610	
11,600.00	6,227.00	5,868.00	5,770.14	113.94	25.32	-82.97	421.87	661.60	5,477.23	5,397.82	79.41	68.972	
11,700.00	6,227.00	5,853.70	5,755.92	114.83	25.28	-82.75	423.42	661.78	5,552.15	5,472.20	79.94	69.451	
11,800.00	6,227.00	5,852.18	5,754.41	115.74	25.28	-82.73	423.57	661.80	5,627.93	5,547.38	80.56	69.864	
11,900.00	6,227.00	5,850.71	5,752.95	116.68	25.28	-82.71	423.71	661.81	5,704.46	5,623.31	81.15	70.295	
12,000.00	6,227.00	5,836.00	5,738.30	117.64	25.24	-82.48	425.00	661.95	5,781.80	5,700.18	81.63	70.831	
12,100.00	6,227.00	5,836.00	5,738.30	118.63	25.24	-82.48	425.00	661.95	5,859.71	5,777.51	82.20	71.288	
12,200.00	6,227.00	5,836.00	5,738.30	119.64	25.24	-82.48	425.00	661.95	5,938.28	5,855.53	82.75	71.761	
12,300.00	6,227.00	5,836.00	5,738.30	120.68	25.24	-82.48	425.00	661.95	6,017.49	5,934.20	83.29	72.250	
12,400.00	6,227.00	5,836.00	5,738.30	121.74	25.24	-82.48	425.00	661.95	6,097.30	6,013.50	83.81	72.755	
12,500.00	6,227.00	5,836.00	5,738.30	122.82	25.24	-82.48	425.00	661.95	6,177.71	6,093.40	84.31	73.274	
12,600.00	6,227.00	5,836.00	5,738.30	123.92	25.24	-82.48	425.00	661.95	6,258.67	6,173.88	84.80	73.807	
12,700.00	6,227.00	5,836.00	5,738.30	125.04	25.24	-82.48	425.00	661.95	6,340.19	6,254.92	85.27	74.353	
12,800.00	6,227.00	5,836.00	5,738.30	126.19	25.24	-82.48	425.00	661.95	6,422.22	6,336.49	85.73	74.912	
12,900.00	6,227.00	5,836.00	5,738.30	127.35	25.24	-82.48	425.00	661.95	6,504.76	6,418.58	86.18	75.483	
13,000.00	6,227.00	5,836.00	5,738.30	128.54	25.24	-82.48	425.00	661.95	6,587.78	6,501.17	86.61	76.065	
13,100.00	6,227.00	5,836.00	5,738.30	129.74	25.24	-82.48	425.00	661.95	6,671.27	6,584.24	87.03	76.658	
13,200.00	6,227.00	5,836.00	5,738.30	130.97	25.24	-82.48	425.00	661.95	6,755.20	6,667.77	87.43	77.262	
13,300.00	6,227.00	5,836.00	5,738.30	132.21	25.24	-82.48	425.00	661.95	6,839.57	6,751.74	87.83	77.875	
13,400.00	6,227.00	5,836.00	5,738.30	133.47	25.24	-82.48	425.00	661.95	6,924.35	6,836.14	88.21	78.498	
13,500.00	6,227.00	5,836.00	5,738.30	134.74	25.24	-82.48	425.00	661.95	7,009.54	6,920.96	88.58	79.129	
13,600.00	6,227.00	5,836.00	5,738.30	136.03	25.24	-82.48	425.00	661.95	7,095.11	7,006.17	88.95	79.770	
13,700.00	6,227.00	5,836.00	5,738.30	137.34	25.24	-82.48	425.00	661.95	7,181.06	7,091.76	89.30	80.418	
13,800.00	6,227.00	5,836.00	5,738.30	138.67	25.24	-82.48	425.00	661.95	7,267.36	7,177.72	89.64	81.074	
13,900.00	6,227.00	5,836.00	5,738.30	140.00	25.24	-82.48	425.00	661.95	7,354.01	7,264.04	89.97	81.738	
14,000.00	6,227.00	5,836.00	5,738.30	141.36	25.24	-82.48	425.00	661.95	7,441.00	7,350.70	90.29	82.409	
14,100.00	6,227.00	5,836.00	5,738.30	142.72	25.24	-82.48	425.00	661.95	7,528.31	7,437.70	90.61	83.087	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 87-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		
14,200.00	6,227.00	5,836.00	5,738.30	144.10	25.24	-82.48	425.00	661.95	7,615.93	7,525.02	90.91	83.771		
14,300.00	6,227.00	5,836.00	5,738.30	145.49	25.24	-82.48	425.00	661.95	7,703.85	7,612.64	91.21	84.462		
14,400.00	6,227.00	5,836.00	5,738.30	146.90	25.24	-82.48	425.00	661.95	7,792.07	7,700.56	91.50	85.158		
14,500.00	6,227.00	5,836.00	5,738.30	148.31	25.24	-82.48	425.00	661.95	7,880.56	7,788.78	91.78	85.860		
14,600.00	6,227.00	5,836.00	5,738.30	149.74	25.24	-82.48	425.00	661.95	7,969.33	7,877.27	92.06	86.568		
14,700.00	6,227.00	5,836.00	5,738.30	151.18	25.24	-82.48	425.00	661.95	8,058.36	7,966.03	92.33	87.281		
14,800.00	6,227.00	5,836.00	5,738.30	152.62	25.24	-82.48	425.00	661.95	8,147.65	8,055.06	92.59	87.999		
14,900.00	6,227.00	5,821.14	5,723.48	154.08	25.21	-82.25	426.07	662.05	8,237.05	8,144.29	92.76	88.796		
15,000.00	6,227.00	5,820.47	5,722.81	155.55	25.21	-82.24	426.12	662.05	8,326.81	8,233.80	93.01	89.526		
15,100.00	6,227.00	5,819.82	5,722.16	157.03	25.21	-82.23	426.16	662.05	8,416.80	8,323.55	93.25	90.261		
15,200.00	6,227.00	5,819.18	5,721.52	158.51	25.20	-82.22	426.20	662.05	8,507.01	8,413.52	93.48	91.000		
15,300.00	6,227.00	5,818.55	5,720.89	160.01	25.20	-82.21	426.24	662.06	8,597.44	8,503.72	93.71	91.743		
15,400.00	6,227.00	5,817.94	5,720.28	161.51	25.20	-82.20	426.28	662.06	8,688.07	8,594.14	93.94	92.489		
15,500.00	6,227.00	5,803.00	5,705.36	163.02	25.16	-81.97	427.07	662.10	8,779.03	8,684.95	94.08	93.313		
15,600.00	6,227.00	5,803.00	5,705.36	164.54	25.16	-81.97	427.07	662.10	8,870.06	8,775.76	94.30	94.063		
15,700.00	6,227.00	5,803.00	5,705.36	166.06	25.16	-81.97	427.07	662.10	8,961.28	8,866.77	94.51	94.817		
15,800.00	6,227.00	5,803.00	5,705.36	167.59	25.16	-81.97	427.07	662.10	9,052.68	8,957.96	94.72	95.575		
15,900.00	6,227.00	5,803.00	5,705.36	169.13	25.16	-81.97	427.07	662.10	9,144.27	9,049.34	94.92	96.335		
16,000.00	6,227.00	5,803.00	5,705.36	170.68	25.16	-81.97	427.07	662.10	9,236.02	9,140.90	95.12	97.098		
16,100.00	6,227.00	5,803.00	5,705.36	172.23	25.16	-81.97	427.07	662.10	9,327.95	9,232.64	95.31	97.865		
16,200.00	6,227.00	5,803.00	5,705.36	173.78	25.16	-81.97	427.07	662.10	9,420.04	9,324.54	95.51	98.634		
16,300.00	6,227.00	5,803.00	5,705.36	175.35	25.16	-81.97	427.07	662.10	9,512.30	9,416.60	95.69	99.406		
16,400.00	6,227.00	5,803.00	5,705.36	176.92	25.16	-81.97	427.07	662.10	9,604.70	9,508.83	95.87	100.180		
16,500.00	6,227.00	5,803.00	5,705.36	178.49	25.16	-81.97	427.07	662.10	9,697.26	9,601.21	96.05	100.957		
16,600.00	6,227.00	5,803.00	5,705.36	180.07	25.16	-81.97	427.07	662.10	9,789.97	9,693.74	96.23	101.736		
16,700.00	6,227.00	5,803.00	5,705.36	181.65	25.16	-81.97	427.07	662.10	9,882.81	9,786.41	96.40	102.517		
16,800.00	6,227.00	5,803.00	5,705.36	183.24	25.16	-81.97	427.07	662.10	9,975.80	9,879.23	96.57	103.301		
16,900.00	6,227.00	5,803.00	5,705.36	184.84	25.16	-81.97	427.07	662.10	10,068.92	9,972.18	96.74	104.086		

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE K21-O24-36HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 222-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	0.20	79.78	0.28	80.29				
100.00	100.00	91.22	91.22	0.27	0.15	0.17	79.65	0.24	79.66	79.24	0.42	189.666	
200.00	199.98	191.43	191.43	0.62	0.32	-85.85	79.23	0.11	79.08	78.14	0.94	84.169	
300.00	299.84	291.30	291.29	0.99	0.62	-89.79	78.60	-0.02	78.27	76.67	1.60	48.987	
358.70	358.35	349.75	349.75	1.20	0.82	-93.21	78.29	0.04	78.07	76.04	2.03	38.527 CC	
400.00	399.45	390.68	390.68	1.36	0.97	-95.97	78.16	0.27	78.23	75.90	2.32	33.665 ES	
500.00	498.70	489.80	489.78	1.75	1.31	-103.32	78.48	1.96	80.15	77.09	3.06	26.178	
600.00	597.47	589.33	589.24	2.18	1.66	-111.07	79.61	5.47	84.52	80.70	3.82	22.136	
700.00	695.62	688.51	688.18	2.63	2.01	-117.90	81.95	11.79	91.39	86.79	4.60	19.887	
800.00	793.06	788.76	787.87	3.12	2.38	-123.33	85.87	21.57	100.40	95.00	5.40	18.588	
900.00	889.64	889.25	887.43	3.66	2.77	-127.86	90.48	34.39	110.74	104.50	6.24	17.756	
1,000.00	985.27	991.08	987.93	4.25	3.19	-131.91	95.53	49.94	122.39	115.29	7.10	17.239	
1,100.00	1,079.82	1,091.84	1,086.77	4.89	3.63	-135.28	100.51	68.86	134.26	126.28	7.98	16.816 SF	
1,200.00	1,173.17	1,189.29	1,182.34	5.58	4.06	-138.79	105.38	87.32	149.04	140.18	8.86	16.822	
1,300.00	1,265.21	1,292.49	1,283.43	6.34	4.54	-142.65	109.83	107.56	166.15	156.42	9.73	17.070	
1,400.00	1,355.84	1,390.02	1,378.65	7.16	5.01	-146.07	113.46	128.37	184.91	174.32	10.59	17.466	
1,500.00	1,444.94	1,488.11	1,474.05	8.05	5.50	-148.67	119.18	150.38	207.04	195.57	11.47	18.054	
1,600.00	1,532.39	1,590.04	1,572.51	9.02	6.04	-150.72	126.37	175.77	230.70	218.31	12.39	18.618	
1,700.00	1,618.11	1,688.26	1,666.96	10.05	6.59	-152.51	133.27	201.81	256.12	242.81	13.31	19.241	
1,800.00	1,701.97	1,777.30	1,752.76	11.16	7.09	-154.05	139.89	224.67	285.71	271.52	14.19	20.133	
1,900.00	1,783.88	1,872.71	1,844.80	12.35	7.62	-155.55	147.59	248.62	319.27	304.18	15.10	21.150	
2,000.00	1,863.74	1,968.82	1,937.27	13.61	8.16	-156.88	155.66	273.50	355.41	339.40	16.01	22.195	
2,100.00	1,941.45	2,065.07	2,029.71	14.95	8.72	-158.25	162.60	299.39	393.56	376.64	16.92	23.266	
2,112.50	1,951.01	2,076.54	2,040.72	15.12	8.79	-158.41	163.37	302.51	398.50	381.48	17.03	23.404	
2,200.00	2,017.79	2,156.22	2,117.20	16.35	9.26	-159.69	168.75	324.23	433.37	415.59	17.78	24.369	
2,300.00	2,094.11	2,245.08	2,202.55	17.76	9.78	-160.92	174.61	348.23	473.62	454.98	18.64	25.411	
2,400.00	2,170.44	2,334.67	2,288.63	19.17	10.31	-161.86	181.56	372.06	514.59	495.07	19.52	26.367	
2,500.00	2,246.76	2,426.85	2,377.14	20.60	10.85	-162.67	188.75	396.83	555.42	535.00	20.42	27.200	
2,600.00	2,323.08	2,514.59	2,461.28	22.03	11.38	-163.22	196.73	420.40	596.51	575.19	21.32	27.978	
2,700.00	2,399.41	2,599.97	2,543.14	23.47	11.89	-163.56	205.84	442.87	638.35	616.12	22.23	28.718	
2,800.00	2,475.73	2,685.91	2,625.57	24.91	12.40	-163.78	216.06	464.94	680.96	657.80	23.16	29.408	
2,900.00	2,552.05	2,776.23	2,712.50	26.36	12.92	-164.11	225.42	487.57	723.96	699.86	24.09	30.047	
3,000.00	2,628.38	2,871.02	2,803.84	27.80	13.48	-164.55	233.62	511.53	766.58	741.54	25.04	30.612	
3,100.00	2,704.70	2,965.77	2,894.97	29.25	14.03	-164.91	242.10	536.03	808.73	782.73	26.00	31.106	
3,200.00	2,781.02	3,060.55	2,986.05	30.71	14.60	-165.25	250.24	560.96	850.44	823.48	26.95	31.553	
3,300.00	2,857.35	3,151.38	3,073.38	32.16	15.14	-165.62	257.07	585.01	891.90	864.04	27.86	32.014	
3,400.00	2,933.67	3,240.46	3,159.05	33.62	15.67	-165.94	263.77	608.45	933.53	904.78	28.75	32.467	
3,500.00	3,009.99	3,346.76	3,261.09	35.07	16.31	-166.26	272.38	636.99	974.78	944.99	29.80	32.712	
3,600.00	3,086.31	3,431.56	3,342.13	36.53	16.84	-166.39	280.66	660.54	1,015.31	984.61	30.71	33.063	
3,700.00	3,162.64	3,543.10	3,448.57	37.99	17.54	-166.56	291.39	692.09	1,055.34	1,023.50	31.84	33.144	
3,800.00	3,238.96	3,635.67	3,536.49	39.45	18.14	-166.62	301.27	719.29	1,094.41	1,061.57	32.84	33.324	
3,900.00	3,315.28	3,721.16	3,617.78	40.91	18.69	-166.68	310.32	744.18	1,133.74	1,099.96	33.78	33.560	
4,000.00	3,391.61	3,803.11	3,696.05	42.37	19.21	-166.81	317.75	767.28	1,173.81	1,139.15	34.66	33.864	
4,100.00	3,467.93	3,892.72	3,781.78	43.84	19.77	-166.97	325.42	792.21	1,214.21	1,178.61	35.59	34.113	
4,200.00	3,544.25	3,969.00	3,854.93	45.30	20.23	-167.09	332.00	812.81	1,255.37	1,218.96	36.41	34.481	
4,300.00	3,620.58	4,055.29	3,937.93	46.76	20.75	-167.26	338.79	835.40	1,297.25	1,259.96	37.29	34.789	
4,400.00	3,696.90	4,132.94	4,012.82	48.23	21.20	-167.45	344.09	855.23	1,339.67	1,301.60	38.07	35.186	
4,500.00	3,773.22	4,254.26	4,129.43	49.69	21.93	-167.65	353.70	887.23	1,381.35	1,342.08	39.27	35.178	
4,600.00	3,849.55	4,336.70	4,208.51	51.16	22.44	-167.75	360.81	909.43	1,422.61	1,382.48	40.13	35.446	
4,700.00	3,925.87	4,440.10	4,307.77	52.62	23.07	-167.95	367.94	937.49	1,463.56	1,422.41	41.15	35.564	
4,800.00	4,002.19	4,528.67	4,392.66	54.09	23.61	-168.09	374.46	961.90	1,504.16	1,462.11	42.06	35.766	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE K21-O24-36HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 222-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,900.00	4,078.51	4,607.47	4,468.23	55.56	24.09	-168.17	381.25	983.17	1,545.38	1,502.49	42.89	36.031	
5,000.00	4,154.84	4,692.43	4,549.95	57.02	24.60	-168.29	387.68	1,005.51	1,587.19	1,543.43	43.76	36.270	
5,100.00	4,231.16	4,800.41	4,653.87	58.49	25.25	-168.49	394.41	1,034.06	1,628.82	1,584.02	44.81	36.353	
5,200.00	4,307.48	4,901.22	4,750.52	59.96	25.87	-168.66	400.76	1,061.98	1,669.22	1,623.43	45.79	36.450	
5,300.00	4,383.81	4,985.98	4,831.80	61.43	26.39	-168.78	406.52	1,085.32	1,709.84	1,663.18	46.66	36.647	
5,400.00	4,460.13	5,068.72	4,911.27	62.89	26.89	-168.91	411.72	1,107.75	1,750.84	1,703.35	47.49	36.865	
5,500.00	4,536.45	5,153.60	4,992.86	64.36	27.40	-169.01	417.67	1,130.39	1,792.30	1,743.94	48.36	37.064	
5,600.00	4,612.78	5,243.82	5,079.47	65.83	27.95	-169.07	425.54	1,154.42	1,833.89	1,784.60	49.30	37.201	
5,700.00	4,689.10	5,340.39	5,172.17	67.30	28.54	-169.13	433.73	1,180.21	1,875.42	1,825.12	50.29	37.291	
5,800.00	4,765.42	5,414.89	5,243.72	68.77	28.99	-169.19	439.57	1,200.14	1,916.92	1,865.85	51.07	37.532	
5,900.00	4,841.75	5,478.16	5,304.76	70.24	29.36	-169.25	444.29	1,216.10	1,959.74	1,908.00	51.74	37.877	
6,000.00	4,918.07	5,559.99	5,383.93	71.70	29.83	-169.35	449.85	1,236.01	2,003.38	1,950.82	52.56	38.115	
6,100.00	4,994.39	5,670.59	5,490.62	73.17	30.47	-169.44	458.24	1,263.93	2,046.13	1,992.46	53.67	38.124	
6,200.00	5,070.72	5,734.97	5,552.71	74.64	30.85	-169.46	464.29	1,279.79	2,089.61	2,035.25	54.36	38.438	
6,300.00	5,147.04	5,837.97	5,651.95	76.11	31.45	-169.47	474.71	1,305.34	2,132.95	2,077.50	55.45	38.468	
6,400.00	5,223.36	5,902.00	5,713.92	77.58	31.81	-169.51	479.78	1,320.63	2,177.03	2,120.92	56.12	38.795	
6,500.00	5,299.68	6,198.93	5,990.88	79.05	33.16	-171.96	420.44	1,395.35	2,218.08	2,160.73	57.36	38.671	
6,600.00	5,376.01	6,256.70	6,038.15	80.52	33.36	-172.89	390.48	1,409.55	2,255.64	2,198.14	57.50	39.229	
6,700.00	5,452.33	6,324.74	6,089.54	81.99	33.53	-174.14	348.55	1,424.51	2,294.96	2,237.38	57.59	39.852	
6,800.00	5,528.65	6,373.33	6,122.91	83.46	33.62	-175.12	314.56	1,434.08	2,336.28	2,278.60	57.68	40.503	
6,900.00	5,604.98	6,411.06	6,146.81	84.93	33.69	-175.93	286.15	1,440.73	2,380.06	2,322.30	57.76	41.206	
7,000.00	5,681.30	6,445.20	6,166.85	86.40	33.74	-176.68	259.05	1,446.13	2,426.41	2,368.60	57.82	41.967	
7,100.00	5,757.62	6,478.06	6,184.71	87.87	33.78	-177.43	231.89	1,450.90	2,475.27	2,417.41	57.86	42.779	
7,176.71	5,816.17	6,499.55	6,195.63	89.00	33.81	-177.93	213.61	1,453.79	2,514.44	2,456.57	57.87	43.449	
7,200.00	5,833.92	6,520.00	6,205.44	89.34	33.84	-174.27	195.85	1,456.38	2,526.70	2,468.77	57.93	43.614	
7,250.00	5,871.73	6,520.00	6,205.44	90.07	33.84	-165.43	195.85	1,456.38	2,553.31	2,495.44	57.87	44.124	
7,300.00	5,908.91	6,536.52	6,212.96	90.78	33.86	-157.27	181.29	1,458.44	2,580.47	2,522.58	57.89	44.575	
7,350.00	5,945.18	6,564.34	6,224.87	91.48	33.89	-149.79	156.41	1,462.04	2,607.92	2,549.92	58.00	44.962	
7,400.00	5,980.26	6,566.19	6,225.62	92.14	33.89	-142.11	154.74	1,462.29	2,635.56	2,577.61	57.94	45.487	
7,450.00	6,013.88	6,553.95	6,220.54	92.77	33.88	-134.60	165.75	1,460.68	2,663.18	2,605.41	57.77	46.102	
7,500.00	6,045.79	6,533.41	6,211.57	93.36	33.85	-127.47	184.04	1,458.05	2,690.53	2,633.01	57.52	46.776	
7,550.00	6,075.75	6,520.00	6,205.44	93.90	33.84	-121.12	195.85	1,456.38	2,717.37	2,660.05	57.32	47.406	
7,600.00	6,103.52	6,520.00	6,205.44	94.40	33.84	-115.70	195.85	1,456.38	2,743.52	2,686.28	57.24	47.928	
7,650.00	6,128.89	6,520.00	6,205.44	94.85	33.84	-110.84	195.85	1,456.38	2,768.84	2,711.66	57.18	48.421	
7,700.00	6,151.68	6,494.38	6,193.06	95.25	33.80	-106.01	218.04	1,453.11	2,792.87	2,735.96	56.91	49.076	
7,750.00	6,171.71	6,484.35	6,187.98	95.60	33.79	-102.06	226.58	1,451.76	2,815.74	2,758.95	56.79	49.584	
7,800.00	6,188.82	6,473.41	6,182.27	95.91	33.78	-98.63	235.79	1,450.25	2,837.16	2,780.49	56.68	50.057	
7,850.00	6,202.89	6,461.67	6,175.98	96.16	33.76	-95.68	245.56	1,448.57	2,856.98	2,800.39	56.59	50.486	
7,900.00	6,213.81	6,432.00	6,159.28	96.38	33.73	-92.93	269.67	1,444.10	2,875.18	2,818.86	56.32	51.050	
7,950.00	6,221.49	6,432.00	6,159.28	96.55	33.73	-91.10	269.67	1,444.10	2,891.22	2,834.78	56.45	51.221	
8,000.00	6,225.88	6,432.00	6,159.28	96.69	33.73	-89.68	269.67	1,444.10	2,905.42	2,848.77	56.64	51.293	
8,040.96	6,227.00	6,432.00	6,159.28	96.77	33.73	-88.81	269.67	1,444.10	2,915.61	2,858.74	56.86	51.273	
8,100.00	6,227.00	6,432.00	6,159.28	96.88	33.73	-88.81	269.67	1,444.10	2,929.91	2,872.65	57.26	51.172	
8,200.00	6,227.00	6,378.86	6,126.52	97.07	33.63	-88.16	310.51	1,435.10	2,955.00	2,897.82	57.18	51.675	
8,300.00	6,227.00	6,343.00	6,102.42	97.28	33.57	-87.68	336.14	1,428.23	2,983.40	2,925.98	57.43	51.953	
8,400.00	6,227.00	6,343.00	6,102.42	97.49	33.57	-87.68	336.14	1,428.23	3,014.12	2,955.73	58.39	51.623	
8,500.00	6,227.00	6,343.00	6,102.42	97.72	33.57	-87.68	336.14	1,428.23	3,047.80	2,988.33	59.47	51.249	
8,600.00	6,227.00	6,303.97	6,074.41	97.97	33.47	-87.13	362.08	1,420.13	3,083.40	3,023.52	59.88	51.496	
8,700.00	6,227.00	6,288.28	6,062.65	98.23	33.44	-86.89	371.88	1,416.71	3,121.76	3,060.97	60.79	51.356	
8,800.00	6,227.00	6,255.00	6,036.80	98.50	33.36	-86.39	391.43	1,409.16	3,162.75	3,101.37	61.38	51.529	
8,900.00	6,227.00	6,255.00	6,036.80	98.79	33.36	-86.39	391.43	1,409.16	3,205.64	3,142.95	62.69	51.134	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE K21-O24-36HNB - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 222-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		
9,000.00	6,227.00	6,255.00	6,036.80	99.09	33.36	-86.39	391.43	1,409.16	3,251.05	3,187.01	64.04	50.767		
9,100.00	6,227.00	6,255.00	6,036.80	99.41	33.36	-86.39	391.43	1,409.16	3,298.86	3,233.45	65.40	50.438		
9,200.00	6,227.00	6,255.00	6,036.80	99.75	33.36	-86.39	391.43	1,409.16	3,348.97	3,282.19	66.78	50.151		
9,300.00	6,227.00	6,217.92	6,006.74	100.10	33.23	-85.80	411.18	1,400.20	3,400.19	3,332.82	67.37	50.470		
9,400.00	6,227.00	6,208.97	5,999.30	100.47	33.20	-85.66	415.62	1,397.94	3,453.99	3,385.45	68.54	50.391		
9,500.00	6,227.00	6,167.00	5,963.59	100.86	33.06	-84.97	434.65	1,386.83	3,510.62	3,441.59	69.03	50.858		
9,600.00	6,227.00	6,167.00	5,963.59	101.26	33.06	-84.97	434.65	1,386.83	3,567.77	3,497.42	70.35	50.713		
9,700.00	6,227.00	6,167.00	5,963.59	101.68	33.06	-84.97	434.65	1,386.83	3,626.77	3,555.12	71.65	50.618		
9,800.00	6,227.00	6,167.00	5,963.59	102.13	33.06	-84.97	434.65	1,386.83	3,687.55	3,614.63	72.92	50.570		
9,900.00	6,227.00	6,167.00	5,963.59	102.59	33.06	-84.97	434.65	1,386.83	3,750.01	3,675.85	74.16	50.569		
10,000.00	6,227.00	6,167.00	5,963.59	103.07	33.06	-84.97	434.65	1,386.83	3,814.06	3,738.70	75.36	50.612		
10,100.00	6,227.00	6,167.00	5,963.59	103.58	33.06	-84.97	434.65	1,386.83	3,879.64	3,803.11	76.52	50.698		
10,200.00	6,227.00	6,167.00	5,963.59	104.10	33.06	-84.97	434.65	1,386.83	3,946.66	3,869.00	77.65	50.824		
10,300.00	6,227.00	6,167.00	5,963.59	104.65	33.06	-84.97	434.65	1,386.83	4,015.05	3,936.31	78.74	50.988		
10,400.00	6,227.00	6,167.00	5,963.59	105.22	33.06	-84.97	434.65	1,386.83	4,084.75	4,004.95	79.80	51.188		
10,500.00	6,227.00	6,167.00	5,963.59	105.82	33.06	-84.97	434.65	1,386.83	4,155.68	4,074.87	80.81	51.422		
10,600.00	6,227.00	6,128.36	5,929.48	106.43	32.89	-84.33	449.40	1,376.29	4,226.58	4,145.45	81.13	52.098		
10,700.00	6,227.00	6,123.50	5,925.10	107.07	32.87	-84.24	451.05	1,374.97	4,299.46	4,217.46	82.00	52.433		
10,800.00	6,227.00	6,118.90	5,920.94	107.74	32.85	-84.16	452.57	1,373.73	4,373.38	4,290.54	82.84	52.792		
10,900.00	6,227.00	6,078.00	5,883.34	108.42	32.68	-83.46	464.28	1,362.74	4,449.41	4,366.33	83.07	53.561		
11,000.00	6,227.00	6,078.00	5,883.34	109.14	32.68	-83.46	464.28	1,362.74	4,525.02	4,441.09	83.93	53.912		
11,100.00	6,227.00	6,078.00	5,883.34	109.87	32.68	-83.46	464.28	1,362.74	4,601.57	4,516.81	84.76	54.289		
11,200.00	6,227.00	6,078.00	5,883.34	110.64	32.68	-83.46	464.28	1,362.74	4,679.00	4,593.44	85.56	54.688		
11,300.00	6,227.00	6,078.00	5,883.34	111.43	32.68	-83.46	464.28	1,362.74	4,757.28	4,670.95	86.32	55.109		
11,400.00	6,227.00	6,078.00	5,883.34	112.24	32.68	-83.46	464.28	1,362.74	4,836.35	4,749.29	87.06	55.551		
11,500.00	6,227.00	6,078.00	5,883.34	113.08	32.68	-83.46	464.28	1,362.74	4,916.19	4,828.42	87.77	56.012		
11,600.00	6,227.00	6,078.00	5,883.34	113.94	32.68	-83.46	464.28	1,362.74	4,996.75	4,908.30	88.45	56.490		
11,700.00	6,227.00	6,078.00	5,883.34	114.83	32.68	-83.46	464.28	1,362.74	5,078.01	4,988.90	89.11	56.986		
11,800.00	6,227.00	6,078.00	5,883.34	115.74	32.68	-83.46	464.28	1,362.74	5,159.92	5,070.18	89.74	57.498		
11,900.00	6,227.00	6,078.00	5,883.34	116.68	32.68	-83.46	464.28	1,362.74	5,242.46	5,152.11	90.35	58.025		
12,000.00	6,227.00	6,078.00	5,883.34	117.64	32.68	-83.46	464.28	1,362.74	5,325.60	5,234.66	90.93	58.566		
12,100.00	6,227.00	6,078.00	5,883.34	118.63	32.68	-83.46	464.28	1,362.74	5,409.31	5,317.81	91.50	59.121		
12,200.00	6,227.00	6,078.00	5,883.34	119.64	32.68	-83.46	464.28	1,362.74	5,493.56	5,401.52	92.04	59.688		
12,300.00	6,227.00	6,078.00	5,883.34	120.68	32.68	-83.46	464.28	1,362.74	5,578.34	5,485.77	92.56	60.267		
12,400.00	6,227.00	6,078.00	5,883.34	121.74	32.68	-83.46	464.28	1,362.74	5,663.61	5,570.54	93.06	60.857		
12,500.00	6,227.00	6,078.00	5,883.34	122.82	32.68	-83.46	464.28	1,362.74	5,749.35	5,655.80	93.55	61.458		
12,600.00	6,227.00	6,078.00	5,883.34	123.92	32.68	-83.46	464.28	1,362.74	5,835.55	5,741.54	94.02	62.068		
12,700.00	6,227.00	6,078.00	5,883.34	125.04	32.68	-83.46	464.28	1,362.74	5,922.19	5,827.72	94.47	62.689		
12,800.00	6,227.00	6,078.00	5,883.34	126.19	32.68	-83.46	464.28	1,362.74	6,009.24	5,914.33	94.91	63.318		
12,900.00	6,227.00	6,078.00	5,883.34	127.35	32.68	-83.46	464.28	1,362.74	6,096.68	6,001.36	95.33	63.956		
13,000.00	6,227.00	6,078.00	5,883.34	128.54	32.68	-83.46	464.28	1,362.74	6,184.51	6,088.78	95.73	64.602		
13,100.00	6,227.00	6,078.00	5,883.34	129.74	32.68	-83.46	464.28	1,362.74	6,272.70	6,176.57	96.13	65.256		
13,200.00	6,227.00	6,078.00	5,883.34	130.97	32.68	-83.46	464.28	1,362.74	6,361.24	6,264.74	96.50	65.916		
13,300.00	6,227.00	6,078.00	5,883.34	132.21	32.68	-83.46	464.28	1,362.74	6,450.12	6,353.24	96.87	66.584		
13,400.00	6,227.00	6,078.00	5,883.34	133.47	32.68	-83.46	464.28	1,362.74	6,539.31	6,442.09	97.23	67.258		
13,500.00	6,227.00	6,078.00	5,883.34	134.74	32.68	-83.46	464.28	1,362.74	6,628.82	6,531.25	97.57	67.939		
13,600.00	6,227.00	6,078.00	5,883.34	136.03	32.68	-83.46	464.28	1,362.74	6,718.62	6,620.72	97.90	68.625		
13,700.00	6,227.00	6,078.00	5,883.34	137.34	32.68	-83.46	464.28	1,362.74	6,808.70	6,710.48	98.23	69.317		
13,800.00	6,227.00	6,078.00	5,883.34	138.67	32.68	-83.46	464.28	1,362.74	6,899.06	6,800.52	98.54	70.014		
13,900.00	6,227.00	6,037.70	5,845.34	140.00	32.49	-82.75	472.71	1,352.34	6,988.35	6,889.92	98.83	71.000		
14,000.00	6,227.00	6,036.22	5,843.93	141.36	32.48	-82.72	472.97	1,351.97	7,079.12	6,980.41	98.71	71.716		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE K21-024-36HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 222-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	
14,100.00	6,227.00	6,034.79	5,842.57	142.72	32.48	-82.69	473.21	1,351.61	7,170.13	7,071.15	98.98	72.437	
14,200.00	6,227.00	6,033.40	5,841.25	144.10	32.47	-82.67	473.44	1,351.27	7,261.38	7,162.13	99.25	73.161	
14,300.00	6,227.00	6,032.06	5,839.96	145.49	32.46	-82.65	473.66	1,350.93	7,352.85	7,253.34	99.51	73.890	
14,400.00	6,227.00	6,030.75	5,838.72	146.90	32.46	-82.62	473.87	1,350.61	7,444.54	7,344.77	99.76	74.622	
14,500.00	6,227.00	5,990.00	5,799.47	148.31	32.27	-81.89	478.87	1,340.89	7,537.73	7,438.10	99.63	75.655	
14,600.00	6,227.00	5,990.00	5,799.47	149.74	32.27	-81.89	478.87	1,340.89	7,629.75	7,529.87	99.89	76.384	
14,700.00	6,227.00	5,990.00	5,799.47	151.18	32.27	-81.89	478.87	1,340.89	7,721.97	7,621.84	100.13	77.117	
14,800.00	6,227.00	5,990.00	5,799.47	152.62	32.27	-81.89	478.87	1,340.89	7,814.38	7,714.01	100.37	77.854	
14,900.00	6,227.00	5,990.00	5,799.47	154.08	32.27	-81.89	478.87	1,340.89	7,906.97	7,806.37	100.61	78.593	
15,000.00	6,227.00	5,990.00	5,799.47	155.55	32.27	-81.89	478.87	1,340.89	7,999.75	7,898.91	100.83	79.336	
15,100.00	6,227.00	5,990.00	5,799.47	157.03	32.27	-81.89	478.87	1,340.89	8,092.69	7,991.64	101.06	80.082	
15,200.00	6,227.00	5,990.00	5,799.47	158.51	32.27	-81.89	478.87	1,340.89	8,185.80	8,084.53	101.27	80.830	
15,300.00	6,227.00	5,990.00	5,799.47	160.01	32.27	-81.89	478.87	1,340.89	8,279.08	8,177.59	101.48	81.581	
15,400.00	6,227.00	5,990.00	5,799.47	161.51	32.27	-81.89	478.87	1,340.89	8,372.50	8,270.81	101.69	82.335	
15,500.00	6,227.00	5,990.00	5,799.47	163.02	32.27	-81.89	478.87	1,340.89	8,466.08	8,364.19	101.89	83.091	
15,600.00	6,227.00	5,990.00	5,799.47	164.54	32.27	-81.89	478.87	1,340.89	8,559.80	8,457.72	102.08	83.850	
15,700.00	6,227.00	5,990.00	5,799.47	166.06	32.27	-81.89	478.87	1,340.89	8,653.67	8,551.39	102.28	84.611	
15,800.00	6,227.00	5,990.00	5,799.47	167.59	32.27	-81.89	478.87	1,340.89	8,747.67	8,645.20	102.46	85.374	
15,900.00	6,227.00	5,990.00	5,799.47	169.13	32.27	-81.89	478.87	1,340.89	8,841.80	8,739.15	102.65	86.139	
16,000.00	6,227.00	5,990.00	5,799.47	170.68	32.27	-81.89	478.87	1,340.89	8,936.05	8,833.23	102.82	86.906	
16,100.00	6,227.00	5,990.00	5,799.47	172.23	32.27	-81.89	478.87	1,340.89	9,030.44	8,927.44	103.00	87.674	
16,200.00	6,227.00	5,990.00	5,799.47	173.78	32.27	-81.89	478.87	1,340.89	9,124.94	9,021.77	103.17	88.445	
16,300.00	6,227.00	5,990.00	5,799.47	175.35	32.27	-81.89	478.87	1,340.89	9,219.56	9,116.22	103.34	89.217	
16,400.00	6,227.00	5,990.00	5,799.47	176.92	32.27	-81.89	478.87	1,340.89	9,314.29	9,210.78	103.50	89.991	
16,500.00	6,227.00	5,990.00	5,799.47	178.49	32.27	-81.89	478.87	1,340.89	9,409.12	9,305.46	103.66	90.766	
16,600.00	6,227.00	5,990.00	5,799.47	180.07	32.27	-81.89	478.87	1,340.89	9,504.07	9,400.25	103.82	91.543	
16,700.00	6,227.00	5,990.00	5,799.47	181.65	32.27	-81.89	478.87	1,340.89	9,599.12	9,495.14	103.98	92.321	
16,800.00	6,227.00	5,990.00	5,799.47	183.24	32.27	-81.89	478.87	1,340.89	9,694.26	9,590.14	104.13	93.101	
16,900.00	6,227.00	5,990.00	5,799.47	184.84	32.27	-81.89	478.87	1,340.89	9,789.51	9,685.23	104.28	93.881	
17,000.00	6,227.00	5,990.00	5,799.47	186.43	32.27	-81.89	478.87	1,340.89	9,884.85	9,780.43	104.42	94.663	
17,100.00	6,227.00	5,990.00	5,799.47	188.04	32.27	-81.89	478.87	1,340.89	9,980.28	9,875.71	104.56	95.446	
17,200.00	6,227.00	5,990.00	5,799.47	189.64	32.27	-81.89	478.87	1,340.89	10,075.79	9,971.09	104.71	96.230	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 17-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	152.38	152.38	0.27	0.49	-73.06	968.69	-3,179.45	3,324.18	3,323.42	0.76	4,389.093	
139.10	139.10	179.13	179.12	0.41	0.58	-157.72	968.54	-3,179.15	3,323.92	3,322.93	0.99	3,357.946	
200.00	199.98	229.00	228.99	0.62	0.76	-157.73	968.33	-3,178.60	3,324.58	3,323.20	1.38	2,403.987	
300.00	299.84	312.15	312.14	0.99	1.06	-157.72	968.26	-3,177.96	3,328.69	3,326.65	2.04	1,631.828	
400.00	399.45	403.24	403.22	1.36	1.38	-157.71	968.45	-3,177.65	3,336.48	3,333.75	2.73	1,222.943	
500.00	498.70	486.92	486.91	1.75	1.67	-157.69	968.29	-3,177.73	3,347.81	3,344.42	3.39	987.653	
600.00	597.47	571.75	571.72	2.18	1.96	-157.69	967.05	-3,178.55	3,362.81	3,358.75	4.06	828.723	
700.00	695.62	650.84	650.76	2.63	2.23	-157.69	964.75	-3,180.01	3,381.45	3,376.73	4.72	717.078	
800.00	793.06	720.33	720.14	3.12	2.47	-157.68	961.58	-3,182.11	3,403.93	3,398.58	5.35	636.146	
900.00	889.64	793.00	792.61	3.66	2.73	-157.68	957.18	-3,185.44	3,430.56	3,424.56	6.01	571.029	
1,000.00	985.27	862.39	861.71	4.25	2.98	-157.68	952.29	-3,189.31	3,461.01	3,454.35	6.67	519.257	
1,100.00	1,079.82	965.49	964.36	4.89	3.37	-157.78	944.58	-3,195.12	3,494.66	3,487.19	7.46	468.331	
1,200.00	1,173.17	1,056.84	1,055.34	5.58	3.71	-157.84	937.89	-3,199.99	3,531.20	3,522.97	8.23	429.177	
1,300.00	1,265.21	1,164.27	1,162.36	6.34	4.11	-157.94	930.37	-3,205.43	3,570.71	3,561.64	9.07	393.764	
1,400.00	1,355.84	1,216.32	1,214.20	7.16	4.31	-157.81	926.64	-3,208.16	3,613.42	3,603.71	9.70	372.374	
1,500.00	1,444.94	1,262.00	1,259.66	8.05	4.48	-157.62	923.12	-3,211.11	3,660.07	3,649.75	10.32	354.673	
1,600.00	1,532.39	1,334.23	1,331.46	9.02	4.76	-157.53	917.33	-3,216.35	3,710.26	3,699.21	11.05	335.696	
1,700.00	1,618.11	1,436.88	1,433.54	10.05	5.16	-157.59	909.45	-3,223.76	3,763.43	3,751.51	11.92	315.733	
1,800.00	1,701.97	1,688.33	1,683.98	11.16	6.13	-158.40	889.78	-3,233.95	3,816.18	3,802.77	13.42	284.432	
1,900.00	1,783.88	1,737.76	1,733.23	12.35	6.32	-158.17	885.79	-3,235.17	3,871.34	3,857.25	14.09	274.835	
2,000.00	1,863.74	1,773.14	1,768.49	13.61	6.45	-157.82	883.14	-3,236.40	3,930.13	3,915.43	14.70	267.396	
2,100.00	1,941.45	1,801.00	1,796.26	14.95	6.56	-157.38	881.17	-3,237.62	3,992.44	3,977.17	15.28	261.344	
2,112.50	1,951.01	1,801.00	1,796.26	15.12	6.56	-157.30	881.17	-3,237.62	4,000.49	3,985.15	15.34	260.825	
2,200.00	2,017.79	1,841.44	1,836.56	16.35	6.72	-157.54	878.55	-3,239.74	4,057.15	4,041.24	15.90	255.130	
2,300.00	2,094.11	1,890.00	1,884.94	17.76	6.90	-157.82	875.79	-3,242.82	4,122.75	4,106.20	16.55	249.042	
2,400.00	2,170.44	10,798.81	6,311.98	19.17	122.33	-173.75	372.45	834.87	4,153.90	4,109.10	44.80	92.715	
2,500.00	2,246.76	10,863.12	6,312.11	20.60	124.04	-173.68	376.18	899.07	4,077.74	4,032.06	45.69	89.253	
2,600.00	2,323.08	10,940.96	6,312.23	22.03	126.10	-173.61	380.10	976.81	4,001.52	3,954.85	46.68	85.727	
2,700.00	2,399.41	11,016.13	6,312.22	23.47	128.11	-173.59	381.52	1,051.96	3,925.04	3,877.41	47.63	82.407	
2,800.00	2,475.73	11,081.69	6,312.24	24.91	129.86	-173.61	381.32	1,117.52	3,848.48	3,799.98	48.50	79.344	
2,900.00	2,552.05	11,139.09	6,312.37	26.36	131.40	-173.64	380.29	1,174.91	3,771.99	3,722.67	49.32	76.483	
3,000.00	2,628.38	11,208.42	6,312.65	27.80	133.26	-173.71	378.22	1,244.21	3,695.56	3,645.35	50.20	73.611	
3,100.00	2,704.70	11,281.46	6,312.75	29.25	135.22	-173.79	375.62	1,317.21	3,618.92	3,567.82	51.11	70.811	
3,200.00	2,781.02	11,343.08	6,312.82	30.71	136.87	-173.86	373.36	1,378.78	3,542.28	3,490.33	51.94	68.199	
3,300.00	2,857.35	11,455.80	6,312.25	32.16	139.90	-173.99	369.54	1,491.44	3,465.29	3,412.22	53.06	65.303	
3,400.00	2,933.67	11,513.40	6,311.56	33.62	141.45	-174.05	368.19	1,549.02	3,387.86	3,333.98	53.88	62.880	
3,500.00	3,009.99	11,575.10	6,310.83	35.07	143.10	-174.10	367.05	1,610.70	3,310.47	3,255.75	54.72	60.500	
3,600.00	3,086.31	11,635.00	6,310.26	36.53	144.71	-174.20	364.12	1,670.52	3,233.11	3,177.58	55.53	58.223	
3,700.00	3,162.64	11,689.71	6,309.82	37.99	146.18	-174.29	361.86	1,725.18	3,155.87	3,099.55	56.32	56.034	
3,800.00	3,238.96	11,745.88	6,309.37	39.45	147.69	-174.30	362.37	1,781.34	3,078.84	3,021.68	57.16	53.867	
3,900.00	3,315.28	11,808.78	6,308.77	40.91	149.37	-174.25	365.29	1,844.17	3,001.87	2,943.81	58.06	51.703	
4,000.00	3,391.61	11,870.70	6,308.13	42.37	151.02	-174.15	369.50	1,905.94	2,924.94	2,865.96	58.98	49.591	
4,100.00	3,467.93	11,930.33	6,307.57	43.84	152.61	-174.06	373.25	1,965.44	2,848.06	2,788.16	59.89	47.554	
4,200.00	3,544.25	11,983.83	6,307.24	45.30	154.04	-173.98	376.43	2,018.86	2,771.36	2,710.59	60.77	45.601	
4,300.00	3,620.58	12,045.34	6,307.07	46.76	155.68	-173.89	379.96	2,080.26	2,694.88	2,633.17	61.70	43.674	
4,400.00	3,696.90	12,106.00	6,306.83	48.23	157.30	-173.79	383.47	2,140.82	2,618.33	2,555.69	62.64	41.801	
4,500.00	3,773.22	12,167.25	6,306.67	49.69	158.93	-173.69	386.98	2,201.97	2,541.87	2,478.29	63.58	39.978	
4,600.00	3,849.55	12,224.69	6,306.75	51.16	160.47	-173.60	390.16	2,259.31	2,465.66	2,401.15	64.52	38.218	
4,700.00	3,925.87	12,286.31	6,306.97	52.62	162.12	-173.49	393.44	2,320.85	2,389.58	2,324.10	65.47	36.497	
4,800.00	4,002.19	12,352.12	6,307.23	54.09	163.88	-173.38	396.93	2,386.57	2,313.53	2,247.08	66.46	34.813	
4,900.00	4,078.51	12,423.76	6,307.45	55.56	165.80	-173.25	400.51	2,458.12	2,237.41	2,169.95	67.46	33.166	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE K-35-36MRLNB - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 17-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		
5,000.00	4,154.84	12,496.70	6,307.53	57.02	167.76	-173.22	401.40	2,531.04	2,160.99	2,092.58	68.41	31.591		
5,100.00	4,231.16	12,556.28	6,307.59	58.49	169.37	-173.20	402.18	2,590.62	2,084.56	2,015.23	69.33	30.069		
5,200.00	4,307.48	12,622.06	6,307.68	59.96	171.14	-173.13	403.87	2,656.37	2,008.21	1,937.93	70.28	28.573		
5,300.00	4,383.81	12,694.83	6,307.73	61.43	173.09	-173.11	404.42	2,729.14	1,931.73	1,860.52	71.21	27.126		
5,400.00	4,460.13	12,770.36	6,307.70	62.89	175.13	-173.36	399.36	2,804.48	1,854.82	1,782.85	71.97	25.773		
5,500.00	4,536.45	12,832.93	6,307.60	64.36	176.82	-173.61	394.59	2,866.87	1,777.80	1,705.08	72.72	24.447		
5,600.00	4,612.78	12,908.38	6,307.07	65.83	178.86	-173.80	391.59	2,942.25	1,700.62	1,627.12	73.49	23.140		
5,700.00	4,689.10	12,972.98	6,306.07	67.30	180.60	-173.82	391.91	3,006.83	1,623.09	1,548.71	74.38	21.822		
5,800.00	4,765.42	13,032.81	6,305.08	68.77	182.20	-173.70	394.51	3,066.59	1,545.68	1,470.33	75.36	20.512		
5,900.00	4,841.75	13,093.30	6,304.11	70.24	183.82	-173.48	398.52	3,126.94	1,468.40	1,392.00	76.40	19.219		
6,000.00	4,918.07	13,159.40	6,303.04	71.70	185.59	-173.18	403.51	3,192.84	1,391.17	1,313.67	77.50	17.952		
6,100.00	4,994.39	13,219.61	6,301.98	73.17	187.20	-172.91	407.53	3,252.91	1,313.83	1,235.22	78.61	16.713		
6,200.00	5,070.72	13,270.94	6,301.54	74.64	188.58	-172.71	410.15	3,304.17	1,236.99	1,157.24	79.75	15.510		
6,300.00	5,147.04	13,333.39	6,301.57	76.11	190.26	-172.55	412.10	3,366.59	1,160.62	1,079.80	80.82	14.360		
6,400.00	5,223.36	13,399.74	6,301.61	77.58	192.05	-172.48	412.46	3,432.93	1,084.13	1,002.35	81.78	13.257		
6,500.00	5,299.68	13,463.47	6,301.66	79.05	193.77	-172.43	412.55	3,496.67	1,007.63	924.88	82.75	12.177		
6,600.00	5,376.01	13,527.85	6,301.70	80.52	195.51	-172.33	413.09	3,561.05	931.16	847.40	83.76	11.117		
6,700.00	5,452.33	13,592.76	6,301.66	81.99	197.26	-172.13	414.41	3,625.94	854.68	769.83	84.85	10.073		
6,800.00	5,528.65	13,658.12	6,301.51	83.46	199.02	-171.83	416.27	3,691.27	778.14	692.12	86.02	9.046		
6,900.00	5,604.98	13,724.32	6,301.23	84.93	200.81	-171.49	417.91	3,757.45	701.47	614.25	87.22	8.042		
7,000.00	5,681.30	13,786.62	6,300.97	86.40	202.49	-171.14	419.05	3,819.74	624.77	536.23	88.54	7.056		
7,100.00	5,757.62	13,848.89	6,300.93	87.87	204.17	-170.62	420.73	3,881.99	548.37	458.29	90.08	6.088		
7,176.71	5,816.17	13,898.54	6,300.96	89.00	205.51	-170.09	422.07	3,931.62	489.84	398.47	91.37	5.361		
7,200.00	5,833.92	13,913.60	6,300.97	89.34	205.92	-170.02	422.45	3,946.68	472.05	380.35	91.70	5.148		
7,250.00	5,871.73	13,946.21	6,300.97	90.07	206.80	-170.72	423.22	3,979.28	433.76	342.08	91.68	4.731		
7,300.00	5,908.91	13,978.42	6,300.93	90.78	207.67	-172.69	423.90	4,011.48	395.65	305.04	90.61	4.367		
7,350.00	5,945.18	14,009.79	6,300.86	91.48	208.52	-175.86	424.49	4,042.84	358.28	269.48	88.80	4.035		
7,400.00	5,980.26	14,038.84	6,300.80	92.14	209.30	-179.73	424.94	4,071.89	322.54	234.83	87.72	3.677		
7,450.00	6,013.88	14,067.03	6,300.82	92.77	210.06	-175.98	425.25	4,100.08	289.76	198.90	90.86	3.189		
7,500.00	6,045.79	14,080.00	6,300.83	93.36	210.41	-174.46	425.38	4,113.05	262.08	157.49	104.59	2.506		
7,550.00	6,075.75	14,080.00	6,300.83	93.90	210.41	-176.01	425.38	4,113.05	244.01	112.99	131.03	1.862		
7,596.62	6,101.72	14,080.00	6,300.83	94.36	210.41	-178.00	425.38	4,113.05	238.25	75.37	162.87	1.463 Level 3, CC		
7,600.00	6,103.52	14,080.00	6,300.83	94.40	210.41	-178.16	425.38	4,113.05	238.28	73.01	165.26	1.442 Level 3		
7,650.00	6,128.89	14,080.00	6,300.83	94.85	210.41	-179.06	425.38	4,113.05	245.77	46.87	198.90	1.236 Level 2		
7,700.00	6,151.68	14,080.00	6,300.83	95.25	210.41	-175.59	425.38	4,113.05	265.32	39.51	225.81	1.175 Level 2, ES, SF		
7,750.00	6,171.71	14,080.00	6,300.83	95.60	210.41	-171.24	425.38	4,113.05	294.41	49.58	244.83	1.203 Level 2		
7,800.00	6,188.82	14,080.00	6,300.83	95.91	210.41	-165.73	425.38	4,113.05	330.35	72.63	257.72	1.282 Level 3		
7,850.00	6,202.89	14,080.00	6,300.83	96.16	210.41	-158.71	425.38	4,113.05	370.92	104.31	266.61	1.391 Level 3		
7,900.00	6,213.81	14,080.00	6,300.83	96.38	210.41	-149.75	425.38	4,113.05	414.49	141.44	273.05	1.518		
7,950.00	6,221.49	14,080.00	6,300.83	96.55	210.41	-138.61	425.38	4,113.05	459.95	181.93	278.01	1.654		
8,000.00	6,225.88	14,080.00	6,300.83	96.69	210.41	-125.64	425.38	4,113.05	506.47	224.45	282.02	1.796		
8,040.96	6,227.00	14,080.00	6,300.83	96.77	210.41	-114.47	425.38	4,113.05	544.97	260.16	284.81	1.913		
8,100.00	6,227.00	14,080.00	6,300.83	96.88	210.41	-114.47	425.38	4,113.05	600.91	312.84	288.07	2.086		
8,200.00	6,227.00	14,080.00	6,300.83	97.07	210.41	-114.47	425.38	4,113.05	696.82	404.88	291.94	2.387		
8,300.00	6,227.00	14,080.00	6,300.83	97.28	210.41	-114.47	425.38	4,113.05	793.75	499.21	294.54	2.695		
8,400.00	6,227.00	14,080.00	6,300.83	97.49	210.41	-114.47	425.38	4,113.05	891.35	594.98	296.37	3.008		
8,500.00	6,227.00	14,080.00	6,300.83	97.72	210.41	-114.47	425.38	4,113.05	989.43	691.73	297.70	3.324		
8,600.00	6,227.00	14,080.00	6,300.83	97.97	210.41	-114.47	425.38	4,113.05	1,087.86	789.16	298.70	3.642		
8,700.00	6,227.00	14,080.00	6,300.83	98.23	210.41	-114.47	425.38	4,113.05	1,186.56	887.07	299.48	3.962		
8,800.00	6,227.00	14,080.00	6,300.83	98.50	210.41	-114.47	425.38	4,113.05	1,285.45	985.35	300.10	4.283		
8,900.00	6,227.00	14,080.00	6,300.83	98.79	210.41	-114.47	425.38	4,113.05	1,384.51	1,083.91	300.59	4.606		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE K-35-36MRLNB - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 17-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		
9,000.00	6,227.00	14,080.00	6,300.83	99.09	210.41	-114.47	425.38	4,113.05	1,483.69	1,182.69	301.00	4.929		
9,100.00	6,227.00	14,080.00	6,300.83	99.41	210.41	-114.47	425.38	4,113.05	1,582.97	1,281.63	301.34	5.253		
9,200.00	6,227.00	14,080.00	6,300.83	99.75	210.41	-114.47	425.38	4,113.05	1,682.34	1,380.72	301.62	5.578		
9,300.00	6,227.00	14,080.00	6,300.83	100.10	210.41	-114.47	425.38	4,113.05	1,781.78	1,479.91	301.87	5.903		
9,400.00	6,227.00	14,080.00	6,300.83	100.47	210.41	-114.47	425.38	4,113.05	1,881.28	1,579.20	302.08	6.228		
9,500.00	6,227.00	14,080.00	6,300.83	100.86	210.41	-114.47	425.38	4,113.05	1,980.83	1,678.57	302.26	6.553		
9,600.00	6,227.00	14,080.00	6,300.83	101.26	210.41	-114.47	425.38	4,113.05	2,080.42	1,778.00	302.42	6.879		
9,700.00	6,227.00	14,080.00	6,300.83	101.68	210.41	-114.47	425.38	4,113.05	2,180.05	1,877.49	302.56	7.205		
9,800.00	6,227.00	14,080.00	6,300.83	102.13	210.41	-114.47	425.38	4,113.05	2,279.71	1,977.03	302.69	7.532		
9,900.00	6,227.00	14,080.00	6,300.83	102.59	210.41	-114.47	425.38	4,113.05	2,379.40	2,076.60	302.80	7.858		
10,000.00	6,227.00	14,080.00	6,300.83	103.07	210.41	-114.47	425.38	4,113.05	2,479.12	2,176.22	302.90	8.185		
10,100.00	6,227.00	14,080.00	6,300.83	103.58	210.41	-114.47	425.38	4,113.05	2,578.86	2,275.86	302.99	8.511		
10,200.00	6,227.00	14,080.00	6,300.83	104.10	210.41	-114.47	425.38	4,113.05	2,678.61	2,375.54	303.07	8.838		
10,300.00	6,227.00	14,080.00	6,300.83	104.65	210.41	-114.47	425.38	4,113.05	2,778.39	2,475.24	303.15	9.165		
10,400.00	6,227.00	14,080.00	6,300.83	105.22	210.41	-114.47	425.38	4,113.05	2,878.18	2,574.96	303.22	9.492		
10,500.00	6,227.00	14,080.00	6,300.83	105.82	210.41	-114.47	425.38	4,113.05	2,977.98	2,674.69	303.29	9.819		
10,600.00	6,227.00	14,080.00	6,300.83	106.43	210.41	-114.47	425.38	4,113.05	3,077.80	2,774.45	303.35	10.146		
10,700.00	6,227.00	14,080.00	6,300.83	107.07	210.41	-114.47	425.38	4,113.05	3,177.63	2,874.22	303.40	10.473		
10,800.00	6,227.00	14,080.00	6,300.83	107.74	210.41	-114.47	425.38	4,113.05	3,277.47	2,974.01	303.46	10.800		
10,900.00	6,227.00	14,080.00	6,300.83	108.42	210.41	-114.47	425.38	4,113.05	3,377.32	3,073.81	303.51	11.128		
11,000.00	6,227.00	14,080.00	6,300.83	109.14	210.41	-114.47	425.38	4,113.05	3,477.17	3,173.62	303.55	11.455		
11,100.00	6,227.00	14,080.00	6,300.83	109.87	210.41	-114.47	425.38	4,113.05	3,577.04	3,273.44	303.60	11.782		
11,200.00	6,227.00	14,080.00	6,300.83	110.64	210.41	-114.47	425.38	4,113.05	3,676.91	3,373.27	303.64	12.109		
11,300.00	6,227.00	14,080.00	6,300.83	111.43	210.41	-114.47	425.38	4,113.05	3,776.79	3,473.11	303.68	12.437		
11,400.00	6,227.00	14,080.00	6,300.83	112.24	210.41	-114.47	425.38	4,113.05	3,876.68	3,572.96	303.72	12.764		
11,500.00	6,227.00	14,080.00	6,300.83	113.08	210.41	-114.47	425.38	4,113.05	3,976.57	3,672.81	303.76	13.091		
11,600.00	6,227.00	14,080.00	6,300.83	113.94	210.41	-114.47	425.38	4,113.05	4,076.46	3,772.67	303.79	13.419		
11,700.00	6,227.00	14,080.00	6,300.83	114.83	210.41	-114.47	425.38	4,113.05	4,176.36	3,872.54	303.83	13.746		
11,800.00	6,227.00	14,080.00	6,300.83	115.74	210.41	-114.47	425.38	4,113.05	4,276.27	3,972.41	303.86	14.073		
11,900.00	6,227.00	14,080.00	6,300.83	116.68	210.41	-114.47	425.38	4,113.05	4,376.18	4,072.29	303.89	14.401		
12,000.00	6,227.00	14,080.00	6,300.83	117.64	210.41	-114.47	425.38	4,113.05	4,476.10	4,172.17	303.92	14.728		
12,100.00	6,227.00	14,080.00	6,300.83	118.63	210.41	-114.47	425.38	4,113.05	4,576.01	4,272.06	303.95	15.055		
12,200.00	6,227.00	14,080.00	6,300.83	119.64	210.41	-114.47	425.38	4,113.05	4,675.94	4,371.95	303.98	15.382		
12,300.00	6,227.00	14,080.00	6,300.83	120.68	210.41	-114.47	425.38	4,113.05	4,775.86	4,471.85	304.01	15.710		
12,400.00	6,227.00	14,080.00	6,300.83	121.74	210.41	-114.47	425.38	4,113.05	4,875.79	4,571.75	304.04	16.037		
12,500.00	6,227.00	14,080.00	6,300.83	122.82	210.41	-114.47	425.38	4,113.05	4,975.72	4,671.65	304.06	16.364		
12,600.00	6,227.00	14,080.00	6,300.83	123.92	210.41	-114.47	425.38	4,113.05	5,075.65	4,771.56	304.09	16.691		
12,700.00	6,227.00	14,080.00	6,300.83	125.04	210.41	-114.47	425.38	4,113.05	5,175.59	4,871.47	304.12	17.018		
12,800.00	6,227.00	14,080.00	6,300.83	126.19	210.41	-114.47	425.38	4,113.05	5,275.53	4,971.38	304.14	17.345		
12,900.00	6,227.00	14,080.00	6,300.83	127.35	210.41	-114.47	425.38	4,113.05	5,375.47	5,071.30	304.17	17.673		
13,000.00	6,227.00	14,080.00	6,300.83	128.54	210.41	-114.47	425.38	4,113.05	5,475.41	5,171.22	304.19	18.000		
13,100.00	6,227.00	14,080.00	6,300.83	129.74	210.41	-114.47	425.38	4,113.05	5,575.36	5,271.14	304.22	18.327		
13,200.00	6,227.00	14,080.00	6,300.83	130.97	210.41	-114.47	425.38	4,113.05	5,675.30	5,371.06	304.24	18.654		
13,300.00	6,227.00	14,080.00	6,300.83	132.21	210.41	-114.47	425.38	4,113.05	5,775.25	5,470.98	304.27	18.981		
13,400.00	6,227.00	14,080.00	6,300.83	133.47	210.41	-114.47	425.38	4,113.05	5,875.20	5,570.91	304.29	19.308		
13,500.00	6,227.00	14,080.00	6,300.83	134.74	210.41	-114.47	425.38	4,113.05	5,975.16	5,670.84	304.32	19.635		
13,600.00	6,227.00	14,080.00	6,300.83	136.03	210.41	-114.47	425.38	4,113.05	6,075.11	5,770.77	304.34	19.961		
13,700.00	6,227.00	14,080.00	6,300.83	137.34	210.41	-114.47	425.38	4,113.05	6,175.06	5,870.70	304.37	20.288		
13,800.00	6,227.00	14,080.00	6,300.83	138.67	210.41	-114.47	425.38	4,113.05	6,275.02	5,970.63	304.39	20.615		
13,900.00	6,227.00	14,080.00	6,300.83	140.00	210.41	-114.47	425.38	4,113.05	6,374.98	6,070.57	304.41	20.942		
14,000.00	6,227.00	14,080.00	6,300.83	141.36	210.41	-114.47	425.38	4,113.05	6,474.94	6,170.50	304.44	21.269		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE K-35-36MRLNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 17-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	
14,100.00	6,227.00	14,080.00	6,300.83	142.72	210.41	-114.47	425.38	4,113.05	6,574.90	6,270.44	304.46	21.595	
14,200.00	6,227.00	14,080.00	6,300.83	144.10	210.41	-114.47	425.38	4,113.05	6,674.86	6,370.38	304.48	21.922	
14,300.00	6,227.00	14,080.00	6,300.83	145.49	210.41	-114.47	425.38	4,113.05	6,774.82	6,470.32	304.51	22.248	
14,400.00	6,227.00	14,080.00	6,300.83	146.90	210.41	-114.47	425.38	4,113.05	6,874.79	6,570.26	304.53	22.575	
14,500.00	6,227.00	14,080.00	6,300.83	148.31	210.41	-114.47	425.38	4,113.05	6,974.75	6,670.20	304.55	22.902	
14,600.00	6,227.00	14,080.00	6,300.83	149.74	210.41	-114.47	425.38	4,113.05	7,074.72	6,770.14	304.58	23.228	
14,700.00	6,227.00	14,080.00	6,300.83	151.18	210.41	-114.47	425.38	4,113.05	7,174.69	6,870.09	304.60	23.554	
14,800.00	6,227.00	14,080.00	6,300.83	152.62	210.41	-114.47	425.38	4,113.05	7,274.65	6,970.03	304.62	23.881	
14,900.00	6,227.00	14,080.00	6,300.83	154.08	210.41	-114.47	425.38	4,113.05	7,374.62	7,069.98	304.65	24.207	
15,000.00	6,227.00	14,080.00	6,300.83	155.55	210.41	-114.47	425.38	4,113.05	7,474.59	7,169.92	304.67	24.533	
15,100.00	6,227.00	14,080.00	6,300.83	157.03	210.41	-114.47	425.38	4,113.05	7,574.56	7,269.87	304.70	24.859	
15,200.00	6,227.00	14,080.00	6,300.83	158.51	210.41	-114.47	425.38	4,113.05	7,674.53	7,369.82	304.72	25.186	
15,300.00	6,227.00	14,080.00	6,300.83	160.01	210.41	-114.47	425.38	4,113.05	7,774.51	7,469.76	304.74	25.512	
15,400.00	6,227.00	14,080.00	6,300.83	161.51	210.41	-114.47	425.38	4,113.05	7,874.48	7,569.71	304.77	25.838	
15,500.00	6,227.00	14,080.00	6,300.83	163.02	210.41	-114.47	425.38	4,113.05	7,974.45	7,669.66	304.79	26.164	
15,600.00	6,227.00	14,080.00	6,300.83	164.54	210.41	-114.47	425.38	4,113.05	8,074.43	7,769.61	304.81	26.490	
15,700.00	6,227.00	14,080.00	6,300.83	166.06	210.41	-114.47	425.38	4,113.05	8,174.40	7,869.56	304.84	26.816	
15,800.00	6,227.00	14,080.00	6,300.83	167.59	210.41	-114.47	425.38	4,113.05	8,274.38	7,969.51	304.86	27.141	
15,900.00	6,227.00	14,080.00	6,300.83	169.13	210.41	-114.47	425.38	4,113.05	8,374.35	8,069.47	304.89	27.467	
16,000.00	6,227.00	14,080.00	6,300.83	170.68	210.41	-114.47	425.38	4,113.05	8,474.33	8,169.42	304.91	27.793	
16,100.00	6,227.00	14,080.00	6,300.83	172.23	210.41	-114.47	425.38	4,113.05	8,574.31	8,269.37	304.94	28.118	
16,200.00	6,227.00	14,080.00	6,300.83	173.78	210.41	-114.47	425.38	4,113.05	8,674.28	8,369.32	304.96	28.444	
16,300.00	6,227.00	14,080.00	6,300.83	175.35	210.41	-114.47	425.38	4,113.05	8,774.26	8,469.28	304.98	28.769	
16,400.00	6,227.00	14,080.00	6,300.83	176.92	210.41	-114.47	425.38	4,113.05	8,874.24	8,569.23	305.01	29.095	
16,500.00	6,227.00	14,080.00	6,300.83	178.49	210.41	-114.47	425.38	4,113.05	8,974.22	8,669.18	305.03	29.420	
16,600.00	6,227.00	14,080.00	6,300.83	180.07	210.41	-114.47	425.38	4,113.05	9,074.20	8,769.14	305.06	29.746	
16,700.00	6,227.00	14,080.00	6,300.83	181.65	210.41	-114.47	425.38	4,113.05	9,174.18	8,869.09	305.09	30.071	
16,800.00	6,227.00	14,080.00	6,300.83	183.24	210.41	-114.47	425.38	4,113.05	9,274.16	8,969.05	305.11	30.396	
16,900.00	6,227.00	14,080.00	6,300.83	184.84	210.41	-114.47	425.38	4,113.05	9,374.14	9,069.00	305.14	30.721	
17,000.00	6,227.00	14,080.00	6,300.83	186.43	210.41	-114.47	425.38	4,113.05	9,474.12	9,168.96	305.16	31.046	
17,100.00	6,227.00	14,080.00	6,300.83	188.04	210.41	-114.47	425.38	4,113.05	9,574.10	9,268.91	305.19	31.371	
17,200.00	6,227.00	14,080.00	6,300.83	189.64	210.41	-114.47	425.38	4,113.05	9,674.08	9,368.87	305.21	31.696	
17,300.00	6,227.00	14,080.00	6,300.83	191.25	210.41	-114.47	425.38	4,113.05	9,774.07	9,468.83	305.24	32.021	
17,400.00	6,227.00	14,080.00	6,300.83	192.87	210.41	-114.47	425.38	4,113.05	9,874.05	9,568.78	305.27	32.346	
17,500.00	6,227.00	14,080.00	6,300.83	194.48	210.41	-114.47	425.38	4,113.05	9,974.03	9,668.74	305.29	32.670	
17,600.00	6,227.00	14,080.00	6,300.83	196.11	210.41	-114.47	425.38	4,113.05	10,074.01	9,768.70	305.32	32.995	
17,677.76	6,227.00	14,080.00	6,300.83	197.37	210.41	-114.47	425.38	4,113.05	10,151.76	9,846.42	305.34	33.247	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 92-MWD OWSG, 7544-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	-54.05	86.70	-119.55	148.09				
100.00	100.00	88.73	88.73	0.27	0.13	-54.10	86.65	-119.69	147.76	147.36	0.40	367.529 CC, ES	
200.00	199.98	188.69	188.69	0.62	0.48	-139.33	86.47	-120.09	149.30	148.19	1.11	134.815	
300.00	299.84	290.19	290.19	0.99	0.83	-140.38	86.73	-119.56	153.02	151.20	1.82	84.295	
400.00	399.45	392.77	392.70	1.36	1.19	-141.32	88.16	-116.41	158.01	155.48	2.53	62.376	
500.00	498.70	492.47	492.25	1.75	1.54	-142.20	90.74	-111.55	164.92	161.66	3.26	50.537	
600.00	597.47	594.11	593.66	2.18	1.91	-143.36	93.92	-105.49	174.00	169.99	4.01	43.348	
700.00	695.62	697.94	697.11	2.63	2.30	-144.75	97.12	-97.16	184.19	179.41	4.79	38.475	
800.00	793.06	804.23	802.69	3.12	2.71	-146.34	99.71	-85.35	194.37	188.79	5.58	34.828	
900.00	889.64	911.89	909.15	3.66	3.15	-148.25	100.70	-69.35	203.57	197.18	6.39	31.872	
1,000.00	985.27	1,019.32	1,014.65	4.25	3.62	-150.32	100.42	-49.12	211.85	204.65	7.20	29.420	
1,100.00	1,079.82	1,125.46	1,118.13	4.89	4.12	-152.50	99.29	-25.56	219.99	211.98	8.01	27.465	
1,200.00	1,173.17	1,230.57	1,219.94	5.58	4.64	-154.89	97.13	0.44	228.77	219.95	8.82	25.924	
1,300.00	1,265.21	1,340.24	1,325.14	6.34	5.25	-157.55	93.69	31.21	237.52	227.89	9.63	24.670	
1,400.00	1,355.84	1,441.14	1,421.09	7.16	5.84	-160.02	90.09	62.23	247.14	236.69	10.45	23.658	
1,500.00	1,444.94	1,542.40	1,517.12	8.05	6.47	-162.38	87.01	94.17	259.80	248.53	11.26	23.067	
1,600.00	1,532.39	1,648.62	1,617.25	9.02	7.17	-164.58	84.65	129.58	274.54	262.46	12.09	22.716	
1,700.00	1,618.11	1,758.40	1,719.07	10.05	7.95	-166.47	83.13	170.55	288.89	275.97	12.92	22.360	
1,800.00	1,701.97	1,866.16	1,817.49	11.16	8.79	-167.61	84.75	214.37	303.69	289.89	13.80	22.013	
1,900.00	1,783.88	1,978.10	1,917.70	12.35	9.73	-168.29	88.84	264.07	318.11	303.41	14.69	21.648	
2,000.00	1,863.74	2,082.58	2,009.69	13.61	10.68	-168.65	94.29	313.29	333.11	317.46	15.65	21.280	
2,100.00	1,941.45	2,171.65	2,088.03	14.95	11.50	-168.72	100.62	355.18	351.76	335.08	16.68	21.086	
2,112.50	1,951.01	2,182.48	2,097.63	15.12	11.60	-168.71	101.53	360.11	354.54	337.72	16.81	21.087	
2,200.00	2,017.79	2,267.69	2,173.33	16.35	12.37	-168.61	109.62	398.39	374.82	357.10	17.72	21.147	
2,300.00	2,094.11	2,372.01	2,265.02	17.76	13.34	-168.27	120.89	446.84	396.42	377.61	18.81	21.078	
2,400.00	2,170.44	2,471.39	2,351.77	19.17	14.29	-167.85	132.43	493.93	417.05	397.12	19.93	20.923	
2,500.00	2,246.76	2,562.21	2,431.35	20.60	15.16	-167.50	143.06	536.39	438.41	417.35	21.06	20.816	
2,600.00	2,323.08	2,675.16	2,530.08	22.03	16.27	-167.07	156.47	589.58	459.50	437.23	22.27	20.634	
2,700.00	2,399.41	2,781.74	2,621.18	23.47	17.37	-166.49	170.33	643.13	477.07	453.53	23.54	20.269	
2,800.00	2,475.73	2,878.86	2,703.76	24.91	18.40	-165.90	183.75	692.44	494.19	469.35	24.83	19.901	
2,900.00	2,552.05	2,972.77	2,784.14	26.36	19.39	-165.43	196.30	739.35	512.23	486.11	26.12	19.610	
3,000.00	2,628.38	3,082.86	2,878.05	27.80	20.56	-164.98	210.28	795.06	529.50	502.02	27.48	19.269	
3,100.00	2,704.70	3,178.76	2,959.52	29.25	21.60	-164.68	221.74	844.35	545.84	517.06	28.78	18.967	
3,200.00	2,781.02	3,274.26	3,041.15	30.71	22.63	-164.49	232.30	892.78	562.84	532.80	30.05	18.732	
3,300.00	2,857.35	3,370.13	3,123.48	32.16	23.66	-164.42	242.00	940.92	580.30	549.01	31.28	18.550	
3,400.00	2,933.67	3,465.37	3,205.52	33.62	24.67	-164.36	251.64	988.33	598.24	565.73	32.51	18.402	
3,500.00	3,009.99	3,582.14	3,305.51	35.07	25.94	-164.31	263.01	1,047.56	615.10	581.26	33.84	18.176	
3,600.00	3,086.31	3,704.55	3,408.09	36.53	27.35	-164.20	274.77	1,113.29	628.53	593.31	35.22	17.846	
3,700.00	3,162.64	3,816.92	3,500.11	37.99	28.72	-163.94	286.63	1,176.66	638.91	602.27	36.65	17.435	
3,800.00	3,238.96	3,908.51	3,574.86	39.45	29.83	-163.80	295.53	1,228.84	648.58	610.59	37.99	17.075	
3,900.00	3,315.28	3,980.00	3,634.24	40.91	30.69	-163.77	301.90	1,268.13	660.73	621.55	39.18	16.865	
4,000.00	3,391.61	4,064.69	3,706.19	42.37	31.62	-163.85	308.72	1,312.27	675.88	635.57	40.31	16.768 SF	
4,100.00	3,467.93	4,146.98	3,777.75	43.84	32.49	-164.03	314.63	1,352.46	694.38	653.05	41.33	16.799	
4,200.00	3,544.25	4,239.77	3,858.99	45.30	33.44	-164.26	321.10	1,396.82	714.07	671.68	42.39	16.847	
4,300.00	3,620.58	4,331.09	3,939.25	46.76	34.36	-164.45	327.87	1,439.86	734.57	691.14	43.43	16.913	
4,400.00	3,696.90	4,429.28	4,025.68	48.23	35.35	-164.59	336.02	1,485.73	755.65	711.08	44.57	16.956	
4,500.00	3,773.22	4,526.57	4,111.05	49.69	36.32	-164.66	344.83	1,531.56	776.41	730.68	45.73	16.979	
4,600.00	3,849.55	4,615.00	4,188.97	51.16	37.21	-164.75	352.41	1,572.67	797.80	751.00	46.79	17.050	
4,700.00	3,925.87	4,681.97	4,248.83	52.62	37.81	-164.89	357.54	1,602.25	821.61	774.04	47.57	17.272	
4,800.00	4,002.19	4,747.53	4,308.66	54.09	38.40	-165.10	361.86	1,628.71	849.20	800.97	48.23	17.609	
4,900.00	4,078.51	4,841.15	4,394.80	55.56	39.17	-165.42	367.76	1,664.90	878.57	829.44	49.12	17.886	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE K-O-36HC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 92-MWD OWSG, 7544-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	
5,000.00	4,154.84	4,927.84	4,474.72	57.02	39.86	-165.71	373.16	1,698.03	908.41	858.48	49.94	18.191	
5,100.00	4,231.16	5,018.59	4,558.91	58.49	40.59	-166.06	377.87	1,731.59	939.39	888.63	50.76	18.508	
5,200.00	4,307.48	5,137.67	4,668.51	59.96	41.55	-166.42	385.08	1,777.55	968.80	916.88	51.93	18.658	
5,300.00	4,383.81	5,220.69	4,744.65	61.43	42.24	-166.56	391.50	1,810.00	997.97	945.18	52.79	18.905	
5,400.00	4,460.13	5,286.40	4,805.24	62.89	42.76	-166.63	397.42	1,834.75	1,028.85	975.40	53.45	19.247	
5,500.00	4,536.45	5,341.13	4,856.39	64.36	43.16	-166.67	402.75	1,853.47	1,063.16	1,009.23	53.93	19.714	
5,600.00	4,612.78	5,399.15	4,911.28	65.83	43.56	-166.72	408.68	1,871.29	1,100.84	1,046.45	54.40	20.238	
5,700.00	4,689.10	5,465.58	4,974.72	67.30	43.96	-166.82	414.75	1,890.04	1,140.90	1,085.98	54.92	20.773	
5,800.00	4,765.42	5,505.00	5,012.61	68.77	44.20	-166.91	417.85	1,900.43	1,183.38	1,128.43	54.96	21.532	
5,900.00	4,841.75	5,578.37	5,083.69	70.24	44.57	-167.09	423.49	1,917.74	1,227.89	1,172.38	55.51	22.122	
6,000.00	4,918.07	5,631.00	5,135.07	71.70	44.83	-167.21	427.78	1,928.26	1,275.41	1,219.71	55.70	22.897	
6,100.00	4,994.39	5,690.64	5,193.60	73.17	45.07	-167.36	432.43	1,938.72	1,325.10	1,269.11	55.99	23.668	
6,200.00	5,070.72	5,758.00	5,259.99	74.64	45.35	-167.57	436.87	1,949.19	1,376.44	1,320.05	56.39	24.411	
6,300.00	5,147.04	5,803.24	5,304.76	76.11	45.49	-167.73	439.28	1,955.23	1,429.50	1,373.14	56.36	25.362	
6,400.00	5,223.36	5,852.51	5,353.69	77.58	45.65	-167.93	441.24	1,960.66	1,484.60	1,428.20	56.39	26.326	
6,500.00	5,299.68	5,885.00	5,386.03	79.05	45.75	-168.08	442.16	1,963.59	1,541.75	1,485.63	56.12	27.473	
6,600.00	5,376.01	5,958.53	5,459.36	80.52	45.93	-168.45	443.41	1,968.81	1,600.08	1,543.55	56.53	28.306	
6,700.00	5,452.33	6,012.00	5,512.76	81.99	46.05	-168.73	443.70	1,971.57	1,659.88	1,603.28	56.60	29.326	
6,800.00	5,528.65	6,064.24	5,564.97	83.46	46.14	-169.01	443.49	1,973.42	1,721.00	1,664.35	56.64	30.384	
6,900.00	5,604.98	6,114.58	5,615.29	84.93	46.23	-169.29	442.81	1,974.37	1,783.39	1,726.73	56.66	31.475	
7,000.00	5,681.30	6,173.52	5,674.22	86.40	46.32	-169.63	441.48	1,974.62	1,846.92	1,790.09	56.82	32.503	
7,100.00	5,757.62	6,241.45	5,742.12	87.87	46.41	-170.02	439.51	1,974.53	1,910.94	1,853.81	57.13	33.446	
7,176.71	5,816.17	6,306.13	5,806.76	89.00	46.50	-170.38	437.30	1,974.39	1,960.13	1,902.56	57.58	34.045	
7,200.00	5,833.92	6,325.54	5,826.14	89.34	46.53	-165.87	436.19	1,974.37	1,975.00	1,917.31	57.69	34.233	
7,250.00	5,871.73	6,359.46	5,858.89	90.07	46.57	-156.53	432.80	1,974.30	2,006.61	1,948.85	57.76	34.738	
7,300.00	5,908.91	6,376.24	5,876.46	90.78	46.59	-147.53	430.22	1,974.17	2,037.88	1,980.34	57.54	35.417	
7,350.00	5,945.18	6,396.00	5,895.85	91.48	46.60	-139.23	426.44	1,973.75	2,068.85	2,011.53	57.31	36.098	
7,400.00	5,980.26	6,396.00	5,895.85	92.14	46.60	-131.16	426.44	1,973.75	2,099.28	2,042.46	56.82	36.949	
7,450.00	6,013.88	6,411.22	5,910.68	92.77	46.61	-124.17	423.08	1,973.23	2,129.06	2,072.57	56.49	37.690	
7,500.00	6,045.79	6,428.00	5,926.95	93.36	46.63	-117.95	419.01	1,972.46	2,158.09	2,101.90	56.18	38.413	
7,550.00	6,075.75	6,428.00	5,926.95	93.90	46.63	-111.97	419.01	1,972.46	2,186.08	2,130.41	55.67	39.268	
7,600.00	6,103.52	6,441.09	5,939.57	94.40	46.63	-107.03	415.59	1,971.79	2,213.00	2,157.65	55.35	39.979	
7,650.00	6,128.89	6,451.77	5,949.82	94.85	46.64	-102.64	412.65	1,971.24	2,238.66	2,183.61	55.05	40.667	
7,700.00	6,151.68	6,459.00	5,956.74	95.25	46.64	-98.73	410.59	1,970.86	2,262.96	2,208.21	54.75	41.331	
7,750.00	6,171.71	6,459.00	5,956.74	95.60	46.64	-95.16	410.59	1,970.86	2,285.80	2,231.38	54.42	42.005	
7,800.00	6,188.82	6,459.00	5,956.74	95.91	46.64	-92.10	410.59	1,970.86	2,307.07	2,252.91	54.16	42.596	
7,850.00	6,202.89	6,459.00	5,956.74	96.16	46.64	-89.52	410.59	1,970.86	2,326.65	2,272.65	54.00	43.086	
7,900.00	6,213.81	6,459.00	5,956.74	96.38	46.64	-87.39	410.59	1,970.86	2,344.44	2,290.49	53.95	43.456	
7,950.00	6,221.49	6,459.00	5,956.74	96.55	46.64	-85.68	410.59	1,970.86	2,360.34	2,306.32	54.02	43.691	
8,000.00	6,225.88	6,450.96	5,949.04	96.69	46.64	-84.18	412.88	1,971.28	2,374.25	2,320.17	54.08	43.902	
8,040.96	6,227.00	6,444.79	5,943.11	96.77	46.63	-83.26	414.59	1,971.60	2,384.10	2,329.87	54.24	43.958	
8,100.00	6,227.00	6,435.62	5,934.30	96.88	46.63	-83.04	417.04	1,972.07	2,397.93	2,343.34	54.59	43.930	
8,200.00	6,227.00	6,428.00	5,926.95	97.07	46.63	-82.86	419.01	1,972.46	2,424.33	2,368.73	55.61	43.596	
8,300.00	6,227.00	6,428.00	5,926.95	97.28	46.63	-82.86	419.01	1,972.46	2,454.51	2,397.42	57.09	42.991	
8,400.00	6,227.00	6,412.05	5,911.49	97.49	46.62	-82.48	422.88	1,973.20	2,488.15	2,429.66	58.49	42.543	
8,500.00	6,227.00	6,396.00	5,895.85	97.72	46.60	-82.10	426.44	1,973.75	2,525.40	2,465.33	60.07	42.043	
8,600.00	6,227.00	6,396.00	5,895.85	97.97	46.60	-82.10	426.44	1,973.75	2,565.81	2,503.69	62.12	41.303	
8,700.00	6,227.00	6,396.00	5,895.85	98.23	46.60	-82.10	426.44	1,973.75	2,609.44	2,545.17	64.27	40.603	
8,800.00	6,227.00	6,396.00	5,895.85	98.50	46.60	-82.10	426.44	1,973.75	2,656.11	2,589.65	66.46	39.965	
8,900.00	6,227.00	6,396.00	5,895.85	98.79	46.60	-82.10	426.44	1,973.75	2,705.67	2,637.00	68.67	39.402	
9,000.00	6,227.00	6,396.00	5,895.85	99.09	46.60	-82.10	426.44	1,973.75	2,757.97	2,687.11	70.87	38.918	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE K-O-36HC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 92-MWD OWSG, 7544-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	
9,100.00	6,227.00	6,381.94	5,882.07	99.41	46.59	-81.76	429.21	1,974.07	2,812.65	2,739.87	72.78	38.647	
9,200.00	6,227.00	6,379.01	5,879.19	99.75	46.59	-81.69	429.74	1,974.12	2,869.87	2,795.02	74.85	38.341	
9,300.00	6,227.00	6,364.00	5,864.38	100.10	46.57	-81.33	432.16	1,974.28	2,929.53	2,852.86	76.67	38.209	
9,400.00	6,227.00	6,364.00	5,864.38	100.47	46.57	-81.33	432.16	1,974.28	2,991.11	2,912.44	78.68	38.017	
9,500.00	6,227.00	6,364.00	5,864.38	100.86	46.57	-81.33	432.16	1,974.28	3,054.73	2,974.12	80.61	37.895	
9,600.00	6,227.00	6,364.00	5,864.38	101.26	46.57	-81.33	432.16	1,974.28	3,120.25	3,037.79	82.47	37.836	
9,700.00	6,227.00	6,364.00	5,864.38	101.68	46.57	-81.33	432.16	1,974.28	3,187.57	3,103.32	84.24	37.837	
9,800.00	6,227.00	6,364.00	5,864.38	102.13	46.57	-81.33	432.16	1,974.28	3,256.56	3,170.62	85.94	37.892	
9,900.00	6,227.00	6,364.00	5,864.38	102.59	46.57	-81.33	432.16	1,974.28	3,327.13	3,239.57	87.56	37.997	
10,000.00	6,227.00	6,364.00	5,864.38	103.07	46.57	-81.33	432.16	1,974.28	3,399.18	3,310.07	89.11	38.147	
10,100.00	6,227.00	6,364.00	5,864.38	103.58	46.57	-81.33	432.16	1,974.28	3,472.61	3,382.04	90.58	38.339	
10,200.00	6,227.00	6,364.00	5,864.38	104.10	46.57	-81.33	432.16	1,974.28	3,547.34	3,455.37	91.97	38.569	
10,300.00	6,227.00	6,364.00	5,864.38	104.65	46.57	-81.33	432.16	1,974.28	3,623.29	3,529.99	93.30	38.834	
10,400.00	6,227.00	6,364.00	5,864.38	105.22	46.57	-81.33	432.16	1,974.28	3,700.39	3,605.82	94.56	39.131	
10,500.00	6,227.00	6,364.00	5,864.38	105.82	46.57	-81.33	432.16	1,974.28	3,778.56	3,682.79	95.76	39.457	
10,600.00	6,227.00	6,350.27	5,850.77	106.43	46.56	-81.00	433.96	1,974.33	3,857.53	3,760.77	96.76	39.866	
10,700.00	6,227.00	6,348.87	5,849.38	107.07	46.56	-80.96	434.12	1,974.34	3,937.61	3,839.78	97.84	40.247	
10,800.00	6,227.00	6,347.54	5,848.06	107.74	46.55	-80.93	434.27	1,974.34	4,018.58	3,919.73	98.86	40.651	
10,900.00	6,227.00	6,333.00	5,833.58	108.42	46.54	-80.58	435.64	1,974.37	4,100.58	4,000.87	99.71	41.126	
11,000.00	6,227.00	6,333.00	5,833.58	109.14	46.54	-80.58	435.64	1,974.37	4,183.14	4,082.49	100.64	41.563	
11,100.00	6,227.00	6,333.00	5,833.58	109.87	46.54	-80.58	435.64	1,974.37	4,266.45	4,164.91	101.54	42.019	
11,200.00	6,227.00	6,333.00	5,833.58	110.64	46.54	-80.58	435.64	1,974.37	4,350.46	4,248.07	102.39	42.491	
11,300.00	6,227.00	6,333.00	5,833.58	111.43	46.54	-80.58	435.64	1,974.37	4,435.13	4,331.94	103.19	42.979	
11,400.00	6,227.00	6,333.00	5,833.58	112.24	46.54	-80.58	435.64	1,974.37	4,520.43	4,416.47	103.96	43.481	
11,500.00	6,227.00	6,333.00	5,833.58	113.08	46.54	-80.58	435.64	1,974.37	4,606.32	4,501.63	104.70	43.997	
11,600.00	6,227.00	6,333.00	5,833.58	113.94	46.54	-80.58	435.64	1,974.37	4,692.77	4,587.38	105.40	44.525	
11,700.00	6,227.00	6,333.00	5,833.58	114.83	46.54	-80.58	435.64	1,974.37	4,779.75	4,673.69	106.06	45.065	
11,800.00	6,227.00	6,333.00	5,833.58	115.74	46.54	-80.58	435.64	1,974.37	4,867.23	4,760.53	106.70	45.615	
11,900.00	6,227.00	6,333.00	5,833.58	116.68	46.54	-80.58	435.64	1,974.37	4,955.19	4,847.88	107.31	46.176	
12,000.00	6,227.00	6,333.00	5,833.58	117.64	46.54	-80.58	435.64	1,974.37	5,043.59	4,935.70	107.89	46.747	
12,100.00	6,227.00	6,333.00	5,833.58	118.63	46.54	-80.58	435.64	1,974.37	5,132.42	5,023.97	108.45	47.326	
12,200.00	6,227.00	6,333.00	5,833.58	119.64	46.54	-80.58	435.64	1,974.37	5,221.65	5,112.67	108.98	47.913	
12,300.00	6,227.00	6,333.00	5,833.58	120.68	46.54	-80.58	435.64	1,974.37	5,311.26	5,201.77	109.49	48.508	
12,400.00	6,227.00	6,333.00	5,833.58	121.74	46.54	-80.58	435.64	1,974.37	5,401.25	5,291.27	109.98	49.111	
12,500.00	6,227.00	6,333.00	5,833.58	122.82	46.54	-80.58	435.64	1,974.37	5,491.57	5,381.12	110.45	49.721	
12,600.00	6,227.00	6,333.00	5,833.58	123.92	46.54	-80.58	435.64	1,974.37	5,582.23	5,471.33	110.90	50.336	
12,700.00	6,227.00	6,333.00	5,833.58	125.04	46.54	-80.58	435.64	1,974.37	5,673.20	5,561.87	111.33	50.958	
12,800.00	6,227.00	6,333.00	5,833.58	126.19	46.54	-80.58	435.64	1,974.37	5,764.47	5,652.72	111.74	51.586	
12,900.00	6,227.00	6,333.00	5,833.58	127.35	46.54	-80.58	435.64	1,974.37	5,856.02	5,743.88	112.14	52.219	
13,000.00	6,227.00	6,333.00	5,833.58	128.54	46.54	-80.58	435.64	1,974.37	5,947.85	5,835.32	112.53	52.857	
13,100.00	6,227.00	6,333.00	5,833.58	129.74	46.54	-80.58	435.64	1,974.37	6,039.94	5,927.04	112.90	53.500	
13,200.00	6,227.00	6,333.00	5,833.58	130.97	46.54	-80.58	435.64	1,974.37	6,132.27	6,019.02	113.25	54.147	
13,300.00	6,227.00	6,333.00	5,833.58	132.21	46.54	-80.58	435.64	1,974.37	6,224.84	6,111.25	113.59	54.799	
13,400.00	6,227.00	6,333.00	5,833.58	133.47	46.54	-80.58	435.64	1,974.37	6,317.64	6,203.72	113.92	55.455	
13,500.00	6,227.00	6,333.00	5,833.58	134.74	46.54	-80.58	435.64	1,974.37	6,410.66	6,296.41	114.24	56.114	
13,600.00	6,227.00	6,333.00	5,833.58	136.03	46.54	-80.58	435.64	1,974.37	6,503.88	6,389.33	114.55	56.777	
13,700.00	6,227.00	6,333.00	5,833.58	137.34	46.54	-80.58	435.64	1,974.37	6,597.30	6,482.45	114.85	57.444	
13,800.00	6,227.00	6,333.00	5,833.58	138.67	46.54	-80.58	435.64	1,974.37	6,690.91	6,575.77	115.14	58.113	
13,900.00	6,227.00	6,333.00	5,833.58	140.00	46.54	-80.58	435.64	1,974.37	6,784.70	6,669.29	115.41	58.786	
14,000.00	6,227.00	6,333.00	5,833.58	141.36	46.54	-80.58	435.64	1,974.37	6,878.67	6,762.99	115.68	59.462	
14,100.00	6,227.00	6,318.37	5,818.98	142.72	46.52	-80.23	436.65	1,974.38	6,972.66	6,856.78	115.88	60.172	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE K-O-36HC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 92-MWD OWSG, 7544-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	
14,200.00	6,227.00	6,317.73	5,818.34	144.10	46.52	-80.21	436.69	1,974.38	7,066.95	6,950.82	116.13	60.855	
14,300.00	6,227.00	6,317.10	5,817.72	145.49	46.51	-80.20	436.73	1,974.38	7,161.39	7,045.01	116.37	61.539	
14,400.00	6,227.00	6,316.49	5,817.11	146.90	46.51	-80.18	436.77	1,974.38	7,255.97	7,139.37	116.61	62.226	
14,500.00	6,227.00	6,315.90	5,816.52	148.31	46.51	-80.17	436.80	1,974.38	7,350.70	7,233.87	116.83	62.915	
14,600.00	6,227.00	6,301.00	5,801.64	149.74	46.49	-79.81	437.51	1,974.39	7,445.70	7,328.71	117.00	63.639	
14,700.00	6,227.00	6,301.00	5,801.64	151.18	46.49	-79.81	437.51	1,974.39	7,540.69	7,423.48	117.22	64.331	
14,800.00	6,227.00	6,301.00	5,801.64	152.62	46.49	-79.81	437.51	1,974.39	7,635.81	7,518.38	117.43	65.025	
14,900.00	6,227.00	6,301.00	5,801.64	154.08	46.49	-79.81	437.51	1,974.39	7,731.05	7,613.41	117.64	65.720	
15,000.00	6,227.00	6,301.00	5,801.64	155.55	46.49	-79.81	437.51	1,974.39	7,826.41	7,708.57	117.84	66.417	
15,100.00	6,227.00	6,301.00	5,801.64	157.03	46.49	-79.81	437.51	1,974.39	7,921.88	7,803.85	118.03	67.116	
15,200.00	6,227.00	6,301.00	5,801.64	158.51	46.49	-79.81	437.51	1,974.39	8,017.47	7,899.24	118.22	67.816	
15,300.00	6,227.00	6,301.00	5,801.64	160.01	46.49	-79.81	437.51	1,974.39	8,113.16	7,994.75	118.41	68.518	
15,400.00	6,227.00	6,301.00	5,801.64	161.51	46.49	-79.81	437.51	1,974.39	8,208.95	8,090.36	118.59	69.222	
15,500.00	6,227.00	6,301.00	5,801.64	163.02	46.49	-79.81	437.51	1,974.39	8,304.84	8,186.08	118.77	69.926	
15,600.00	6,227.00	6,301.00	5,801.64	164.54	46.49	-79.81	437.51	1,974.39	8,400.83	8,281.89	118.94	70.632	
15,700.00	6,227.00	6,301.00	5,801.64	166.06	46.49	-79.81	437.51	1,974.39	8,496.91	8,377.80	119.11	71.339	
15,800.00	6,227.00	6,301.00	5,801.64	167.59	46.49	-79.81	437.51	1,974.39	8,593.08	8,473.81	119.27	72.047	
15,900.00	6,227.00	6,301.00	5,801.64	169.13	46.49	-79.81	437.51	1,974.39	8,689.34	8,569.91	119.43	72.756	
16,000.00	6,227.00	6,301.00	5,801.64	170.68	46.49	-79.81	437.51	1,974.39	8,785.68	8,666.09	119.59	73.467	
16,100.00	6,227.00	6,301.00	5,801.64	172.23	46.49	-79.81	437.51	1,974.39	8,882.10	8,762.36	119.74	74.178	
16,200.00	6,227.00	6,301.00	5,801.64	173.78	46.49	-79.81	437.51	1,974.39	8,978.60	8,858.71	119.89	74.890	
16,300.00	6,227.00	6,301.00	5,801.64	175.35	46.49	-79.81	437.51	1,974.39	9,075.17	8,955.13	120.04	75.603	
16,400.00	6,227.00	6,301.00	5,801.64	176.92	46.49	-79.81	437.51	1,974.39	9,171.82	9,051.64	120.18	76.317	
16,500.00	6,227.00	6,301.00	5,801.64	178.49	46.49	-79.81	437.51	1,974.39	9,268.54	9,148.22	120.32	77.032	
16,600.00	6,227.00	6,301.00	5,801.64	180.07	46.49	-79.81	437.51	1,974.39	9,365.33	9,244.87	120.46	77.747	
16,700.00	6,227.00	6,301.00	5,801.64	181.65	46.49	-79.81	437.51	1,974.39	9,462.18	9,341.59	120.59	78.463	
16,800.00	6,227.00	6,301.00	5,801.64	183.24	46.49	-79.81	437.51	1,974.39	9,559.10	9,438.37	120.73	79.180	
16,900.00	6,227.00	6,301.00	5,801.64	184.84	46.49	-79.81	437.51	1,974.39	9,656.08	9,535.23	120.86	79.897	
17,000.00	6,227.00	6,301.00	5,801.64	186.43	46.49	-79.81	437.51	1,974.39	9,753.13	9,632.14	120.98	80.615	
17,100.00	6,227.00	6,301.00	5,801.64	188.04	46.49	-79.81	437.51	1,974.39	9,850.23	9,729.12	121.11	81.333	
17,200.00	6,227.00	6,301.00	5,801.64	189.64	46.49	-79.81	437.51	1,974.39	9,947.39	9,826.16	121.23	82.052	
17,300.00	6,227.00	6,301.00	5,801.64	191.25	46.49	-79.81	437.51	1,974.39	10,044.61	9,923.25	121.35	82.771	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T34-P31-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 602-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	4.28	4.28	0.00	0.01	141.47	-4,275.29	3,404.92	5,465.49				
100.00	100.00	111.16	111.16	0.27	0.19	141.47	-4,275.21	3,404.92	5,465.43	5,464.96	0.46	N/A	
200.00	199.98	218.02	218.02	0.62	0.38	56.84	-4,274.95	3,404.90	5,464.28	5,463.27	1.00	5,449.772	
300.00	299.84	324.75	324.75	0.99	0.57	56.94	-4,274.53	3,404.88	5,461.09	5,459.55	1.55	3,525.921	
400.00	399.45	431.22	431.22	1.36	0.75	57.10	-4,273.95	3,404.85	5,455.89	5,453.78	2.11	2,590.748	
500.00	498.70	537.30	537.30	1.75	0.94	57.33	-4,273.20	3,404.81	5,448.68	5,446.01	2.68	2,035.459	
600.00	597.47	637.40	637.39	2.18	1.18	57.62	-4,272.37	3,404.77	5,439.52	5,436.20	3.32	1,637.593	
700.00	695.62	738.26	738.25	2.63	1.54	57.98	-4,271.64	3,404.68	5,428.58	5,424.47	4.11	1,320.155	
800.00	793.06	827.90	827.88	3.12	1.86	58.38	-4,271.03	3,404.36	5,415.74	5,410.85	4.89	1,107.480	
900.00	889.64	900.10	900.08	3.66	2.11	58.79	-4,270.88	3,404.18	5,401.58	5,395.95	5.64	958.157	
1,000.00	985.27	983.50	983.47	4.25	2.40	59.30	-4,271.84	3,402.94	5,386.05	5,379.59	6.46	834.198	
1,100.00	1,079.82	1,073.79	1,073.70	4.89	2.71	59.91	-4,274.02	3,400.30	5,369.06	5,361.72	7.34	731.409	
1,200.00	1,173.17	1,239.61	1,238.91	5.58	3.29	60.95	-4,281.86	3,389.02	5,350.28	5,341.72	8.55	625.556	
1,300.00	1,265.21	1,319.39	1,317.93	6.34	3.59	61.74	-4,287.61	3,379.71	5,329.21	5,319.68	9.53	558.977	
1,400.00	1,355.84	1,338.00	1,336.29	7.16	3.66	62.24	-4,289.25	3,377.18	5,307.46	5,297.12	10.35	513.037	
1,500.00	1,444.94	1,392.88	1,390.37	8.05	3.88	62.98	-4,294.74	3,369.61	5,285.15	5,273.78	11.37	464.962	
1,600.00	1,532.39	1,428.00	1,424.93	9.02	4.02	63.62	-4,298.77	3,364.85	5,262.76	5,250.38	12.38	425.171	
1,700.00	1,618.11	1,494.99	1,490.86	10.05	4.30	64.50	-4,306.72	3,356.02	5,239.95	5,226.35	13.60	385.413	
1,800.00	1,701.97	1,632.66	1,626.52	11.16	4.87	65.93	-4,321.82	3,338.09	5,215.87	5,200.68	15.19	343.289	
1,900.00	1,783.88	10,859.18	6,368.24	12.35	80.20	156.06	-67.81	2,943.70	5,171.92	5,117.17	54.75	94.461	
2,000.00	1,863.74	10,866.00	6,368.38	13.61	80.32	160.49	-60.99	2,943.77	5,073.55	5,018.81	54.75	92.671	
2,100.00	1,941.45	10,873.16	6,368.53	14.95	80.44	163.63	-53.83	2,943.84	4,975.91	4,921.19	54.72	90.940	
2,112.50	1,951.01	10,874.19	6,368.55	15.12	80.46	163.97	-52.80	2,943.85	4,963.76	4,909.05	54.71	90.734	
2,200.00	2,017.79	10,881.43	6,368.70	16.35	80.58	164.30	-45.57	2,943.93	4,878.82	4,824.13	54.68	89.220	
2,300.00	2,094.11	10,889.70	6,368.88	17.76	80.72	164.68	-37.30	2,944.01	4,781.84	4,727.18	54.66	87.482	
2,400.00	2,170.44	10,897.97	6,369.05	19.17	80.86	165.06	-29.03	2,944.10	4,684.97	4,630.33	54.64	85.740	
2,500.00	2,246.76	10,906.24	6,369.22	20.60	81.00	165.44	-20.76	2,944.19	4,588.22	4,533.60	54.62	83.995	
2,600.00	2,323.08	10,914.52	6,369.40	22.03	81.14	165.82	-12.49	2,944.27	4,491.60	4,436.99	54.61	82.247	
2,700.00	2,399.41	10,915.00	6,369.41	23.47	81.15	165.85	-12.00	2,944.28	4,395.13	4,340.60	54.53	80.607	
2,800.00	2,475.73	10,915.00	6,369.41	24.91	81.15	165.85	-12.00	2,944.28	4,298.81	4,244.37	54.44	78.963	
2,900.00	2,552.05	10,915.00	6,369.41	26.36	81.15	165.85	-12.00	2,944.28	4,202.67	4,148.30	54.36	77.310	
3,000.00	2,628.38	10,915.00	6,369.41	27.80	81.15	165.85	-12.00	2,944.28	4,106.71	4,052.42	54.29	75.648	
3,100.00	2,704.70	10,915.00	6,369.41	29.25	81.15	165.85	-12.00	2,944.28	4,010.94	3,956.72	54.22	73.978	
3,200.00	2,781.02	10,915.00	6,369.41	30.71	81.15	165.85	-12.00	2,944.28	3,915.39	3,861.24	54.15	72.302	
3,300.00	2,857.35	10,915.00	6,369.41	32.16	81.15	165.85	-12.00	2,944.28	3,820.07	3,765.97	54.09	70.620	
3,400.00	2,933.67	10,915.00	6,369.41	33.62	81.15	165.85	-12.00	2,944.28	3,724.99	3,670.95	54.04	68.932	
3,500.00	3,009.99	10,915.00	6,369.41	35.07	81.15	165.85	-12.00	2,944.28	3,630.18	3,576.19	53.99	67.241	
3,600.00	3,086.31	10,915.00	6,369.41	36.53	81.15	165.85	-12.00	2,944.28	3,535.65	3,481.71	53.94	65.546	
3,700.00	3,162.64	10,915.00	6,369.41	37.99	81.15	165.85	-12.00	2,944.28	3,441.43	3,387.53	53.90	63.848	
3,800.00	3,238.96	10,915.00	6,369.41	39.45	81.15	165.85	-12.00	2,944.28	3,347.55	3,293.68	53.86	62.147	
3,900.00	3,315.28	10,915.00	6,369.41	40.91	81.15	165.85	-12.00	2,944.28	3,254.03	3,200.19	53.83	60.445	
4,000.00	3,391.61	10,915.00	6,369.41	42.37	81.15	165.85	-12.00	2,944.28	3,160.91	3,107.10	53.81	58.740	
4,100.00	3,467.93	10,915.00	6,369.41	43.84	81.15	165.85	-12.00	2,944.28	3,068.22	3,014.42	53.80	57.035	
4,200.00	3,544.25	10,915.00	6,369.41	45.30	81.15	165.85	-12.00	2,944.28	2,976.00	2,922.21	53.79	55.327	
4,300.00	3,620.58	10,915.00	6,369.41	46.76	81.15	165.85	-12.00	2,944.28	2,884.31	2,830.51	53.79	53.618	
4,400.00	3,696.90	10,915.00	6,369.41	48.23	81.15	165.85	-12.00	2,944.28	2,793.18	2,739.37	53.81	51.908	
4,500.00	3,773.22	10,915.00	6,369.41	49.69	81.15	165.85	-12.00	2,944.28	2,702.68	2,648.84	53.84	50.195	
4,600.00	3,849.55	10,915.00	6,369.41	51.16	81.15	165.85	-12.00	2,944.28	2,612.88	2,558.98	53.90	48.479	
4,700.00	3,925.87	10,915.00	6,369.41	52.62	81.15	165.85	-12.00	2,944.28	2,523.84	2,469.86	53.97	46.760	
4,800.00	4,002.19	10,915.00	6,369.41	54.09	81.15	165.85	-12.00	2,944.28	2,435.65	2,381.57	54.08	45.037	
4,900.00	4,078.51	10,915.00	6,369.41	55.56	81.15	165.85	-12.00	2,944.28	2,348.41	2,294.18	54.23	43.306	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T34-P31-36HNC - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 602-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		
5,000.00	4,154.84	10,915.00	6,369.41	57.02	81.15	165.85	-12.00	2,944.28	2,262.22	2,207.80	54.42	41.568		
5,100.00	4,231.16	10,915.00	6,369.41	58.49	81.15	165.85	-12.00	2,944.28	2,177.22	2,122.54	54.68	39.819		
5,200.00	4,307.48	10,915.00	6,369.41	59.96	81.15	165.85	-12.00	2,944.28	2,093.54	2,038.53	55.01	38.057		
5,300.00	4,383.81	10,915.00	6,369.41	61.43	81.15	165.85	-12.00	2,944.28	2,011.35	1,955.91	55.44	36.279		
5,400.00	4,460.13	10,915.00	6,369.41	62.89	81.15	165.85	-12.00	2,944.28	1,930.84	1,874.85	56.00	34.482		
5,500.00	4,536.45	10,915.00	6,369.41	64.36	81.15	165.85	-12.00	2,944.28	1,852.24	1,795.53	56.71	32.664		
5,600.00	4,612.78	10,915.00	6,369.41	65.83	81.15	165.85	-12.00	2,944.28	1,775.79	1,718.17	57.61	30.822		
5,700.00	4,689.10	10,915.00	6,369.41	67.30	81.15	165.85	-12.00	2,944.28	1,701.78	1,643.01	58.76	28.959		
5,800.00	4,765.42	10,915.00	6,369.41	68.77	81.15	165.85	-12.00	2,944.28	1,630.55	1,570.33	60.21	27.079		
5,900.00	4,841.75	10,915.00	6,369.41	70.24	81.15	165.85	-12.00	2,944.28	1,562.47	1,500.45	62.02	25.193		
6,000.00	4,918.07	10,915.00	6,369.41	71.70	81.15	165.85	-12.00	2,944.28	1,497.98	1,433.74	64.24	23.318		
6,100.00	4,994.39	10,915.00	6,369.41	73.17	81.15	165.85	-12.00	2,944.28	1,437.56	1,370.63	66.93	21.480		
6,200.00	5,070.72	10,915.00	6,369.41	74.64	81.15	165.85	-12.00	2,944.28	1,381.74	1,311.63	70.11	19.709		
6,300.00	5,147.04	10,915.00	6,369.41	76.11	81.15	165.85	-12.00	2,944.28	1,331.10	1,257.31	73.79	18.039		
6,400.00	5,223.36	10,915.00	6,369.41	77.58	81.15	165.85	-12.00	2,944.28	1,286.26	1,208.32	77.93	16.504		
6,500.00	5,299.68	10,915.00	6,369.41	79.05	81.15	165.85	-12.00	2,944.28	1,247.84	1,165.37	82.46	15.132		
6,600.00	5,376.01	10,915.00	6,369.41	80.52	81.15	165.85	-12.00	2,944.28	1,216.44	1,129.18	87.26	13.941		
6,700.00	5,452.33	10,915.00	6,369.41	81.99	81.15	165.85	-12.00	2,944.28	1,192.63	1,100.47	92.15	12.942		
6,800.00	5,528.65	10,915.00	6,369.41	83.46	81.15	165.85	-12.00	2,944.28	1,176.85	1,079.88	96.97	12.136		
6,900.00	5,604.98	10,915.00	6,369.41	84.93	81.15	165.85	-12.00	2,944.28	1,169.45	1,067.91	101.54	11.518		
6,936.80	5,633.06	10,915.00	6,369.41	85.47	81.15	165.85	-12.00	2,944.28	1,168.87	1,065.75	103.12	11.335 CC		
7,000.00	5,681.30	10,915.00	6,369.41	86.40	81.15	165.85	-12.00	2,944.28	1,170.58	1,064.89	105.68	11.077 ES		
7,100.00	5,757.62	10,915.00	6,369.41	87.87	81.15	165.85	-12.00	2,944.28	1,180.20	1,070.92	109.28	10.800		
7,176.71	5,816.17	10,915.00	6,369.41	89.00	81.15	165.85	-12.00	2,944.28	1,193.23	1,081.61	111.62	10.691		
7,200.00	5,833.92	10,915.00	6,369.41	89.34	81.15	169.06	-12.00	2,944.28	1,198.27	1,086.02	112.25	10.675		
7,250.00	5,871.73	10,915.00	6,369.41	90.07	81.15	176.07	-12.00	2,944.28	1,211.47	1,097.96	113.51	10.672 SF		
7,300.00	5,908.91	10,915.00	6,369.41	90.78	81.15	-176.92	-12.00	2,944.28	1,227.75	1,113.12	114.63	10.711		
7,350.00	5,945.18	10,915.00	6,369.41	91.48	81.15	-169.97	-12.00	2,944.28	1,246.85	1,131.26	115.60	10.786		
7,400.00	5,980.26	10,915.00	6,369.41	92.14	81.15	-163.16	-12.00	2,944.28	1,268.51	1,152.09	116.43	10.895		
7,450.00	6,013.88	10,915.00	6,369.41	92.77	81.15	-156.51	-12.00	2,944.28	1,292.45	1,175.31	117.14	11.034		
7,500.00	6,045.79	10,915.00	6,369.41	93.36	81.15	-150.03	-12.00	2,944.28	1,318.35	1,200.61	117.74	11.197		
7,550.00	6,075.75	10,915.00	6,369.41	93.90	81.15	-143.72	-12.00	2,944.28	1,345.92	1,227.67	118.25	11.382		
7,600.00	6,103.52	10,915.00	6,369.41	94.40	81.15	-137.58	-12.00	2,944.28	1,374.85	1,256.15	118.69	11.583		
7,650.00	6,128.89	10,915.00	6,369.41	94.85	81.15	-131.63	-12.00	2,944.28	1,404.84	1,285.76	119.08	11.798		
7,700.00	6,151.68	10,915.00	6,369.41	95.25	81.15	-125.91	-12.00	2,944.28	1,435.61	1,316.18	119.43	12.021		
7,750.00	6,171.71	10,915.00	6,369.41	95.60	81.15	-120.45	-12.00	2,944.28	1,466.88	1,347.13	119.75	12.250		
7,800.00	6,188.82	10,915.00	6,369.41	95.91	81.15	-115.29	-12.00	2,944.28	1,498.39	1,378.34	120.05	12.482		
7,850.00	6,202.89	10,915.00	6,369.41	96.16	81.15	-110.47	-12.00	2,944.28	1,529.89	1,409.55	120.34	12.713		
7,900.00	6,213.81	10,915.00	6,369.41	96.38	81.15	-106.05	-12.00	2,944.28	1,561.15	1,440.53	120.62	12.942		
7,950.00	6,221.49	10,915.00	6,369.41	96.55	81.15	-102.05	-12.00	2,944.28	1,591.96	1,471.05	120.91	13.167		
8,000.00	6,225.88	10,915.00	6,369.41	96.69	81.15	-98.49	-12.00	2,944.28	1,622.10	1,500.92	121.18	13.385		
8,040.96	6,227.00	10,915.00	6,369.41	96.77	81.15	-95.92	-12.00	2,944.28	1,646.17	1,524.77	121.41	13.559		
8,100.00	6,227.00	10,915.00	6,369.41	96.88	81.15	-95.92	-12.00	2,944.28	1,681.11	1,559.40	121.71	13.813		
8,200.00	6,227.00	10,915.00	6,369.41	97.07	81.15	-95.92	-12.00	2,944.28	1,743.24	1,621.15	122.10	14.278		
8,300.00	6,227.00	10,915.00	6,369.41	97.28	81.15	-95.92	-12.00	2,944.28	1,808.77	1,686.42	122.35	14.784		
8,400.00	6,227.00	10,915.00	6,369.41	97.49	81.15	-95.92	-12.00	2,944.28	1,877.34	1,754.87	122.48	15.328		
8,500.00	6,227.00	10,915.00	6,369.41	97.72	81.15	-95.92	-12.00	2,944.28	1,948.64	1,826.13	122.51	15.906		
8,600.00	6,227.00	10,915.00	6,369.41	97.97	81.15	-95.92	-12.00	2,944.28	2,022.36	1,899.91	122.45	16.515		
8,700.00	6,227.00	10,915.00	6,369.41	98.23	81.15	-95.92	-12.00	2,944.28	2,098.26	1,975.93	122.33	17.152		
8,800.00	6,227.00	10,915.00	6,369.41	98.50	81.15	-95.92	-12.00	2,944.28	2,176.11	2,053.96	122.16	17.814		
8,900.00	6,227.00	10,915.00	6,369.41	98.79	81.15	-95.92	-12.00	2,944.28	2,255.71	2,133.77	121.94	18.499		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T34-P31-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 602-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	
9,000.00	6,227.00	10,915.00	6,369.41	99.09	81.15	-95.92	-12.00	2,944.28	2,336.88	2,215.19	121.69	19.204	
9,100.00	6,227.00	10,915.00	6,369.41	99.41	81.15	-95.92	-12.00	2,944.28	2,419.46	2,298.04	121.42	19.927	
9,200.00	6,227.00	10,915.00	6,369.41	99.75	81.15	-95.92	-12.00	2,944.28	2,503.30	2,382.18	121.13	20.667	
9,300.00	6,227.00	10,915.00	6,369.41	100.10	81.15	-95.92	-12.00	2,944.28	2,588.30	2,467.47	120.83	21.421	
9,400.00	6,227.00	10,915.00	6,369.41	100.47	81.15	-95.92	-12.00	2,944.28	2,674.33	2,553.81	120.52	22.190	
9,500.00	6,227.00	10,915.00	6,369.41	100.86	81.15	-95.92	-12.00	2,944.28	2,761.31	2,641.10	120.21	22.970	
9,600.00	6,227.00	10,915.00	6,369.41	101.26	81.15	-95.92	-12.00	2,944.28	2,849.14	2,729.23	119.91	23.761	
9,700.00	6,227.00	10,915.00	6,369.41	101.68	81.15	-95.92	-12.00	2,944.28	2,937.75	2,818.15	119.60	24.563	
9,800.00	6,227.00	10,915.00	6,369.41	102.13	81.15	-95.92	-12.00	2,944.28	3,027.07	2,907.76	119.30	25.373	
9,900.00	6,227.00	10,915.00	6,369.41	102.59	81.15	-95.92	-12.00	2,944.28	3,117.03	2,998.02	119.01	26.192	
10,000.00	6,227.00	10,915.00	6,369.41	103.07	81.15	-95.92	-12.00	2,944.28	3,207.59	3,088.87	118.72	27.018	
10,100.00	6,227.00	10,915.00	6,369.41	103.58	81.15	-95.92	-12.00	2,944.28	3,298.70	3,180.26	118.44	27.851	
10,200.00	6,227.00	10,915.00	6,369.41	104.10	81.15	-95.92	-12.00	2,944.28	3,390.31	3,272.14	118.17	28.690	
10,300.00	6,227.00	10,915.00	6,369.41	104.65	81.15	-95.92	-12.00	2,944.28	3,482.38	3,364.47	117.91	29.535	
10,400.00	6,227.00	10,915.00	6,369.41	105.22	81.15	-95.92	-12.00	2,944.28	3,574.87	3,457.22	117.66	30.384	
10,500.00	6,227.00	10,915.00	6,369.41	105.82	81.15	-95.92	-12.00	2,944.28	3,667.76	3,550.35	117.41	31.239	
10,600.00	6,227.00	10,915.00	6,369.41	106.43	81.15	-95.92	-12.00	2,944.28	3,761.02	3,643.84	117.17	32.098	
10,700.00	6,227.00	10,915.00	6,369.41	107.07	81.15	-95.92	-12.00	2,944.28	3,854.61	3,737.66	116.95	32.960	
10,800.00	6,227.00	10,915.00	6,369.41	107.74	81.15	-95.92	-12.00	2,944.28	3,948.52	3,831.79	116.73	33.826	
10,900.00	6,227.00	10,915.00	6,369.41	108.42	81.15	-95.92	-12.00	2,944.28	4,042.71	3,926.20	116.52	34.696	
11,000.00	6,227.00	10,915.00	6,369.41	109.14	81.15	-95.92	-12.00	2,944.28	4,137.19	4,020.87	116.32	35.568	
11,100.00	6,227.00	10,915.00	6,369.41	109.87	81.15	-95.92	-12.00	2,944.28	4,231.91	4,115.79	116.12	36.443	
11,200.00	6,227.00	10,915.00	6,369.41	110.64	81.15	-95.92	-12.00	2,944.28	4,326.87	4,210.94	115.94	37.321	
11,300.00	6,227.00	10,915.00	6,369.41	111.43	81.15	-95.92	-12.00	2,944.28	4,422.06	4,306.30	115.76	38.201	
11,400.00	6,227.00	10,915.00	6,369.41	112.24	81.15	-95.92	-12.00	2,944.28	4,517.45	4,401.86	115.59	39.082	
11,500.00	6,227.00	10,915.00	6,369.41	113.08	81.15	-95.92	-12.00	2,944.28	4,613.04	4,497.62	115.42	39.966	
11,600.00	6,227.00	10,915.00	6,369.41	113.94	81.15	-95.92	-12.00	2,944.28	4,708.81	4,593.54	115.27	40.852	
11,700.00	6,227.00	10,915.00	6,369.41	114.83	81.15	-95.92	-12.00	2,944.28	4,804.75	4,689.64	115.12	41.739	
11,800.00	6,227.00	10,915.00	6,369.41	115.74	81.15	-95.92	-12.00	2,944.28	4,900.86	4,785.89	114.97	42.627	
11,900.00	6,227.00	10,915.00	6,369.41	116.68	81.15	-95.92	-12.00	2,944.28	4,997.12	4,882.29	114.83	43.517	
12,000.00	6,227.00	10,915.00	6,369.41	117.64	81.15	-95.92	-12.00	2,944.28	5,093.52	4,978.82	114.70	44.408	
12,100.00	6,227.00	10,915.00	6,369.41	118.63	81.15	-95.92	-12.00	2,944.28	5,190.06	5,075.49	114.57	45.300	
12,200.00	6,227.00	10,915.00	6,369.41	119.64	81.15	-95.92	-12.00	2,944.28	5,286.73	5,172.28	114.45	46.193	
12,300.00	6,227.00	10,915.00	6,369.41	120.68	81.15	-95.92	-12.00	2,944.28	5,383.52	5,269.18	114.33	47.086	
12,400.00	6,227.00	10,915.00	6,369.41	121.74	81.15	-95.92	-12.00	2,944.28	5,480.42	5,366.20	114.22	47.981	
12,500.00	6,227.00	10,915.00	6,369.41	122.82	81.15	-95.92	-12.00	2,944.28	5,577.43	5,463.32	114.11	48.876	
12,600.00	6,227.00	10,915.00	6,369.41	123.92	81.15	-95.92	-12.00	2,944.28	5,674.55	5,560.54	114.01	49.772	
12,700.00	6,227.00	10,915.00	6,369.41	125.04	81.15	-95.92	-12.00	2,944.28	5,771.77	5,657.86	113.91	50.669	
12,800.00	6,227.00	10,915.00	6,369.41	126.19	81.15	-95.92	-12.00	2,944.28	5,869.08	5,755.26	113.82	51.566	
12,900.00	6,227.00	10,915.00	6,369.41	127.35	81.15	-95.92	-12.00	2,944.28	5,966.48	5,852.75	113.73	52.463	
13,000.00	6,227.00	10,915.00	6,369.41	128.54	81.15	-95.92	-12.00	2,944.28	6,063.96	5,950.32	113.64	53.361	
13,100.00	6,227.00	10,915.00	6,369.41	129.74	81.15	-95.92	-12.00	2,944.28	6,161.52	6,047.96	113.56	54.259	
13,200.00	6,227.00	10,915.00	6,369.41	130.97	81.15	-95.92	-12.00	2,944.28	6,259.16	6,145.68	113.48	55.157	
13,300.00	6,227.00	10,915.00	6,369.41	132.21	81.15	-95.92	-12.00	2,944.28	6,356.88	6,243.47	113.40	56.056	
13,400.00	6,227.00	10,915.00	6,369.41	133.47	81.15	-95.92	-12.00	2,944.28	6,454.66	6,341.33	113.33	56.954	
13,500.00	6,227.00	10,915.00	6,369.41	134.74	81.15	-95.92	-12.00	2,944.28	6,552.51	6,439.25	113.26	57.853	
13,600.00	6,227.00	10,915.00	6,369.41	136.03	81.15	-95.92	-12.00	2,944.28	6,650.43	6,537.23	113.19	58.752	
13,700.00	6,227.00	10,915.00	6,369.41	137.34	81.15	-95.92	-12.00	2,944.28	6,748.40	6,635.27	113.13	59.651	
13,800.00	6,227.00	10,915.00	6,369.41	138.67	81.15	-95.92	-12.00	2,944.28	6,846.44	6,733.37	113.07	60.550	
13,900.00	6,227.00	10,915.00	6,369.41	140.00	81.15	-95.92	-12.00	2,944.28	6,944.53	6,831.52	113.01	61.449	
14,000.00	6,227.00	10,915.00	6,369.41	141.36	81.15	-95.92	-12.00	2,944.28	7,042.67	6,929.72	112.96	62.348	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T34-P31-36HNC - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 602-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		
14,100.00	6,227.00	10,915.00	6,369.41	142.72	81.15	-95.92	-12.00	2,944.28	7,140.87	7,027.96	112.90	63.247		
14,200.00	6,227.00	10,915.00	6,369.41	144.10	81.15	-95.92	-12.00	2,944.28	7,239.11	7,126.26	112.85	64.146		
14,300.00	6,227.00	10,915.00	6,369.41	145.49	81.15	-95.92	-12.00	2,944.28	7,337.41	7,224.60	112.81	65.044		
14,400.00	6,227.00	10,915.00	6,369.41	146.90	81.15	-95.92	-12.00	2,944.28	7,435.75	7,322.98	112.76	65.943		
14,500.00	6,227.00	10,915.00	6,369.41	148.31	81.15	-95.92	-12.00	2,944.28	7,534.13	7,421.41	112.72	66.841		
14,600.00	6,227.00	10,915.00	6,369.41	149.74	81.15	-95.92	-12.00	2,944.28	7,632.55	7,519.88	112.68	67.739		
14,700.00	6,227.00	10,915.00	6,369.41	151.18	81.15	-95.92	-12.00	2,944.28	7,731.02	7,618.38	112.64	68.637		
14,800.00	6,227.00	10,915.00	6,369.41	152.62	81.15	-95.92	-12.00	2,944.28	7,829.52	7,716.92	112.60	69.535		
14,900.00	6,227.00	10,915.00	6,369.41	154.08	81.15	-95.92	-12.00	2,944.28	7,928.06	7,815.50	112.56	70.432		
15,000.00	6,227.00	10,915.00	6,369.41	155.55	81.15	-95.92	-12.00	2,944.28	8,026.64	7,914.11	112.53	71.329		
15,100.00	6,227.00	10,915.00	6,369.41	157.03	81.15	-95.92	-12.00	2,944.28	8,125.25	8,012.75	112.50	72.226		
15,200.00	6,227.00	10,915.00	6,369.41	158.51	81.15	-95.92	-12.00	2,944.28	8,223.89	8,111.43	112.47	73.123		
15,300.00	6,227.00	10,915.00	6,369.41	160.01	81.15	-95.92	-12.00	2,944.28	8,322.57	8,210.13	112.44	74.019		
15,400.00	6,227.00	10,915.00	6,369.41	161.51	81.15	-95.92	-12.00	2,944.28	8,421.28	8,308.87	112.41	74.915		
15,500.00	6,227.00	10,915.00	6,369.41	163.02	81.15	-95.92	-12.00	2,944.28	8,520.02	8,407.63	112.39	75.811		
15,600.00	6,227.00	10,915.00	6,369.41	164.54	81.15	-95.92	-12.00	2,944.28	8,618.79	8,506.43	112.36	76.706		
15,700.00	6,227.00	10,915.00	6,369.41	166.06	81.15	-95.92	-12.00	2,944.28	8,717.58	8,605.24	112.34	77.601		
15,800.00	6,227.00	10,915.00	6,369.41	167.59	81.15	-95.92	-12.00	2,944.28	8,816.41	8,704.09	112.32	78.495		
15,900.00	6,227.00	10,915.00	6,369.41	169.13	81.15	-95.92	-12.00	2,944.28	8,915.26	8,802.96	112.30	79.389		
16,000.00	6,227.00	10,915.00	6,369.41	170.68	81.15	-95.92	-12.00	2,944.28	9,014.13	8,901.85	112.28	80.282		
16,100.00	6,227.00	10,915.00	6,369.41	172.23	81.15	-95.92	-12.00	2,944.28	9,113.03	9,000.77	112.26	81.176		
16,200.00	6,227.00	10,915.00	6,369.41	173.78	81.15	-95.92	-12.00	2,944.28	9,211.95	9,099.71	112.25	82.068		
16,300.00	6,227.00	10,915.00	6,369.41	175.35	81.15	-95.92	-12.00	2,944.28	9,310.90	9,198.67	112.23	82.960		
16,400.00	6,227.00	10,915.00	6,369.41	176.92	81.15	-95.92	-12.00	2,944.28	9,409.87	9,297.65	112.22	83.852		
16,500.00	6,227.00	10,915.00	6,369.41	178.49	81.15	-95.92	-12.00	2,944.28	9,508.86	9,396.65	112.21	84.744		
16,600.00	6,227.00	10,915.00	6,369.41	180.07	81.15	-95.92	-12.00	2,944.28	9,607.87	9,495.67	112.20	85.634		
16,700.00	6,227.00	10,915.00	6,369.41	181.65	81.15	-95.92	-12.00	2,944.28	9,706.90	9,594.71	112.19	86.525		
16,800.00	6,227.00	10,915.00	6,369.41	183.24	81.15	-95.92	-12.00	2,944.28	9,805.95	9,693.77	112.18	87.414		
16,900.00	6,227.00	10,915.00	6,369.41	184.84	81.15	-95.92	-12.00	2,944.28	9,905.02	9,792.85	112.17	88.304		
17,000.00	6,227.00	10,915.00	6,369.41	186.43	81.15	-95.92	-12.00	2,944.28	10,004.11	9,891.95	112.16	89.192		
17,100.00	6,227.00	10,915.00	6,369.41	188.04	81.15	-95.92	-12.00	2,944.28	10,103.22	9,991.06	112.16	90.081		

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T44-P41-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 475-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	5.45	5.45	0.00	0.01	141.70	-4,315.36	3,407.71	5,498.62				
100.00	100.00	114.52	114.52	0.27	0.20	141.71	-4,315.42	3,407.48	5,498.53	5,498.07	0.47	N/A	
200.00	199.98	223.54	223.54	0.62	0.39	57.09	-4,315.59	3,406.82	5,497.33	5,496.32	1.01	5,436.895	
300.00	299.84	332.36	332.35	0.99	0.58	57.20	-4,315.86	3,405.74	5,494.07	5,492.51	1.56	3,520.875	
400.00	399.45	440.80	440.78	1.36	0.77	57.39	-4,316.23	3,404.25	5,488.76	5,486.64	2.12	2,588.496	
500.00	498.70	558.22	558.17	1.75	1.12	57.66	-4,316.72	3,401.95	5,481.29	5,478.43	2.87	1,912.241	
600.00	597.47	650.43	650.36	2.18	1.46	57.97	-4,317.10	3,400.04	5,471.94	5,468.34	3.60	1,518.275	
700.00	695.62	746.07	745.98	2.63	1.80	58.34	-4,317.62	3,398.08	5,460.90	5,456.52	4.38	1,247.192	
800.00	793.06	849.02	848.91	3.12	2.17	58.79	-4,318.24	3,395.80	5,448.07	5,442.86	5.21	1,045.855	
900.00	889.64	923.33	923.19	3.66	2.44	59.24	-4,318.81	3,394.04	5,433.59	5,427.62	5.97	910.025	
1,000.00	985.27	967.00	966.85	4.25	2.60	59.63	-4,319.44	3,392.98	5,418.06	5,411.40	6.66	813.330	
1,100.00	1,079.82	1,012.92	1,012.72	4.89	2.77	60.08	-4,320.84	3,391.58	5,401.81	5,394.40	7.41	729.277	
1,200.00	1,173.17	1,057.00	1,056.69	5.58	2.93	60.55	-4,323.35	3,389.68	5,385.10	5,376.90	8.20	657.103	
1,300.00	1,265.21	1,057.00	1,056.69	6.34	2.93	60.85	-4,323.35	3,389.68	5,368.02	5,359.15	8.88	604.803	
1,400.00	1,355.84	1,093.84	1,093.36	7.16	3.07	61.34	-4,326.34	3,387.97	5,350.56	5,340.81	9.75	548.693	
1,500.00	1,444.94	1,114.94	1,114.34	8.05	3.14	61.76	-4,328.43	3,387.07	5,333.00	5,322.37	10.63	501.710	
1,600.00	1,532.39	1,151.00	1,150.13	9.02	3.28	62.29	-4,332.62	3,385.68	5,315.40	5,303.77	11.63	457.063	
1,700.00	1,618.11	1,151.00	1,150.13	10.05	3.28	62.61	-4,332.62	3,385.68	5,297.51	5,284.95	12.56	421.781	
1,800.00	1,701.97	1,184.10	1,182.91	11.16	3.41	63.14	-4,337.09	3,384.47	5,279.56	5,265.87	13.69	385.612	
1,900.00	1,783.88	1,209.90	1,208.40	12.35	3.51	63.64	-4,340.92	3,383.51	5,261.52	5,246.65	14.87	353.886	
2,000.00	1,863.74	1,242.00	1,240.05	13.61	3.63	64.20	-4,346.12	3,382.31	5,243.43	5,227.28	16.15	324.755	
2,100.00	1,941.45	1,242.00	1,240.05	14.95	3.63	64.53	-4,346.12	3,382.31	5,225.39	5,208.02	17.37	300.822	
2,112.50	1,951.01	1,242.00	1,240.05	15.12	3.63	64.57	-4,346.12	3,382.31	5,223.16	5,205.63	17.53	297.977	
2,200.00	2,017.79	10,693.89	6,354.06	16.35	79.53	141.53	-174.62	3,595.26	5,198.00	5,140.82	57.18	90.909	
2,300.00	2,094.11	10,716.95	6,354.29	17.76	79.92	142.68	-151.61	3,596.81	5,099.24	5,041.81	57.44	88.779	
2,400.00	2,170.44	10,732.37	6,354.42	19.17	80.18	143.48	-136.22	3,597.83	5,000.49	4,942.88	57.61	86.792	
2,500.00	2,246.76	10,745.13	6,354.53	20.60	80.39	144.16	-123.49	3,598.68	4,901.76	4,843.99	57.76	84.858	
2,600.00	2,323.08	10,757.81	6,354.62	22.03	80.61	144.85	-110.85	3,599.52	4,803.05	4,745.14	57.91	82.934	
2,700.00	2,399.41	10,770.40	6,354.72	23.47	80.82	145.55	-98.28	3,600.35	4,704.37	4,646.31	58.06	81.021	
2,800.00	2,475.73	10,783.77	6,354.82	24.91	81.04	146.31	-84.94	3,601.22	4,605.71	4,547.49	58.22	79.110	
2,900.00	2,552.05	10,797.03	6,354.93	26.36	81.27	147.08	-71.71	3,602.04	4,507.08	4,448.71	58.37	77.213	
3,000.00	2,628.38	10,810.06	6,355.05	27.80	81.49	147.85	-58.70	3,602.82	4,408.49	4,349.97	58.52	75.333	
3,100.00	2,704.70	10,823.54	6,355.20	29.25	81.72	148.68	-45.24	3,603.58	4,309.92	4,251.25	58.67	73.462	
3,200.00	2,781.02	10,836.94	6,355.36	30.71	81.94	149.52	-31.86	3,604.30	4,211.39	4,152.58	58.81	71.606	
3,300.00	2,857.35	10,850.06	6,355.52	32.16	82.16	150.36	-18.76	3,604.97	4,112.90	4,053.95	58.95	69.769	
3,400.00	2,933.67	10,862.90	6,355.70	33.62	82.38	151.20	-5.93	3,605.59	4,014.44	3,955.36	59.08	67.950	
3,500.00	3,009.99	10,862.00	6,355.68	35.07	82.37	151.14	-6.83	3,605.55	3,916.05	3,856.95	59.11	66.254	
3,600.00	3,086.31	10,862.00	6,355.68	36.53	82.37	151.14	-6.83	3,605.55	3,817.75	3,758.61	59.15	64.548	
3,700.00	3,162.64	10,862.00	6,355.68	37.99	82.37	151.14	-6.83	3,605.55	3,719.54	3,660.35	59.19	62.842	
3,800.00	3,238.96	10,862.00	6,355.68	39.45	82.37	151.14	-6.83	3,605.55	3,621.42	3,562.18	59.24	61.135	
3,900.00	3,315.28	10,862.00	6,355.68	40.91	82.37	151.14	-6.83	3,605.55	3,523.41	3,464.12	59.29	59.427	
4,000.00	3,391.61	10,862.00	6,355.68	42.37	82.37	151.14	-6.83	3,605.55	3,425.52	3,366.17	59.35	57.719	
4,100.00	3,467.93	10,862.00	6,355.68	43.84	82.37	151.14	-6.83	3,605.55	3,327.75	3,268.33	59.41	56.011	
4,200.00	3,544.25	10,862.00	6,355.68	45.30	82.37	151.14	-6.83	3,605.55	3,230.11	3,170.63	59.48	54.304	
4,300.00	3,620.58	10,862.00	6,355.68	46.76	82.37	151.14	-6.83	3,605.55	3,132.63	3,073.07	59.56	52.599	
4,400.00	3,696.90	10,862.00	6,355.68	48.23	82.37	151.14	-6.83	3,605.55	3,035.31	2,975.67	59.64	50.894	
4,500.00	3,773.22	10,862.00	6,355.68	49.69	82.37	151.14	-6.83	3,605.55	2,938.17	2,878.44	59.73	49.192	
4,600.00	3,849.55	10,862.00	6,355.68	51.16	82.37	151.14	-6.83	3,605.55	2,841.22	2,781.40	59.83	47.492	
4,700.00	3,925.87	10,862.00	6,355.68	52.62	82.37	151.14	-6.83	3,605.55	2,744.50	2,684.57	59.93	45.794	
4,800.00	4,002.19	10,862.00	6,355.68	54.09	82.37	151.14	-6.83	3,605.55	2,648.02	2,587.98	60.05	44.100	
4,900.00	4,078.51	10,862.00	6,355.68	55.56	82.37	151.14	-6.83	3,605.55	2,551.81	2,491.64	60.17	42.409	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T44-P41-36HNC - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 475-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		
5,000.00	4,154.84	10,862.00	6,355.68	57.02	82.37	151.14	-6.83	3,605.55	2,455.91	2,395.60	60.31	40.722		
5,100.00	4,231.16	10,862.00	6,355.68	58.49	82.37	151.14	-6.83	3,605.55	2,360.34	2,299.88	60.46	39.040		
5,200.00	4,307.48	10,862.00	6,355.68	59.96	82.37	151.14	-6.83	3,605.55	2,265.16	2,204.54	60.63	37.363		
5,300.00	4,383.81	10,862.00	6,355.68	61.43	82.37	151.14	-6.83	3,605.55	2,170.41	2,109.60	60.81	35.692		
5,400.00	4,460.13	10,862.00	6,355.68	62.89	82.37	151.14	-6.83	3,605.55	2,076.16	2,015.14	61.02	34.027		
5,500.00	4,536.45	10,862.00	6,355.68	64.36	82.37	151.14	-6.83	3,605.55	1,982.46	1,921.22	61.25	32.369		
5,600.00	4,612.78	10,862.00	6,355.68	65.83	82.37	151.14	-6.83	3,605.55	1,889.42	1,827.91	61.51	30.720		
5,700.00	4,689.10	10,862.00	6,355.68	67.30	82.37	151.14	-6.83	3,605.55	1,797.12	1,735.32	61.80	29.079		
5,800.00	4,765.42	10,862.00	6,355.68	68.77	82.37	151.14	-6.83	3,605.55	1,705.68	1,643.54	62.14	27.449		
5,900.00	4,841.75	10,862.00	6,355.68	70.24	82.37	151.14	-6.83	3,605.55	1,615.27	1,552.73	62.54	25.829		
6,000.00	4,918.07	10,862.00	6,355.68	71.70	82.37	151.14	-6.83	3,605.55	1,526.05	1,463.05	63.00	24.222		
6,100.00	4,994.39	10,862.00	6,355.68	73.17	82.37	151.14	-6.83	3,605.55	1,438.25	1,374.69	63.56	22.628		
6,200.00	5,070.72	10,862.00	6,355.68	74.64	82.37	151.14	-6.83	3,605.55	1,352.14	1,287.90	64.24	21.048		
6,300.00	5,147.04	10,862.00	6,355.68	76.11	82.37	151.14	-6.83	3,605.55	1,268.08	1,202.99	65.09	19.481		
6,400.00	5,223.36	10,862.00	6,355.68	77.58	82.37	151.14	-6.83	3,605.55	1,186.49	1,120.32	66.18	17.929		
6,500.00	5,299.68	10,862.00	6,355.68	79.05	82.37	151.14	-6.83	3,605.55	1,107.92	1,040.33	67.59	16.392		
6,600.00	5,376.01	10,862.00	6,355.68	80.52	82.37	151.14	-6.83	3,605.55	1,033.07	963.59	69.48	14.869		
6,700.00	5,452.33	10,862.00	6,355.68	81.99	82.37	151.14	-6.83	3,605.55	962.79	890.76	72.03	13.366		
6,800.00	5,528.65	10,862.00	6,355.68	83.46	82.37	151.14	-6.83	3,605.55	898.16	822.67	75.49	11.898		
6,900.00	5,604.98	10,862.00	6,355.68	84.93	82.37	151.14	-6.83	3,605.55	840.49	760.41	80.08	10.495		
7,000.00	5,681.30	10,862.00	6,355.68	86.40	82.37	151.14	-6.83	3,605.55	791.31	705.39	85.92	9.210		
7,100.00	5,757.62	10,862.00	6,355.68	87.87	82.37	151.14	-6.83	3,605.55	752.26	659.43	92.83	8.103		
7,176.71	5,816.17	10,862.00	6,355.68	89.00	82.37	151.14	-6.83	3,605.55	730.22	631.66	98.56	7.409		
7,200.00	5,833.92	10,862.00	6,355.68	89.34	82.37	153.45	-6.83	3,605.55	725.26	624.93	100.33	7.229		
7,250.00	5,871.73	10,862.00	6,355.68	90.07	82.37	158.60	-6.83	3,605.55	718.81	614.70	104.11	6.905		
7,279.80	5,893.98	10,862.00	6,355.68	90.49	82.37	161.75	-6.83	3,605.55	717.76	611.47	106.28	6.753 CC		
7,300.00	5,908.91	10,862.00	6,355.68	90.78	82.37	163.91	-6.83	3,605.55	718.24	610.53	107.71	6.668 ES		
7,350.00	5,945.18	10,862.00	6,355.68	91.48	82.37	169.29	-6.83	3,605.55	723.57	612.57	111.00	6.519		
7,400.00	5,980.26	10,862.00	6,355.68	92.14	82.37	174.70	-6.83	3,605.55	734.64	620.79	113.85	6.453 SF		
7,450.00	6,013.88	10,862.00	6,355.68	92.77	82.37	-179.86	-6.83	3,605.55	751.10	634.88	116.22	6.463		
7,500.00	6,045.79	10,862.00	6,355.68	93.36	82.37	-174.34	-6.83	3,605.55	772.49	654.40	118.10	6.541		
7,550.00	6,075.75	10,862.00	6,355.68	93.90	82.37	-168.66	-6.83	3,605.55	798.27	678.75	119.52	6.679		
7,600.00	6,103.52	10,862.00	6,355.68	94.40	82.37	-162.74	-6.83	3,605.55	827.83	707.27	120.55	6.867		
7,650.00	6,128.89	10,862.00	6,355.68	94.85	82.37	-156.49	-6.83	3,605.55	860.57	739.31	121.26	7.097		
7,700.00	6,151.68	10,862.00	6,355.68	95.25	82.37	-149.85	-6.83	3,605.55	895.91	774.21	121.70	7.362		
7,750.00	6,171.71	10,862.00	6,355.68	95.60	82.37	-142.79	-6.83	3,605.55	933.30	811.36	121.94	7.654		
7,800.00	6,188.82	10,862.00	6,355.68	95.91	82.37	-135.36	-6.83	3,605.55	972.24	850.22	122.02	7.968		
7,850.00	6,202.89	10,862.00	6,355.68	96.16	82.37	-127.70	-6.83	3,605.55	1,012.27	890.29	121.98	8.298		
7,900.00	6,213.81	10,862.00	6,355.68	96.38	82.37	-120.01	-6.83	3,605.55	1,052.98	931.12	121.86	8.641		
7,950.00	6,221.49	10,862.00	6,355.68	96.55	82.37	-112.56	-6.83	3,605.55	1,093.99	972.33	121.67	8.992		
8,000.00	6,225.88	10,862.00	6,355.68	96.69	82.37	-105.61	-6.83	3,605.55	1,134.99	1,013.57	121.42	9.348		
8,040.96	6,227.00	10,862.00	6,355.68	96.77	82.37	-100.42	-6.83	3,605.55	1,168.35	1,047.17	121.18	9.641		
8,100.00	6,227.00	10,862.00	6,355.68	96.88	82.37	-100.42	-6.83	3,605.55	1,216.72	1,095.90	120.81	10.071		
8,200.00	6,227.00	10,862.00	6,355.68	97.07	82.37	-100.42	-6.83	3,605.55	1,300.64	1,180.49	120.16	10.825		
8,300.00	6,227.00	10,862.00	6,355.68	97.28	82.37	-100.42	-6.83	3,605.55	1,386.70	1,267.21	119.49	11.606		
8,400.00	6,227.00	10,862.00	6,355.68	97.49	82.37	-100.42	-6.83	3,605.55	1,474.52	1,355.69	118.83	12.409		
8,500.00	6,227.00	10,862.00	6,355.68	97.72	82.37	-100.42	-6.83	3,605.55	1,563.80	1,445.60	118.20	13.230		
8,600.00	6,227.00	10,862.00	6,355.68	97.97	82.37	-100.42	-6.83	3,605.55	1,654.31	1,536.69	117.62	14.065		
8,700.00	6,227.00	10,862.00	6,355.68	98.23	82.37	-100.42	-6.83	3,605.55	1,745.85	1,628.79	117.07	14.913		
8,800.00	6,227.00	10,862.00	6,355.68	98.50	82.37	-100.42	-6.83	3,605.55	1,838.28	1,721.72	116.56	15.771		
8,900.00	6,227.00	10,862.00	6,355.68	98.79	82.37	-100.42	-6.83	3,605.55	1,931.46	1,815.36	116.10	16.636		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T44-P41-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 475-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	
9,000.00	6,227.00	10,862.00	6,355.68	99.09	82.37	-100.42	-6.83	3,605.55	2,025.29	1,909.62	115.67	17.509	
9,100.00	6,227.00	10,862.00	6,355.68	99.41	82.37	-100.42	-6.83	3,605.55	2,119.69	2,004.40	115.29	18.386	
9,200.00	6,227.00	10,862.00	6,355.68	99.75	82.37	-100.42	-6.83	3,605.55	2,214.58	2,099.64	114.93	19.268	
9,300.00	6,227.00	10,862.00	6,355.68	100.10	82.37	-100.42	-6.83	3,605.55	2,309.90	2,195.28	114.61	20.154	
9,400.00	6,227.00	10,862.00	6,355.68	100.47	82.37	-100.42	-6.83	3,605.55	2,405.59	2,291.27	114.32	21.043	
9,500.00	6,227.00	10,862.00	6,355.68	100.86	82.37	-100.42	-6.83	3,605.55	2,501.63	2,387.58	114.05	21.934	
9,600.00	6,227.00	10,862.00	6,355.68	101.26	82.37	-100.42	-6.83	3,605.55	2,597.96	2,484.15	113.81	22.827	
9,700.00	6,227.00	10,862.00	6,355.68	101.68	82.37	-100.42	-6.83	3,605.55	2,694.57	2,580.97	113.59	23.721	
9,800.00	6,227.00	10,862.00	6,355.68	102.13	82.37	-100.42	-6.83	3,605.55	2,791.41	2,678.01	113.40	24.617	
9,900.00	6,227.00	10,862.00	6,355.68	102.59	82.37	-100.42	-6.83	3,605.55	2,888.46	2,775.25	113.21	25.513	
10,000.00	6,227.00	10,862.00	6,355.68	103.07	82.37	-100.42	-6.83	3,605.55	2,985.71	2,872.66	113.05	26.411	
10,100.00	6,227.00	10,862.00	6,355.68	103.58	82.37	-100.42	-6.83	3,605.55	3,083.14	2,970.24	112.90	27.308	
10,200.00	6,227.00	10,862.00	6,355.68	104.10	82.37	-100.42	-6.83	3,605.55	3,180.73	3,067.96	112.77	28.207	
10,300.00	6,227.00	10,862.00	6,355.68	104.65	82.37	-100.42	-6.83	3,605.55	3,278.46	3,165.82	112.64	29.105	
10,400.00	6,227.00	10,862.00	6,355.68	105.22	82.37	-100.42	-6.83	3,605.55	3,376.32	3,263.79	112.53	30.004	
10,500.00	6,227.00	10,862.00	6,355.68	105.82	82.37	-100.42	-6.83	3,605.55	3,474.31	3,361.88	112.43	30.902	
10,600.00	6,227.00	10,862.00	6,355.68	106.43	82.37	-100.42	-6.83	3,605.55	3,572.41	3,460.07	112.34	31.801	
10,700.00	6,227.00	10,862.00	6,355.68	107.07	82.37	-100.42	-6.83	3,605.55	3,670.61	3,558.36	112.25	32.700	
10,800.00	6,227.00	10,862.00	6,355.68	107.74	82.37	-100.42	-6.83	3,605.55	3,768.90	3,656.73	112.18	33.598	
10,900.00	6,227.00	10,862.00	6,355.68	108.42	82.37	-100.42	-6.83	3,605.55	3,867.29	3,755.18	112.11	34.497	
11,000.00	6,227.00	10,862.00	6,355.68	109.14	82.37	-100.42	-6.83	3,605.55	3,965.75	3,853.71	112.04	35.395	
11,100.00	6,227.00	10,862.00	6,355.68	109.87	82.37	-100.42	-6.83	3,605.55	4,064.29	3,952.30	111.99	36.292	
11,200.00	6,227.00	10,862.00	6,355.68	110.64	82.37	-100.42	-6.83	3,605.55	4,162.90	4,050.96	111.94	37.190	
11,300.00	6,227.00	10,862.00	6,355.68	111.43	82.37	-100.42	-6.83	3,605.55	4,261.57	4,149.68	111.89	38.087	
11,400.00	6,227.00	10,862.00	6,355.68	112.24	82.37	-100.42	-6.83	3,605.55	4,360.30	4,248.45	111.85	38.984	
11,500.00	6,227.00	10,862.00	6,355.68	113.08	82.37	-100.42	-6.83	3,605.55	4,459.09	4,347.28	111.81	39.881	
11,600.00	6,227.00	10,862.00	6,355.68	113.94	82.37	-100.42	-6.83	3,605.55	4,557.94	4,446.16	111.78	40.777	
11,700.00	6,227.00	10,862.00	6,355.68	114.83	82.37	-100.42	-6.83	3,605.55	4,656.83	4,545.08	111.75	41.672	
11,800.00	6,227.00	10,862.00	6,355.68	115.74	82.37	-100.42	-6.83	3,605.55	4,755.77	4,644.05	111.72	42.568	
11,900.00	6,227.00	10,862.00	6,355.68	116.68	82.37	-100.42	-6.83	3,605.55	4,854.75	4,743.05	111.70	43.463	
12,000.00	6,227.00	10,862.00	6,355.68	117.64	82.37	-100.42	-6.83	3,605.55	4,953.77	4,842.09	111.68	44.358	
12,100.00	6,227.00	10,862.00	6,355.68	118.63	82.37	-100.42	-6.83	3,605.55	5,052.83	4,941.17	111.66	45.252	
12,200.00	6,227.00	10,862.00	6,355.68	119.64	82.37	-100.42	-6.83	3,605.55	5,151.93	5,040.29	111.65	46.146	
12,300.00	6,227.00	10,862.00	6,355.68	120.68	82.37	-100.42	-6.83	3,605.55	5,251.06	5,139.43	111.63	47.039	
12,400.00	6,227.00	10,862.00	6,355.68	121.74	82.37	-100.42	-6.83	3,605.55	5,350.23	5,238.61	111.62	47.932	
12,500.00	6,227.00	10,862.00	6,355.68	122.82	82.37	-100.42	-6.83	3,605.55	5,449.42	5,337.81	111.61	48.824	
12,600.00	6,227.00	10,862.00	6,355.68	123.92	82.37	-100.42	-6.83	3,605.55	5,548.65	5,437.04	111.61	49.717	
12,700.00	6,227.00	10,862.00	6,355.68	125.04	82.37	-100.42	-6.83	3,605.55	5,647.90	5,536.30	111.60	50.608	
12,800.00	6,227.00	10,862.00	6,355.68	126.19	82.37	-100.42	-6.83	3,605.55	5,747.17	5,635.58	111.60	51.499	
12,900.00	6,227.00	10,862.00	6,355.68	127.35	82.37	-100.42	-6.83	3,605.55	5,846.47	5,734.88	111.59	52.390	
13,000.00	6,227.00	10,862.00	6,355.68	128.54	82.37	-100.42	-6.83	3,605.55	5,945.80	5,834.21	111.59	53.281	
13,100.00	6,227.00	10,862.00	6,355.68	129.74	82.37	-100.42	-6.83	3,605.55	6,045.15	5,933.55	111.59	54.170	
13,200.00	6,227.00	10,862.00	6,355.68	130.97	82.37	-100.42	-6.83	3,605.55	6,144.52	6,032.92	111.60	55.060	
13,300.00	6,227.00	10,862.00	6,355.68	132.21	82.37	-100.42	-6.83	3,605.55	6,243.90	6,132.30	111.60	55.949	
13,400.00	6,227.00	10,862.00	6,355.68	133.47	82.37	-100.42	-6.83	3,605.55	6,343.31	6,231.71	111.60	56.837	
13,500.00	6,227.00	10,862.00	6,355.68	134.74	82.37	-100.42	-6.83	3,605.55	6,442.74	6,331.13	111.61	57.725	
13,600.00	6,227.00	10,862.00	6,355.68	136.03	82.37	-100.42	-6.83	3,605.55	6,542.18	6,430.57	111.62	58.613	
13,700.00	6,227.00	10,862.00	6,355.68	137.34	82.37	-100.42	-6.83	3,605.55	6,641.64	6,530.02	111.62	59.500	
13,800.00	6,227.00	10,862.00	6,355.68	138.67	82.37	-100.42	-6.83	3,605.55	6,741.12	6,629.49	111.63	60.387	
13,900.00	6,227.00	10,862.00	6,355.68	140.00	82.37	-100.42	-6.83	3,605.55	6,840.61	6,728.97	111.64	61.273	
14,000.00	6,227.00	10,862.00	6,355.68	141.36	82.37	-100.42	-6.83	3,605.55	6,940.12	6,828.46	111.65	62.159	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T44-P41-36HNC - OWB - FINAL SURVEY											Offset Site Error: 0.00 usft		
Survey Program: 475-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
14,100.00	6,227.00	10,862.00	6,355.68	142.72	82.37	-100.42	-6.83	3,605.55	7,039.64	6,927.97	111.66	63.044	
14,200.00	6,227.00	10,862.00	6,355.68	144.10	82.37	-100.42	-6.83	3,605.55	7,139.17	7,027.50	111.67	63.929	
14,300.00	6,227.00	10,862.00	6,355.68	145.49	82.37	-100.42	-6.83	3,605.55	7,238.72	7,127.03	111.69	64.813	
14,400.00	6,227.00	10,862.00	6,355.68	146.90	82.37	-100.42	-6.83	3,605.55	7,338.28	7,226.58	111.70	65.697	
14,500.00	6,227.00	10,862.00	6,355.68	148.31	82.37	-100.42	-6.83	3,605.55	7,437.85	7,326.13	111.71	66.580	
14,600.00	6,227.00	10,862.00	6,355.68	149.74	82.37	-100.42	-6.83	3,605.55	7,537.43	7,425.70	111.73	67.463	
14,700.00	6,227.00	10,862.00	6,355.68	151.18	82.37	-100.42	-6.83	3,605.55	7,637.02	7,525.28	111.74	68.345	
14,800.00	6,227.00	10,862.00	6,355.68	152.62	82.37	-100.42	-6.83	3,605.55	7,736.62	7,624.87	111.76	69.227	
14,900.00	6,227.00	10,862.00	6,355.68	154.08	82.37	-100.42	-6.83	3,605.55	7,836.24	7,724.46	111.77	70.108	
15,000.00	6,227.00	10,862.00	6,355.68	155.55	82.37	-100.42	-6.83	3,605.55	7,935.86	7,824.07	111.79	70.989	
15,100.00	6,227.00	10,862.00	6,355.68	157.03	82.37	-100.42	-6.83	3,605.55	8,035.49	7,923.69	111.81	71.869	
15,200.00	6,227.00	10,862.00	6,355.68	158.51	82.37	-100.42	-6.83	3,605.55	8,135.14	8,023.31	111.83	72.749	
15,300.00	6,227.00	10,862.00	6,355.68	160.01	82.37	-100.42	-6.83	3,605.55	8,234.79	8,122.94	111.84	73.628	
15,400.00	6,227.00	10,862.00	6,355.68	161.51	82.37	-100.42	-6.83	3,605.55	8,334.45	8,222.58	111.86	74.507	
15,500.00	6,227.00	10,862.00	6,355.68	163.02	82.37	-100.42	-6.83	3,605.55	8,434.11	8,322.23	111.88	75.385	
15,600.00	6,227.00	10,862.00	6,355.68	164.54	82.37	-100.42	-6.83	3,605.55	8,533.79	8,421.89	111.90	76.262	
15,700.00	6,227.00	10,862.00	6,355.68	166.06	82.37	-100.42	-6.83	3,605.55	8,633.47	8,521.55	111.92	77.140	
15,800.00	6,227.00	10,862.00	6,355.68	167.59	82.37	-100.42	-6.83	3,605.55	8,733.16	8,621.22	111.94	78.016	
15,900.00	6,227.00	10,862.00	6,355.68	169.13	82.37	-100.42	-6.83	3,605.55	8,832.85	8,720.89	111.96	78.892	
16,000.00	6,227.00	10,862.00	6,355.68	170.68	82.37	-100.42	-6.83	3,605.55	8,932.56	8,820.58	111.98	79.768	
16,100.00	6,227.00	10,862.00	6,355.68	172.23	82.37	-100.42	-6.83	3,605.55	9,032.27	8,920.26	112.00	80.643	
16,200.00	6,227.00	10,862.00	6,355.68	173.78	82.37	-100.42	-6.83	3,605.55	9,131.98	9,019.96	112.03	81.517	
16,300.00	6,227.00	10,862.00	6,355.68	175.35	82.37	-100.42	-6.83	3,605.55	9,231.71	9,119.66	112.05	82.391	
16,400.00	6,227.00	10,862.00	6,355.68	176.92	82.37	-100.42	-6.83	3,605.55	9,331.43	9,219.36	112.07	83.264	
16,500.00	6,227.00	10,862.00	6,355.68	178.49	82.37	-100.42	-6.83	3,605.55	9,431.17	9,319.07	112.09	84.137	
16,600.00	6,227.00	10,862.00	6,355.68	180.07	82.37	-100.42	-6.83	3,605.55	9,530.91	9,418.79	112.12	85.009	
16,700.00	6,227.00	10,862.00	6,355.68	181.65	82.37	-100.42	-6.83	3,605.55	9,630.65	9,518.51	112.14	85.881	
16,800.00	6,227.00	10,862.00	6,355.68	183.24	82.37	-100.42	-6.83	3,605.55	9,730.40	9,618.24	112.16	86.752	
16,900.00	6,227.00	10,862.00	6,355.68	184.84	82.37	-100.42	-6.83	3,605.55	9,830.16	9,717.97	112.19	87.622	
17,000.00	6,227.00	10,862.00	6,355.68	186.43	82.37	-100.42	-6.83	3,605.55	9,929.92	9,817.70	112.21	88.492	
17,100.00	6,227.00	10,862.00	6,355.68	188.04	82.37	-100.42	-6.83	3,605.55	10,029.68	9,917.45	112.24	89.361	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T-P-36HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 510-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	6.09	6.09	0.00	0.01	141.59	-4,297.15	3,407.71	5,484.34				
100.00	100.00	127.93	127.93	0.27	0.22	141.59	-4,297.12	3,407.32	5,484.12	5,483.63	0.49	N/A	
200.00	199.98	249.70	249.70	0.62	0.44	56.98	-4,297.03	3,406.22	5,482.55	5,481.50	1.06	5,177.422	
300.00	299.84	371.21	371.19	0.99	0.65	57.11	-4,296.89	3,404.42	5,478.69	5,477.06	1.63	3,357.524	
400.00	399.45	492.23	492.19	1.36	0.86	57.33	-4,296.69	3,401.92	5,472.55	5,470.33	2.21	2,470.779	
500.00	498.70	582.33	582.27	1.75	1.15	57.58	-4,296.31	3,400.13	5,464.39	5,461.50	2.89	1,890.724	
600.00	597.47	638.82	638.76	2.18	1.35	57.82	-4,295.80	3,399.72	5,454.84	5,451.35	3.49	1,562.754	
700.00	695.62	694.00	693.92	2.63	1.53	58.08	-4,295.28	3,400.27	5,444.39	5,440.28	4.11	1,325.402	
800.00	793.06	733.05	732.97	3.12	1.67	58.35	-4,295.21	3,400.88	5,433.05	5,428.35	4.70	1,156.602	
900.00	889.64	787.00	786.91	3.66	1.85	58.69	-4,296.06	3,401.31	5,420.89	5,415.51	5.37	1,009.080	
1,000.00	985.27	877.00	876.88	4.25	2.16	59.17	-4,298.15	3,401.66	5,407.42	5,401.21	6.21	870.127	
1,100.00	1,079.82	947.57	947.42	4.89	2.40	59.66	-4,300.45	3,401.19	5,392.48	5,385.44	7.04	765.983	
1,200.00	1,173.17	1,049.33	1,049.02	5.58	2.77	60.34	-4,305.38	3,398.99	5,376.32	5,368.29	8.03	669.532	
1,300.00	1,265.21	1,220.36	1,219.64	6.34	3.39	61.41	-4,314.15	3,391.41	5,357.58	5,348.24	9.34	573.843	
1,400.00	1,355.84	1,285.34	1,284.40	7.16	3.64	62.10	-4,317.89	3,387.38	5,337.20	5,326.88	10.32	517.205	
1,500.00	1,444.94	1,338.00	1,336.76	8.05	3.84	62.77	-4,321.82	3,383.49	5,316.17	5,304.85	11.32	469.583	
1,600.00	1,532.39	1,374.09	1,372.58	9.02	3.98	63.37	-4,325.03	3,380.53	5,294.67	5,282.33	12.33	429.378	
1,700.00	1,618.11	1,430.00	1,427.97	10.05	4.20	64.13	-4,330.89	3,375.65	5,272.93	5,259.44	13.49	390.878	
1,800.00	1,701.97	1,430.00	1,427.97	11.16	4.20	64.54	-4,330.89	3,375.65	5,250.88	5,236.38	14.50	362.128	
1,900.00	1,783.88	1,472.50	1,469.98	12.35	4.37	65.25	-4,336.06	3,371.84	5,228.72	5,212.96	15.76	331.767	
2,000.00	1,863.74	10,816.00	6,304.53	13.61	82.16	154.87	-11.05	3,242.27	5,161.17	5,103.69	57.49	89.781	
2,100.00	1,941.45	10,816.00	6,304.53	14.95	82.16	159.64	-11.05	3,242.27	5,062.47	5,005.05	57.42	88.167	
2,112.50	1,951.01	10,816.00	6,304.53	15.12	82.16	160.12	-11.05	3,242.27	5,050.17	4,992.76	57.41	87.974	
2,200.00	2,017.79	10,816.00	6,304.53	16.35	82.16	160.12	-11.05	3,242.27	4,964.16	4,906.82	57.34	86.581	
2,300.00	2,094.11	10,816.00	6,304.53	17.76	82.16	160.12	-11.05	3,242.27	4,865.92	4,808.66	57.26	84.978	
2,400.00	2,170.44	10,816.00	6,304.53	19.17	82.16	160.12	-11.05	3,242.27	4,767.76	4,710.57	57.19	83.365	
2,500.00	2,246.76	10,816.00	6,304.53	20.60	82.16	160.12	-11.05	3,242.27	4,669.67	4,612.55	57.13	81.743	
2,600.00	2,323.08	10,816.00	6,304.53	22.03	82.16	160.12	-11.05	3,242.27	4,571.67	4,514.61	57.07	80.112	
2,700.00	2,399.41	10,816.00	6,304.53	23.47	82.16	160.12	-11.05	3,242.27	4,473.76	4,416.75	57.01	78.473	
2,800.00	2,475.73	10,816.00	6,304.53	24.91	82.16	160.12	-11.05	3,242.27	4,375.94	4,318.98	56.96	76.827	
2,900.00	2,552.05	10,816.00	6,304.53	26.36	82.16	160.12	-11.05	3,242.27	4,278.22	4,221.31	56.91	75.173	
3,000.00	2,628.38	10,816.00	6,304.53	27.80	82.16	160.12	-11.05	3,242.27	4,180.61	4,123.74	56.87	73.514	
3,100.00	2,704.70	10,816.00	6,304.53	29.25	82.16	160.12	-11.05	3,242.27	4,083.12	4,026.29	56.83	71.849	
3,200.00	2,781.02	10,816.00	6,304.53	30.71	82.16	160.12	-11.05	3,242.27	3,985.75	3,928.95	56.79	70.179	
3,300.00	2,857.35	10,816.00	6,304.53	32.16	82.16	160.12	-11.05	3,242.27	3,888.51	3,831.75	56.76	68.505	
3,400.00	2,933.67	10,816.00	6,304.53	33.62	82.16	160.12	-11.05	3,242.27	3,791.42	3,734.68	56.73	66.827	
3,500.00	3,009.99	10,816.00	6,304.53	35.07	82.16	160.12	-11.05	3,242.27	3,694.48	3,637.77	56.71	65.146	
3,600.00	3,086.31	10,816.00	6,304.53	36.53	82.16	160.12	-11.05	3,242.27	3,597.71	3,541.02	56.69	63.463	
3,700.00	3,162.64	10,816.00	6,304.53	37.99	82.16	160.12	-11.05	3,242.27	3,501.12	3,444.45	56.67	61.778	
3,800.00	3,238.96	10,816.00	6,304.53	39.45	82.16	160.12	-11.05	3,242.27	3,404.73	3,348.07	56.66	60.091	
3,900.00	3,315.28	10,816.00	6,304.53	40.91	82.16	160.12	-11.05	3,242.27	3,308.55	3,251.90	56.65	58.404	
4,000.00	3,391.61	10,816.00	6,304.53	42.37	82.16	160.12	-11.05	3,242.27	3,212.61	3,155.96	56.64	56.716	
4,100.00	3,467.93	10,816.00	6,304.53	43.84	82.16	160.12	-11.05	3,242.27	3,116.92	3,060.28	56.64	55.028	
4,200.00	3,544.25	10,816.00	6,304.53	45.30	82.16	160.12	-11.05	3,242.27	3,021.51	2,964.86	56.65	53.341	
4,300.00	3,620.58	10,816.00	6,304.53	46.76	82.16	160.12	-11.05	3,242.27	2,926.41	2,869.75	56.65	51.654	
4,400.00	3,696.90	10,816.00	6,304.53	48.23	82.16	160.12	-11.05	3,242.27	2,831.64	2,774.97	56.67	49.968	
4,500.00	3,773.22	10,816.00	6,304.53	49.69	82.16	160.12	-11.05	3,242.27	2,737.25	2,680.56	56.69	48.285	
4,600.00	3,849.55	10,816.00	6,304.53	51.16	82.16	160.12	-11.05	3,242.27	2,643.27	2,586.55	56.72	46.602	
4,700.00	3,925.87	10,816.00	6,304.53	52.62	82.16	160.12	-11.05	3,242.27	2,549.74	2,492.98	56.76	44.922	
4,800.00	4,002.19	10,816.00	6,304.53	54.09	82.16	160.12	-11.05	3,242.27	2,456.73	2,399.92	56.81	43.244	
4,900.00	4,078.51	10,816.00	6,304.53	55.56	82.16	160.12	-11.05	3,242.27	2,364.29	2,307.41	56.88	41.569	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T-P-36HNB - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 510-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	
5,000.00	4,154.84	10,816.00	6,304.53	57.02	82.16	160.12	-11.05	3,242.27	2,272.49	2,215.52	56.96	39.895	
5,100.00	4,231.16	10,816.00	6,304.53	58.49	82.16	160.12	-11.05	3,242.27	2,181.40	2,124.34	57.07	38.224	
5,200.00	4,307.48	10,816.00	6,304.53	59.96	82.16	160.12	-11.05	3,242.27	2,091.14	2,033.93	57.21	36.555	
5,300.00	4,383.81	10,816.00	6,304.53	61.43	82.16	160.12	-11.05	3,242.27	2,001.80	1,944.42	57.38	34.886	
5,400.00	4,460.13	10,816.00	6,304.53	62.89	82.16	160.12	-11.05	3,242.27	1,913.51	1,855.91	57.61	33.218	
5,500.00	4,536.45	10,816.00	6,304.53	64.36	82.16	160.12	-11.05	3,242.27	1,826.43	1,768.54	57.89	31.548	
5,600.00	4,612.78	10,816.00	6,304.53	65.83	82.16	160.12	-11.05	3,242.27	1,740.75	1,682.48	58.27	29.875	
5,700.00	4,689.10	10,816.00	6,304.53	67.30	82.16	160.12	-11.05	3,242.27	1,656.66	1,597.91	58.75	28.197	
5,800.00	4,765.42	10,816.00	6,304.53	68.77	82.16	160.12	-11.05	3,242.27	1,574.44	1,515.05	59.39	26.510	
5,900.00	4,841.75	10,816.00	6,304.53	70.24	82.16	160.12	-11.05	3,242.27	1,494.39	1,434.16	60.23	24.813	
6,000.00	4,918.07	10,816.00	6,304.53	71.70	82.16	160.12	-11.05	3,242.27	1,416.87	1,355.54	61.33	23.102	
6,100.00	4,994.39	10,816.00	6,304.53	73.17	82.16	160.12	-11.05	3,242.27	1,342.33	1,279.55	62.79	21.379	
6,200.00	5,070.72	10,816.00	6,304.53	74.64	82.16	160.12	-11.05	3,242.27	1,271.30	1,206.59	64.70	19.648	
6,300.00	5,147.04	10,816.00	6,304.53	76.11	82.16	160.12	-11.05	3,242.27	1,204.38	1,137.19	67.19	17.925	
6,400.00	5,223.36	10,816.00	6,304.53	77.58	82.16	160.12	-11.05	3,242.27	1,142.31	1,071.94	70.36	16.234	
6,500.00	5,299.68	10,816.00	6,304.53	79.05	82.16	160.12	-11.05	3,242.27	1,085.91	1,011.60	74.30	14.614	
6,600.00	5,376.01	10,816.00	6,304.53	80.52	82.16	160.12	-11.05	3,242.27	1,036.11	957.09	79.02	13.111	
6,700.00	5,452.33	10,816.00	6,304.53	81.99	82.16	160.12	-11.05	3,242.27	993.91	909.48	84.44	11.771	
6,800.00	5,528.65	10,816.00	6,304.53	83.46	82.16	160.12	-11.05	3,242.27	960.31	869.97	90.34	10.630	
6,900.00	5,604.98	10,816.00	6,304.53	84.93	82.16	160.12	-11.05	3,242.27	936.23	839.80	96.43	9.709	
7,000.00	5,681.30	10,816.00	6,304.53	86.40	82.16	160.12	-11.05	3,242.27	922.42	820.08	102.34	9.013	
7,078.33	5,741.08	10,816.00	6,304.53	87.55	82.16	160.12	-11.05	3,242.27	919.09	812.49	106.60	8.622	CC
7,100.00	5,757.62	10,816.00	6,304.53	87.87	82.16	160.12	-11.05	3,242.27	919.35	811.65	107.70	8.536	ES
7,176.71	5,816.17	10,816.00	6,304.53	89.00	82.16	160.12	-11.05	3,242.27	924.34	813.10	111.25	8.309	
7,200.00	5,833.92	10,816.00	6,304.53	89.34	82.16	163.12	-11.05	3,242.27	927.30	815.09	112.21	8.264	
7,250.00	5,871.73	10,816.00	6,304.53	90.07	82.16	169.70	-11.05	3,242.27	936.84	822.73	114.11	8.210	SF
7,300.00	5,908.91	10,816.00	6,304.53	90.78	82.16	176.38	-11.05	3,242.27	950.55	834.80	115.75	8.212	
7,350.00	5,945.18	10,816.00	6,304.53	91.48	82.16	-176.92	-11.05	3,242.27	968.15	851.02	117.13	8.266	
7,400.00	5,980.26	10,816.00	6,304.53	92.14	82.16	-170.25	-11.05	3,242.27	989.31	871.05	118.26	8.366	
7,450.00	6,013.88	10,816.00	6,304.53	92.77	82.16	-163.62	-11.05	3,242.27	1,013.65	894.48	119.16	8.506	
7,500.00	6,045.79	10,816.00	6,304.53	93.36	82.16	-157.01	-11.05	3,242.27	1,040.76	920.88	119.88	8.682	
7,550.00	6,075.75	10,816.00	6,304.53	93.90	82.16	-150.40	-11.05	3,242.27	1,070.24	949.81	120.43	8.887	
7,600.00	6,103.52	10,816.00	6,304.53	94.40	82.16	-143.79	-11.05	3,242.27	1,101.68	980.83	120.85	9.116	
7,650.00	6,128.89	10,816.00	6,304.53	94.85	82.16	-137.19	-11.05	3,242.27	1,134.69	1,013.51	121.18	9.364	
7,700.00	6,151.68	10,816.00	6,304.53	95.25	82.16	-130.65	-11.05	3,242.27	1,168.89	1,047.46	121.43	9.626	
7,750.00	6,171.71	10,816.00	6,304.53	95.60	82.16	-124.23	-11.05	3,242.27	1,203.95	1,082.32	121.63	9.899	
7,800.00	6,188.82	10,816.00	6,304.53	95.91	82.16	-118.04	-11.05	3,242.27	1,239.52	1,117.73	121.79	10.177	
7,850.00	6,202.89	10,816.00	6,304.53	96.16	82.16	-112.16	-11.05	3,242.27	1,275.30	1,153.38	121.93	10.460	
7,900.00	6,213.81	10,816.00	6,304.53	96.38	82.16	-106.68	-11.05	3,242.27	1,311.03	1,188.99	122.04	10.743	
7,950.00	6,221.49	10,816.00	6,304.53	96.55	82.16	-101.69	-11.05	3,242.27	1,346.43	1,224.30	122.14	11.024	
8,000.00	6,225.88	10,816.00	6,304.53	96.69	82.16	-97.23	-11.05	3,242.27	1,381.29	1,259.06	122.22	11.301	
8,040.96	6,227.00	10,816.00	6,304.53	96.77	82.16	-94.01	-11.05	3,242.27	1,409.27	1,286.99	122.28	11.525	
8,100.00	6,227.00	10,816.00	6,304.53	96.88	82.16	-94.01	-11.05	3,242.27	1,449.84	1,327.52	122.32	11.852	
8,200.00	6,227.00	10,816.00	6,304.53	97.07	82.16	-94.01	-11.05	3,242.27	1,521.32	1,399.05	122.27	12.442	
8,300.00	6,227.00	10,816.00	6,304.53	97.28	82.16	-94.01	-11.05	3,242.27	1,595.86	1,473.77	122.09	13.071	
8,400.00	6,227.00	10,816.00	6,304.53	97.49	82.16	-94.01	-11.05	3,242.27	1,673.06	1,551.26	121.81	13.735	
8,500.00	6,227.00	10,816.00	6,304.53	97.72	82.16	-94.01	-11.05	3,242.27	1,752.57	1,631.11	121.46	14.429	
8,600.00	6,227.00	10,816.00	6,304.53	97.97	82.16	-94.01	-11.05	3,242.27	1,834.09	1,713.03	121.06	15.150	
8,700.00	6,227.00	10,816.00	6,304.53	98.23	82.16	-94.01	-11.05	3,242.27	1,917.35	1,796.72	120.64	15.894	
8,800.00	6,227.00	10,816.00	6,304.53	98.50	82.16	-94.01	-11.05	3,242.27	2,002.15	1,881.96	120.19	16.658	
8,900.00	6,227.00	10,816.00	6,304.53	98.79	82.16	-94.01	-11.05	3,242.27	2,088.29	1,968.55	119.75	17.439	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE T-P-36HNB - OWB - FINAL SURVEY													Offset Site Error: 0.00 usft	
Survey Program: 510-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		
9,000.00	6,227.00	10,816.00	6,304.53	99.09	82.16	-94.01	-11.05	3,242.27	2,175.62	2,056.32	119.30	18.236		
9,100.00	6,227.00	10,816.00	6,304.53	99.41	82.16	-94.01	-11.05	3,242.27	2,264.00	2,145.14	118.86	19.047		
9,200.00	6,227.00	10,816.00	6,304.53	99.75	82.16	-94.01	-11.05	3,242.27	2,353.31	2,234.88	118.44	19.870		
9,300.00	6,227.00	10,816.00	6,304.53	100.10	82.16	-94.01	-11.05	3,242.27	2,443.45	2,325.43	118.02	20.703		
9,400.00	6,227.00	10,816.00	6,304.53	100.47	82.16	-94.01	-11.05	3,242.27	2,534.32	2,416.70	117.62	21.546		
9,500.00	6,227.00	10,816.00	6,304.53	100.86	82.16	-94.01	-11.05	3,242.27	2,625.87	2,508.63	117.24	22.397		
9,600.00	6,227.00	10,816.00	6,304.53	101.26	82.16	-94.01	-11.05	3,242.27	2,718.00	2,601.13	116.87	23.256		
9,700.00	6,227.00	10,816.00	6,304.53	101.68	82.16	-94.01	-11.05	3,242.27	2,810.68	2,694.15	116.53	24.120		
9,800.00	6,227.00	10,816.00	6,304.53	102.13	82.16	-94.01	-11.05	3,242.27	2,903.84	2,787.64	116.20	24.991		
9,900.00	6,227.00	10,816.00	6,304.53	102.59	82.16	-94.01	-11.05	3,242.27	2,997.44	2,881.56	115.88	25.867		
10,000.00	6,227.00	10,816.00	6,304.53	103.07	82.16	-94.01	-11.05	3,242.27	3,091.44	2,975.86	115.58	26.747		
10,100.00	6,227.00	10,816.00	6,304.53	103.58	82.16	-94.01	-11.05	3,242.27	3,185.81	3,070.51	115.30	27.631		
10,200.00	6,227.00	10,816.00	6,304.53	104.10	82.16	-94.01	-11.05	3,242.27	3,280.51	3,165.48	115.03	28.518		
10,300.00	6,227.00	10,816.00	6,304.53	104.65	82.16	-94.01	-11.05	3,242.27	3,375.51	3,260.74	114.78	29.409		
10,400.00	6,227.00	10,816.00	6,304.53	105.22	82.16	-94.01	-11.05	3,242.27	3,470.80	3,356.26	114.54	30.303		
10,500.00	6,227.00	10,816.00	6,304.53	105.82	82.16	-94.01	-11.05	3,242.27	3,566.35	3,452.04	114.31	31.199		
10,600.00	6,227.00	10,816.00	6,304.53	106.43	82.16	-94.01	-11.05	3,242.27	3,662.13	3,548.03	114.10	32.097		
10,700.00	6,227.00	10,816.00	6,304.53	107.07	82.16	-94.01	-11.05	3,242.27	3,758.13	3,644.24	113.89	32.997		
10,800.00	6,227.00	10,816.00	6,304.53	107.74	82.16	-94.01	-11.05	3,242.27	3,854.34	3,740.64	113.70	33.899		
10,900.00	6,227.00	10,816.00	6,304.53	108.42	82.16	-94.01	-11.05	3,242.27	3,950.73	3,837.21	113.52	34.802		
11,000.00	6,227.00	10,816.00	6,304.53	109.14	82.16	-94.01	-11.05	3,242.27	4,047.30	3,933.96	113.35	35.707		
11,100.00	6,227.00	10,816.00	6,304.53	109.87	82.16	-94.01	-11.05	3,242.27	4,144.04	4,030.85	113.19	36.613		
11,200.00	6,227.00	10,816.00	6,304.53	110.64	82.16	-94.01	-11.05	3,242.27	4,240.92	4,127.89	113.03	37.520		
11,300.00	6,227.00	10,816.00	6,304.53	111.43	82.16	-94.01	-11.05	3,242.27	4,337.94	4,225.06	112.89	38.427		
11,400.00	6,227.00	10,816.00	6,304.53	112.24	82.16	-94.01	-11.05	3,242.27	4,435.10	4,322.35	112.75	39.336		
11,500.00	6,227.00	10,816.00	6,304.53	113.08	82.16	-94.01	-11.05	3,242.27	4,532.38	4,419.76	112.62	40.245		
11,600.00	6,227.00	10,816.00	6,304.53	113.94	82.16	-94.01	-11.05	3,242.27	4,629.78	4,517.28	112.50	41.155		
11,700.00	6,227.00	10,816.00	6,304.53	114.83	82.16	-94.01	-11.05	3,242.27	4,727.28	4,614.90	112.38	42.065		
11,800.00	6,227.00	10,816.00	6,304.53	115.74	82.16	-94.01	-11.05	3,242.27	4,824.89	4,712.62	112.27	42.975		
11,900.00	6,227.00	10,816.00	6,304.53	116.68	82.16	-94.01	-11.05	3,242.27	4,922.60	4,810.43	112.17	43.886		
12,000.00	6,227.00	10,816.00	6,304.53	117.64	82.16	-94.01	-11.05	3,242.27	5,020.39	4,908.32	112.07	44.797		
12,100.00	6,227.00	10,816.00	6,304.53	118.63	82.16	-94.01	-11.05	3,242.27	5,118.27	5,006.29	111.98	45.709		
12,200.00	6,227.00	10,816.00	6,304.53	119.64	82.16	-94.01	-11.05	3,242.27	5,216.23	5,104.34	111.89	46.620		
12,300.00	6,227.00	10,816.00	6,304.53	120.68	82.16	-94.01	-11.05	3,242.27	5,314.27	5,202.46	111.80	47.532		
12,400.00	6,227.00	10,816.00	6,304.53	121.74	82.16	-94.01	-11.05	3,242.27	5,412.37	5,300.65	111.73	48.443		
12,500.00	6,227.00	10,816.00	6,304.53	122.82	82.16	-94.01	-11.05	3,242.27	5,510.55	5,398.90	111.65	49.355		
12,600.00	6,227.00	10,816.00	6,304.53	123.92	82.16	-94.01	-11.05	3,242.27	5,608.79	5,497.21	111.58	50.266		
12,700.00	6,227.00	10,816.00	6,304.53	125.04	82.16	-94.01	-11.05	3,242.27	5,707.09	5,595.58	111.52	51.178		
12,800.00	6,227.00	10,816.00	6,304.53	126.19	82.16	-94.01	-11.05	3,242.27	5,805.45	5,694.00	111.45	52.089		
12,900.00	6,227.00	10,816.00	6,304.53	127.35	82.16	-94.01	-11.05	3,242.27	5,903.86	5,792.47	111.39	53.000		
13,000.00	6,227.00	10,816.00	6,304.53	128.54	82.16	-94.01	-11.05	3,242.27	6,002.33	5,890.99	111.34	53.911		
13,100.00	6,227.00	10,816.00	6,304.53	129.74	82.16	-94.01	-11.05	3,242.27	6,100.85	5,989.56	111.29	54.822		
13,200.00	6,227.00	10,816.00	6,304.53	130.97	82.16	-94.01	-11.05	3,242.27	6,199.41	6,088.18	111.24	55.732		
13,300.00	6,227.00	10,816.00	6,304.53	132.21	82.16	-94.01	-11.05	3,242.27	6,298.02	6,186.83	111.19	56.643		
13,400.00	6,227.00	10,816.00	6,304.53	133.47	82.16	-94.01	-11.05	3,242.27	6,396.67	6,285.53	111.14	57.553		
13,500.00	6,227.00	10,816.00	6,304.53	134.74	82.16	-94.01	-11.05	3,242.27	6,495.37	6,384.27	111.10	58.462		
13,600.00	6,227.00	10,816.00	6,304.53	136.03	82.16	-94.01	-11.05	3,242.27	6,594.10	6,483.04	111.06	59.372		
13,700.00	6,227.00	10,816.00	6,304.53	137.34	82.16	-94.01	-11.05	3,242.27	6,692.87	6,581.84	111.03	60.281		
13,800.00	6,227.00	10,816.00	6,304.53	138.67	82.16	-94.01	-11.05	3,242.27	6,791.68	6,680.69	110.99	61.190		
13,900.00	6,227.00	10,816.00	6,304.53	140.00	82.16	-94.01	-11.05	3,242.27	6,890.52	6,779.56	110.96	62.098		
14,000.00	6,227.00	10,816.00	6,304.53	141.36	82.16	-94.01	-11.05	3,242.27	6,989.40	6,878.46	110.93	63.006		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 510-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	
14,100.00	6,227.00	10,816.00	6,304.53	142.72	82.16	-94.01	-11.05	3,242.27	7,088.30	6,977.40	110.90	63.914	
14,200.00	6,227.00	10,816.00	6,304.53	144.10	82.16	-94.01	-11.05	3,242.27	7,187.24	7,076.36	110.88	64.821	
14,300.00	6,227.00	10,816.00	6,304.53	145.49	82.16	-94.01	-11.05	3,242.27	7,286.20	7,175.35	110.85	65.728	
14,400.00	6,227.00	10,816.00	6,304.53	146.90	82.16	-94.01	-11.05	3,242.27	7,385.20	7,274.36	110.83	66.634	
14,500.00	6,227.00	10,816.00	6,304.53	148.31	82.16	-94.01	-11.05	3,242.27	7,484.22	7,373.40	110.81	67.540	
14,600.00	6,227.00	10,816.00	6,304.53	149.74	82.16	-94.01	-11.05	3,242.27	7,583.26	7,472.47	110.79	68.446	
14,700.00	6,227.00	10,816.00	6,304.53	151.18	82.16	-94.01	-11.05	3,242.27	7,682.33	7,571.56	110.77	69.351	
14,800.00	6,227.00	10,816.00	6,304.53	152.62	82.16	-94.01	-11.05	3,242.27	7,781.42	7,670.67	110.76	70.255	
14,900.00	6,227.00	10,816.00	6,304.53	154.08	82.16	-94.01	-11.05	3,242.27	7,880.54	7,769.80	110.74	71.160	
15,000.00	6,227.00	10,816.00	6,304.53	155.55	82.16	-94.01	-11.05	3,242.27	7,979.68	7,868.95	110.73	72.063	
15,100.00	6,227.00	10,816.00	6,304.53	157.03	82.16	-94.01	-11.05	3,242.27	8,078.84	7,968.12	110.72	72.966	
15,200.00	6,227.00	10,816.00	6,304.53	158.51	82.16	-94.01	-11.05	3,242.27	8,178.02	8,067.31	110.71	73.869	
15,300.00	6,227.00	10,816.00	6,304.53	160.01	82.16	-94.01	-11.05	3,242.27	8,277.22	8,166.52	110.70	74.771	
15,400.00	6,227.00	10,816.00	6,304.53	161.51	82.16	-94.01	-11.05	3,242.27	8,376.44	8,265.75	110.69	75.673	
15,500.00	6,227.00	10,816.00	6,304.53	163.02	82.16	-94.01	-11.05	3,242.27	8,475.68	8,364.99	110.69	76.574	
15,600.00	6,227.00	10,816.00	6,304.53	164.54	82.16	-94.01	-11.05	3,242.27	8,574.93	8,464.25	110.68	77.475	
15,700.00	6,227.00	10,816.00	6,304.53	166.06	82.16	-94.01	-11.05	3,242.27	8,674.21	8,563.53	110.68	78.375	
15,800.00	6,227.00	10,816.00	6,304.53	167.59	82.16	-94.01	-11.05	3,242.27	8,773.50	8,662.82	110.67	79.274	
15,900.00	6,227.00	10,816.00	6,304.53	169.13	82.16	-94.01	-11.05	3,242.27	8,872.80	8,762.13	110.67	80.173	
16,000.00	6,227.00	10,816.00	6,304.53	170.68	82.16	-94.01	-11.05	3,242.27	8,972.12	8,861.45	110.67	81.072	
16,100.00	6,227.00	10,816.00	6,304.53	172.23	82.16	-94.01	-11.05	3,242.27	9,071.46	8,960.79	110.67	81.969	
16,200.00	6,227.00	10,816.00	6,304.53	173.78	82.16	-94.01	-11.05	3,242.27	9,170.81	9,060.14	110.67	82.867	
16,300.00	6,227.00	10,816.00	6,304.53	175.35	82.16	-94.01	-11.05	3,242.27	9,270.17	9,159.50	110.67	83.763	
16,400.00	6,227.00	10,816.00	6,304.53	176.92	82.16	-94.01	-11.05	3,242.27	9,369.55	9,258.87	110.67	84.660	
16,500.00	6,227.00	10,816.00	6,304.53	178.49	82.16	-94.01	-11.05	3,242.27	9,468.94	9,358.26	110.68	85.555	
16,600.00	6,227.00	10,816.00	6,304.53	180.07	82.16	-94.01	-11.05	3,242.27	9,568.34	9,457.66	110.68	86.450	
16,700.00	6,227.00	10,816.00	6,304.53	181.65	82.16	-94.01	-11.05	3,242.27	9,667.76	9,557.07	110.69	87.344	
16,800.00	6,227.00	10,816.00	6,304.53	183.24	82.16	-94.01	-11.05	3,242.27	9,767.18	9,656.49	110.69	88.238	
16,900.00	6,227.00	10,816.00	6,304.53	184.84	82.16	-94.01	-11.05	3,242.27	9,866.62	9,755.93	110.70	89.131	
17,000.00	6,227.00	10,816.00	6,304.53	186.43	82.16	-94.01	-11.05	3,242.27	9,966.07	9,855.37	110.71	90.024	
17,100.00	6,227.00	10,816.00	6,304.53	188.04	82.16	-94.01	-11.05	3,242.27	10,065.53	9,954.82	110.71	90.916	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE Y44-U41-36HNC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 513-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	4.93	4.93	0.00	0.01	141.96	-4,355.44	3,407.72	5,530.13				
100.00	100.00	103.52	103.52	0.27	0.18	141.96	-4,355.48	3,407.69	5,530.15	5,529.70	0.45	N/A	
200.00	199.98	202.09	202.09	0.62	0.35	57.33	-4,355.60	3,407.59	5,529.24	5,528.27	0.97	5,681.981	
300.00	299.84	300.53	300.53	0.99	0.52	57.42	-4,355.80	3,407.44	5,526.49	5,524.98	1.50	3,675.264	
400.00	399.45	398.71	398.71	1.36	0.69	57.58	-4,356.08	3,407.23	5,521.88	5,519.84	2.05	2,699.692	
500.00	498.70	496.51	496.50	1.75	0.86	57.80	-4,356.44	3,406.96	5,515.45	5,512.85	2.60	2,120.321	
600.00	597.47	513.00	513.00	2.18	0.89	57.95	-4,356.51	3,406.90	5,507.82	5,504.78	3.03	1,815.184	
700.00	695.62	513.00	513.00	2.63	0.89	58.08	-4,356.51	3,406.90	5,500.12	5,496.65	3.47	1,587.282	
800.00	793.06	556.81	556.80	3.12	1.05	58.31	-4,357.21	3,407.61	5,491.28	5,487.20	4.08	1,346.018	
900.00	889.64	604.00	603.86	3.66	1.22	58.56	-4,359.15	3,410.27	5,483.19	5,478.46	4.74	1,157.595	
1,000.00	985.27	604.00	603.86	4.25	1.22	58.72	-4,359.15	3,410.27	5,473.82	5,468.55	5.27	1,038.708	
1,100.00	1,079.82	604.00	603.86	4.89	1.22	58.88	-4,359.15	3,410.27	5,464.45	5,458.60	5.85	934.462	
1,200.00	1,173.17	664.65	664.23	5.58	1.44	59.23	-4,362.50	3,415.11	5,454.60	5,447.92	6.68	815.997	
1,300.00	1,265.21	738.28	737.47	6.34	1.70	59.66	-4,366.72	3,421.38	5,443.62	5,436.00	7.62	713.986	
1,400.00	1,355.84	787.00	785.92	7.16	1.88	60.04	-4,369.54	3,425.67	5,431.44	5,422.91	8.53	636.693	
1,500.00	1,444.94	834.57	833.19	8.05	2.07	60.44	-4,372.69	3,429.98	5,418.53	5,409.03	9.50	570.439	
1,600.00	1,532.39	879.00	877.27	9.02	2.24	60.87	-4,376.32	3,434.14	5,405.22	5,394.70	10.52	513.888	
1,700.00	1,618.11	974.48	971.97	10.05	2.63	61.56	-4,384.46	3,443.24	5,391.03	5,379.23	11.80	456.892	
1,800.00	1,701.97	1,002.34	999.59	11.16	2.74	61.97	-4,386.85	3,446.02	5,375.74	5,362.84	12.90	416.723	
1,900.00	1,783.88	1,032.56	1,029.50	12.35	2.87	62.41	-4,389.64	3,449.27	5,360.16	5,346.07	14.08	380.648	
2,000.00	1,863.74	1,063.00	1,059.58	13.61	3.00	62.86	-4,392.68	3,452.79	5,344.31	5,328.97	15.34	348.421	
2,100.00	1,941.45	1,154.00	1,149.49	14.95	3.39	63.68	-4,401.72	3,463.58	5,327.49	5,310.57	16.91	314.971	
2,112.50	1,951.01	1,154.00	1,149.49	15.12	3.39	63.72	-4,401.72	3,463.58	5,325.35	5,308.28	17.07	311.935	
2,200.00	2,017.79	1,205.29	1,200.12	16.35	3.61	64.03	-4,406.75	3,469.97	5,310.54	5,292.14	18.39	288.736	
2,300.00	2,094.11	1,245.00	1,239.25	17.76	3.78	64.26	-4,410.83	3,475.42	5,294.88	5,275.04	19.85	266.769	
2,400.00	2,170.44	1,511.85	1,502.46	19.17	4.97	65.83	-4,435.99	3,511.20	5,279.94	5,257.69	22.25	237.286	
2,500.00	2,246.76	1,567.50	1,557.48	20.60	5.21	66.16	-4,439.98	3,518.55	5,262.93	5,239.11	23.82	220.959	
2,600.00	2,323.08	10,918.00	6,370.89	22.03	82.74	111.00	-2.77	4,234.86	5,185.48	5,123.28	62.20	83.368	
2,700.00	2,399.41	10,918.00	6,370.89	23.47	82.74	111.00	-2.77	4,234.86	5,085.82	5,023.51	62.31	81.623	
2,800.00	2,475.73	10,918.00	6,370.89	24.91	82.74	111.00	-2.77	4,234.86	4,986.18	4,923.75	62.42	79.875	
2,900.00	2,552.05	10,918.00	6,370.89	26.36	82.74	111.00	-2.77	4,234.86	4,886.55	4,824.00	62.55	78.126	
3,000.00	2,628.38	10,918.00	6,370.89	27.80	82.74	111.00	-2.77	4,234.86	4,786.93	4,724.26	62.68	76.375	
3,100.00	2,704.70	10,918.00	6,370.89	29.25	82.74	111.00	-2.77	4,234.86	4,687.34	4,624.52	62.81	74.622	
3,200.00	2,781.02	10,918.00	6,370.89	30.71	82.74	111.00	-2.77	4,234.86	4,587.76	4,524.80	62.96	72.869	
3,300.00	2,857.35	10,918.00	6,370.89	32.16	82.74	111.00	-2.77	4,234.86	4,488.20	4,425.09	63.11	71.115	
3,400.00	2,933.67	10,918.00	6,370.89	33.62	82.74	111.00	-2.77	4,234.86	4,388.66	4,325.38	63.27	69.361	
3,500.00	3,009.99	10,918.00	6,370.89	35.07	82.74	111.00	-2.77	4,234.86	4,289.14	4,225.70	63.44	67.607	
3,600.00	3,086.31	10,918.00	6,370.89	36.53	82.74	111.00	-2.77	4,234.86	4,189.64	4,126.02	63.62	65.854	
3,700.00	3,162.64	10,918.00	6,370.89	37.99	82.74	111.00	-2.77	4,234.86	4,090.17	4,026.36	63.81	64.101	
3,800.00	3,238.96	10,918.00	6,370.89	39.45	82.74	111.00	-2.77	4,234.86	3,990.72	3,926.72	64.01	62.349	
3,900.00	3,315.28	10,918.00	6,370.89	40.91	82.74	111.00	-2.77	4,234.86	3,891.31	3,827.09	64.21	60.599	
4,000.00	3,391.61	10,918.00	6,370.89	42.37	82.74	111.00	-2.77	4,234.86	3,791.92	3,727.49	64.43	58.850	
4,100.00	3,467.93	10,918.00	6,370.89	43.84	82.74	111.00	-2.77	4,234.86	3,692.57	3,627.90	64.67	57.103	
4,200.00	3,544.25	10,918.00	6,370.89	45.30	82.74	111.00	-2.77	4,234.86	3,593.25	3,528.34	64.91	55.358	
4,300.00	3,620.58	10,918.00	6,370.89	46.76	82.74	111.00	-2.77	4,234.86	3,493.97	3,428.81	65.17	53.616	
4,400.00	3,696.90	10,918.00	6,370.89	48.23	82.74	111.00	-2.77	4,234.86	3,394.74	3,329.30	65.44	51.876	
4,500.00	3,773.22	10,918.00	6,370.89	49.69	82.74	111.00	-2.77	4,234.86	3,295.55	3,229.82	65.73	50.140	
4,600.00	3,849.55	10,918.00	6,370.89	51.16	82.74	111.00	-2.77	4,234.86	3,196.41	3,130.37	66.03	48.406	
4,700.00	3,925.87	10,918.00	6,370.89	52.62	82.74	111.00	-2.77	4,234.86	3,097.32	3,030.97	66.36	46.677	
4,800.00	4,002.19	10,918.00	6,370.89	54.09	82.74	111.00	-2.77	4,234.86	2,998.30	2,931.60	66.70	44.951	
4,900.00	4,078.51	10,918.00	6,370.89	55.56	82.74	111.00	-2.77	4,234.86	2,899.34	2,832.28	67.07	43.229	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE Y44-U41-36HNC - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 513-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		
5,000.00	4,154.84	10,918.00	6,370.89	57.02	82.74	111.00	-2.77	4,234.86	2,800.46	2,733.00	67.46	41.512		
5,100.00	4,231.16	10,918.00	6,370.89	58.49	82.74	111.00	-2.77	4,234.86	2,701.66	2,633.78	67.88	39.800		
5,200.00	4,307.48	10,918.00	6,370.89	59.96	82.74	111.00	-2.77	4,234.86	2,602.96	2,534.63	68.33	38.094		
5,300.00	4,383.81	10,918.00	6,370.89	61.43	82.74	111.00	-2.77	4,234.86	2,504.35	2,435.54	68.81	36.393		
5,400.00	4,460.13	10,918.00	6,370.89	62.89	82.74	111.00	-2.77	4,234.86	2,405.86	2,336.53	69.34	34.699		
5,500.00	4,536.45	10,918.00	6,370.89	64.36	82.74	111.00	-2.77	4,234.86	2,307.50	2,237.60	69.90	33.012		
5,600.00	4,612.78	10,918.00	6,370.89	65.83	82.74	111.00	-2.77	4,234.86	2,209.29	2,138.78	70.51	31.333		
5,700.00	4,689.10	10,918.00	6,370.89	67.30	82.74	111.00	-2.77	4,234.86	2,111.24	2,040.07	71.18	29.662		
5,800.00	4,765.42	10,918.00	6,370.89	68.77	82.74	111.00	-2.77	4,234.86	2,013.39	1,941.49	71.90	28.002		
5,900.00	4,841.75	10,918.00	6,370.89	70.24	82.74	111.00	-2.77	4,234.86	1,915.76	1,843.06	72.70	26.352		
6,000.00	4,918.07	10,918.00	6,370.89	71.70	82.74	111.00	-2.77	4,234.86	1,818.38	1,744.81	73.58	24.714		
6,100.00	4,994.39	10,918.00	6,370.89	73.17	82.74	111.00	-2.77	4,234.86	1,721.31	1,646.76	74.55	23.090		
6,200.00	5,070.72	10,918.00	6,370.89	74.64	82.74	111.00	-2.77	4,234.86	1,624.59	1,548.97	75.62	21.482		
6,300.00	5,147.04	10,918.00	6,370.89	76.11	82.74	111.00	-2.77	4,234.86	1,528.30	1,451.47	76.83	19.893		
6,400.00	5,223.36	10,918.00	6,370.89	77.58	82.74	111.00	-2.77	4,234.86	1,432.51	1,354.34	78.17	18.324		
6,500.00	5,299.68	10,918.00	6,370.89	79.05	82.74	111.00	-2.77	4,234.86	1,337.34	1,257.65	79.69	16.781		
6,600.00	5,376.01	10,918.00	6,370.89	80.52	82.74	111.00	-2.77	4,234.86	1,242.93	1,161.51	81.42	15.266		
6,700.00	5,452.33	10,918.00	6,370.89	81.99	82.74	111.00	-2.77	4,234.86	1,149.46	1,066.09	83.38	13.786		
6,800.00	5,528.65	10,918.00	6,370.89	83.46	82.74	111.00	-2.77	4,234.86	1,057.20	971.58	85.62	12.348		
6,900.00	5,604.98	10,918.00	6,370.89	84.93	82.74	111.00	-2.77	4,234.86	966.46	878.27	88.19	10.959		
7,000.00	5,681.30	10,918.00	6,370.89	86.40	82.74	111.00	-2.77	4,234.86	877.75	786.61	91.15	9.630		
7,100.00	5,757.62	10,918.00	6,370.89	87.87	82.74	111.00	-2.77	4,234.86	791.73	697.21	94.52	8.376		
7,176.71	5,816.17	10,918.00	6,370.89	89.00	82.74	111.00	-2.77	4,234.86	728.17	630.76	97.41	7.475		
7,200.00	5,833.92	10,918.00	6,370.89	89.34	82.74	112.87	-2.77	4,234.86	709.67	611.29	98.38	7.214		
7,250.00	5,871.73	10,918.00	6,370.89	90.07	82.74	117.15	-2.77	4,234.86	673.03	572.30	100.73	6.682		
7,300.00	5,908.91	10,918.00	6,370.89	90.78	82.74	121.52	-2.77	4,234.86	641.44	538.04	103.40	6.204		
7,350.00	5,945.18	10,918.00	6,370.89	91.48	82.74	125.78	-2.77	4,234.86	615.93	509.68	106.24	5.797		
7,400.00	5,980.26	10,918.00	6,370.89	92.14	82.74	129.80	-2.77	4,234.86	597.48	488.42	109.07	5.478		
7,450.00	6,013.88	10,918.00	6,370.89	92.77	82.74	133.52	-2.77	4,234.86	586.91	475.25	111.66	5.256		
7,487.81	6,038.19	10,918.00	6,370.89	93.21	82.74	136.14	-2.77	4,234.86	584.47	471.12	113.35	5.156 CC		
7,500.00	6,045.79	10,918.00	6,370.89	93.36	82.74	136.95	-2.77	4,234.86	584.73	470.88	113.84	5.136 ES		
7,550.00	6,075.75	10,918.00	6,370.89	93.90	82.74	140.10	-2.77	4,234.86	591.04	475.50	115.53	5.116 SF		
7,600.00	6,103.52	10,918.00	6,370.89	94.40	82.74	143.02	-2.77	4,234.86	605.53	488.79	116.74	5.187		
7,650.00	6,128.89	10,918.00	6,370.89	94.85	82.74	145.77	-2.77	4,234.86	627.53	509.99	117.54	5.339		
7,700.00	6,151.68	10,918.00	6,370.89	95.25	82.74	148.44	-2.77	4,234.86	656.13	538.09	118.04	5.559		
7,750.00	6,171.71	10,918.00	6,370.89	95.60	82.74	151.16	-2.77	4,234.86	690.31	571.96	118.35	5.833		
7,800.00	6,188.82	10,918.00	6,370.89	95.91	82.74	154.10	-2.77	4,234.86	729.04	610.50	118.54	6.150		
7,850.00	6,202.89	10,918.00	6,370.89	96.16	82.74	157.57	-2.77	4,234.86	771.37	652.70	118.67	6.500		
7,900.00	6,213.81	10,918.00	6,370.89	96.38	82.74	162.09	-2.77	4,234.86	816.43	697.67	118.77	6.874		
7,950.00	6,221.49	10,918.00	6,370.89	96.55	82.74	168.78	-2.77	4,234.86	863.50	744.64	118.86	7.265		
8,000.00	6,225.88	10,918.00	6,370.89	96.69	82.74	-179.75	-2.77	4,234.86	911.92	792.96	118.96	7.666		
8,040.96	6,227.00	10,918.00	6,370.89	96.77	82.74	-162.69	-2.77	4,234.86	952.22	833.16	119.06	7.998		
8,100.00	6,227.00	10,918.00	6,370.89	96.88	82.74	-162.69	-2.77	4,234.86	1,010.61	891.40	119.21	8.478		
8,200.00	6,227.00	10,918.00	6,370.89	97.07	82.74	-162.69	-2.77	4,234.86	1,109.66	990.24	119.42	9.292		
8,300.00	6,227.00	10,918.00	6,370.89	97.28	82.74	-162.69	-2.77	4,234.86	1,208.87	1,089.27	119.59	10.108		
8,400.00	6,227.00	10,918.00	6,370.89	97.49	82.74	-162.69	-2.77	4,234.86	1,308.19	1,188.46	119.74	10.925		
8,500.00	6,227.00	10,918.00	6,370.89	97.72	82.74	-162.69	-2.77	4,234.86	1,407.62	1,287.76	119.86	11.744		
8,600.00	6,227.00	10,918.00	6,370.89	97.97	82.74	-162.69	-2.77	4,234.86	1,507.12	1,387.15	119.97	12.563		
8,700.00	6,227.00	10,918.00	6,370.89	98.23	82.74	-162.69	-2.77	4,234.86	1,606.68	1,486.62	120.06	13.382		
8,800.00	6,227.00	10,918.00	6,370.89	98.50	82.74	-162.69	-2.77	4,234.86	1,706.29	1,586.15	120.14	14.202		
8,900.00	6,227.00	10,918.00	6,370.89	98.79	82.74	-162.69	-2.77	4,234.86	1,805.95	1,685.73	120.22	15.022		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE Y44-U41-36HNC - OWB - FINAL SURVEY													Offset Site Error: 0.00 usft			
Survey Program: 513-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				
9,000.00	6,227.00	10,918.00	6,370.89	99.09	82.74	-162.69	-2.77	4,234.86	1,905.64	1,785.36	120.28	15.843				
9,100.00	6,227.00	10,918.00	6,370.89	99.41	82.74	-162.69	-2.77	4,234.86	2,005.36	1,885.02	120.34	16.664				
9,200.00	6,227.00	10,918.00	6,370.89	99.75	82.74	-162.69	-2.77	4,234.86	2,105.11	1,984.72	120.40	17.485				
9,300.00	6,227.00	10,918.00	6,370.89	100.10	82.74	-162.69	-2.77	4,234.86	2,204.88	2,084.44	120.45	18.306				
9,400.00	6,227.00	10,918.00	6,370.89	100.47	82.74	-162.69	-2.77	4,234.86	2,304.68	2,184.18	120.49	19.127				
9,500.00	6,227.00	10,918.00	6,370.89	100.86	82.74	-162.69	-2.77	4,234.86	2,404.49	2,283.95	120.53	19.949				
9,600.00	6,227.00	10,918.00	6,370.89	101.26	82.74	-162.69	-2.77	4,234.86	2,504.31	2,383.74	120.57	20.770				
9,700.00	6,227.00	10,918.00	6,370.89	101.68	82.74	-162.69	-2.77	4,234.86	2,604.15	2,483.54	120.61	21.591				
9,800.00	6,227.00	10,918.00	6,370.89	102.13	82.74	-162.69	-2.77	4,234.86	2,704.00	2,583.35	120.64	22.413				
9,900.00	6,227.00	10,918.00	6,370.89	102.59	82.74	-162.69	-2.77	4,234.86	2,803.86	2,683.18	120.68	23.234				
10,000.00	6,227.00	10,918.00	6,370.89	103.07	82.74	-162.69	-2.77	4,234.86	2,903.73	2,783.02	120.71	24.056				
10,100.00	6,227.00	10,918.00	6,370.89	103.58	82.74	-162.69	-2.77	4,234.86	3,003.61	2,882.87	120.74	24.877				
10,200.00	6,227.00	10,918.00	6,370.89	104.10	82.74	-162.69	-2.77	4,234.86	3,103.49	2,982.73	120.77	25.698				
10,300.00	6,227.00	10,918.00	6,370.89	104.65	82.74	-162.69	-2.77	4,234.86	3,203.39	3,082.59	120.79	26.519				
10,400.00	6,227.00	10,918.00	6,370.89	105.22	82.74	-162.69	-2.77	4,234.86	3,303.29	3,182.47	120.82	27.341				
10,500.00	6,227.00	10,918.00	6,370.89	105.82	82.74	-162.69	-2.77	4,234.86	3,403.19	3,282.35	120.84	28.162				
10,600.00	6,227.00	10,918.00	6,370.89	106.43	82.74	-162.69	-2.77	4,234.86	3,503.10	3,382.23	120.87	28.983				
10,700.00	6,227.00	10,918.00	6,370.89	107.07	82.74	-162.69	-2.77	4,234.86	3,603.02	3,482.13	120.89	29.803				
10,800.00	6,227.00	10,918.00	6,370.89	107.74	82.74	-162.69	-2.77	4,234.86	3,702.94	3,582.02	120.92	30.624				
10,900.00	6,227.00	10,918.00	6,370.89	108.42	82.74	-162.69	-2.77	4,234.86	3,802.86	3,681.93	120.94	31.445				
11,000.00	6,227.00	10,918.00	6,370.89	109.14	82.74	-162.69	-2.77	4,234.86	3,902.79	3,781.83	120.96	32.265				
11,100.00	6,227.00	10,918.00	6,370.89	109.87	82.74	-162.69	-2.77	4,234.86	4,002.72	3,881.74	120.98	33.085				
11,200.00	6,227.00	10,918.00	6,370.89	110.64	82.74	-162.69	-2.77	4,234.86	4,102.66	3,981.66	121.00	33.905				
11,300.00	6,227.00	10,918.00	6,370.89	111.43	82.74	-162.69	-2.77	4,234.86	4,202.60	4,081.58	121.02	34.725				
11,400.00	6,227.00	10,918.00	6,370.89	112.24	82.74	-162.69	-2.77	4,234.86	4,302.54	4,181.50	121.04	35.545				
11,500.00	6,227.00	10,918.00	6,370.89	113.08	82.74	-162.69	-2.77	4,234.86	4,402.48	4,281.42	121.06	36.365				
11,600.00	6,227.00	10,918.00	6,370.89	113.94	82.74	-162.69	-2.77	4,234.86	4,502.43	4,381.35	121.08	37.184				
11,700.00	6,227.00	10,918.00	6,370.89	114.83	82.74	-162.69	-2.77	4,234.86	4,602.38	4,481.28	121.10	38.004				
11,800.00	6,227.00	10,918.00	6,370.89	115.74	82.74	-162.69	-2.77	4,234.86	4,702.33	4,581.21	121.12	38.823				
11,900.00	6,227.00	10,918.00	6,370.89	116.68	82.74	-162.69	-2.77	4,234.86	4,802.28	4,681.14	121.14	39.642				
12,000.00	6,227.00	10,918.00	6,370.89	117.64	82.74	-162.69	-2.77	4,234.86	4,902.24	4,781.08	121.16	40.460				
12,100.00	6,227.00	10,918.00	6,370.89	118.63	82.74	-162.69	-2.77	4,234.86	5,002.20	4,881.01	121.18	41.279				
12,200.00	6,227.00	10,918.00	6,370.89	119.64	82.74	-162.69	-2.77	4,234.86	5,102.15	4,980.95	121.20	42.097				
12,300.00	6,227.00	10,918.00	6,370.89	120.68	82.74	-162.69	-2.77	4,234.86	5,202.11	5,080.90	121.22	42.915				
12,400.00	6,227.00	10,918.00	6,370.89	121.74	82.74	-162.69	-2.77	4,234.86	5,302.08	5,180.84	121.24	43.733				
12,500.00	6,227.00	10,918.00	6,370.89	122.82	82.74	-162.69	-2.77	4,234.86	5,402.04	5,280.78	121.26	44.550				
12,600.00	6,227.00	10,918.00	6,370.89	123.92	82.74	-162.69	-2.77	4,234.86	5,502.00	5,380.73	121.28	45.368				
12,700.00	6,227.00	10,918.00	6,370.89	125.04	82.74	-162.69	-2.77	4,234.86	5,601.97	5,480.67	121.29	46.185				
12,800.00	6,227.00	10,918.00	6,370.89	126.19	82.74	-162.69	-2.77	4,234.86	5,701.94	5,580.62	121.31	47.002				
12,900.00	6,227.00	10,918.00	6,370.89	127.35	82.74	-162.69	-2.77	4,234.86	5,801.90	5,680.57	121.33	47.818				
13,000.00	6,227.00	10,918.00	6,370.89	128.54	82.74	-162.69	-2.77	4,234.86	5,901.87	5,780.52	121.35	48.635				
13,100.00	6,227.00	10,918.00	6,370.89	129.74	82.74	-162.69	-2.77	4,234.86	6,001.84	5,880.47	121.37	49.451				
13,200.00	6,227.00	10,918.00	6,370.89	130.97	82.74	-162.69	-2.77	4,234.86	6,101.81	5,980.43	121.39	50.266				
13,300.00	6,227.00	10,918.00	6,370.89	132.21	82.74	-162.69	-2.77	4,234.86	6,201.79	6,080.38	121.41	51.082				
13,400.00	6,227.00	10,918.00	6,370.89	133.47	82.74	-162.69	-2.77	4,234.86	6,301.76	6,180.33	121.43	51.897				
13,500.00	6,227.00	10,918.00	6,370.89	134.74	82.74	-162.69	-2.77	4,234.86	6,401.73	6,280.29	121.45	52.712				
13,600.00	6,227.00	10,918.00	6,370.89	136.03	82.74	-162.69	-2.77	4,234.86	6,501.71	6,380.24	121.47	53.527				
13,700.00	6,227.00	10,918.00	6,370.89	137.34	82.74	-162.69	-2.77	4,234.86	6,601.68	6,480.20	121.49	54.341				
13,800.00	6,227.00	10,918.00	6,370.89	138.67	82.74	-162.69	-2.77	4,234.86	6,701.66	6,580.15	121.50	55.155				
13,900.00	6,227.00	10,918.00	6,370.89	140.00	82.74	-162.69	-2.77	4,234.86	6,801.64	6,680.11	121.52	55.969				
14,000.00	6,227.00	10,918.00	6,370.89	141.36	82.74	-162.69	-2.77	4,234.86	6,901.61	6,780.07	121.54	56.783				

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 513-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	
14,100.00	6,227.00	10,918.00	6,370.89	142.72	82.74	-162.69	-2.77	4,234.86	7,001.59	6,880.03	121.56	57.596	
14,200.00	6,227.00	10,918.00	6,370.89	144.10	82.74	-162.69	-2.77	4,234.86	7,101.57	6,979.99	121.58	58.409	
14,300.00	6,227.00	10,918.00	6,370.89	145.49	82.74	-162.69	-2.77	4,234.86	7,201.55	7,079.95	121.60	59.222	
14,400.00	6,227.00	10,918.00	6,370.89	146.90	82.74	-162.69	-2.77	4,234.86	7,301.53	7,179.91	121.62	60.034	
14,500.00	6,227.00	10,918.00	6,370.89	148.31	82.74	-162.69	-2.77	4,234.86	7,401.51	7,279.87	121.64	60.846	
14,600.00	6,227.00	10,918.00	6,370.89	149.74	82.74	-162.69	-2.77	4,234.86	7,501.49	7,379.83	121.66	61.657	
14,700.00	6,227.00	10,918.00	6,370.89	151.18	82.74	-162.69	-2.77	4,234.86	7,601.47	7,479.79	121.68	62.469	
14,800.00	6,227.00	10,918.00	6,370.89	152.62	82.74	-162.69	-2.77	4,234.86	7,701.45	7,579.75	121.71	63.279	
14,900.00	6,227.00	10,918.00	6,370.89	154.08	82.74	-162.69	-2.77	4,234.86	7,801.44	7,679.71	121.73	64.090	
15,000.00	6,227.00	10,918.00	6,370.89	155.55	82.74	-162.69	-2.77	4,234.86	7,901.42	7,779.67	121.75	64.900	
15,100.00	6,227.00	10,918.00	6,370.89	157.03	82.74	-162.69	-2.77	4,234.86	8,001.40	7,879.63	121.77	65.710	
15,200.00	6,227.00	10,918.00	6,370.89	158.51	82.74	-162.69	-2.77	4,234.86	8,101.39	7,979.60	121.79	66.520	
15,300.00	6,227.00	10,918.00	6,370.89	160.01	82.74	-162.69	-2.77	4,234.86	8,201.37	8,079.56	121.81	67.329	
15,400.00	6,227.00	10,918.00	6,370.89	161.51	82.74	-162.69	-2.77	4,234.86	8,301.35	8,179.52	121.83	68.138	
15,500.00	6,227.00	10,918.00	6,370.89	163.02	82.74	-162.69	-2.77	4,234.86	8,401.34	8,279.49	121.85	68.946	
15,600.00	6,227.00	10,918.00	6,370.89	164.54	82.74	-162.69	-2.77	4,234.86	8,501.32	8,379.45	121.88	69.754	
15,700.00	6,227.00	10,918.00	6,370.89	166.06	82.74	-162.69	-2.77	4,234.86	8,601.31	8,479.41	121.90	70.562	
15,800.00	6,227.00	10,918.00	6,370.89	167.59	82.74	-162.69	-2.77	4,234.86	8,701.30	8,579.38	121.92	71.369	
15,900.00	6,227.00	10,918.00	6,370.89	169.13	82.74	-162.69	-2.77	4,234.86	8,801.28	8,679.34	121.94	72.176	
16,000.00	6,227.00	10,918.00	6,370.89	170.68	82.74	-162.69	-2.77	4,234.86	8,901.27	8,779.30	121.96	72.982	
16,100.00	6,227.00	10,918.00	6,370.89	172.23	82.74	-162.69	-2.77	4,234.86	9,001.26	8,879.27	121.99	73.788	
16,200.00	6,227.00	10,918.00	6,370.89	173.78	82.74	-162.69	-2.77	4,234.86	9,101.24	8,979.23	122.01	74.594	
16,300.00	6,227.00	10,918.00	6,370.89	175.35	82.74	-162.69	-2.77	4,234.86	9,201.23	9,079.20	122.03	75.399	
16,400.00	6,227.00	10,918.00	6,370.89	176.92	82.74	-162.69	-2.77	4,234.86	9,301.22	9,179.16	122.06	76.204	
16,500.00	6,227.00	10,918.00	6,370.89	178.49	82.74	-162.69	-2.77	4,234.86	9,401.21	9,279.13	122.08	77.009	
16,600.00	6,227.00	10,918.00	6,370.89	180.07	82.74	-162.69	-2.77	4,234.86	9,501.19	9,379.09	122.10	77.813	
16,700.00	6,227.00	10,918.00	6,370.89	181.65	82.74	-162.69	-2.77	4,234.86	9,601.18	9,479.06	122.13	78.616	
16,800.00	6,227.00	10,918.00	6,370.89	183.24	82.74	-162.69	-2.77	4,234.86	9,701.17	9,579.02	122.15	79.420	
16,900.00	6,227.00	10,918.00	6,370.89	184.84	82.74	-162.69	-2.77	4,234.86	9,801.16	9,678.98	122.17	80.222	
17,000.00	6,227.00	10,918.00	6,370.89	186.43	82.74	-162.69	-2.77	4,234.86	9,901.15	9,778.95	122.20	81.025	
17,100.00	6,227.00	10,918.00	6,370.89	188.04	82.74	-162.69	-2.77	4,234.86	10,001.14	9,878.91	122.22	81.827	
17,200.00	6,227.00	10,918.00	6,370.89	189.64	82.74	-162.69	-2.77	4,234.86	10,101.13	9,978.88	122.25	82.628	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE Y-U-36HC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 103-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
100.00	100.00	94.73	94.73	0.27	0.15	141.32	-4,253.47	3,404.99	5,448.48	5,448.07	0.42	N/A	
200.00	199.98	177.70	177.70	0.62	0.43	56.68	-4,253.65	3,405.14	5,447.82	5,446.76	1.05	5,182.167	
300.00	299.84	273.47	273.47	0.99	0.77	56.77	-4,254.14	3,405.25	5,445.41	5,443.66	1.75	3,108.463	
400.00	399.45	352.05	352.04	1.36	1.05	56.90	-4,254.77	3,405.38	5,441.36	5,438.95	2.40	2,264.299	
500.00	498.70	446.87	446.86	1.75	1.39	57.10	-4,255.85	3,405.61	5,435.73	5,432.60	3.13	1,737.852	
600.00	597.47	511.11	511.09	2.18	1.62	57.32	-4,256.65	3,405.74	5,428.37	5,424.61	3.76	1,443.092	
700.00	695.62	575.00	574.96	2.63	1.85	57.57	-4,257.63	3,407.00	5,420.24	5,415.82	4.42	1,226.947	
800.00	793.06	575.00	574.96	3.12	1.85	57.72	-4,257.63	3,407.00	5,411.20	5,406.32	4.87	1,110.031	
900.00	889.64	630.98	630.89	3.66	2.05	58.00	-4,258.70	3,409.30	5,401.38	5,395.82	5.57	970.456	
1,000.00	985.27	668.00	667.83	4.25	2.18	58.27	-4,259.54	3,411.46	5,390.95	5,384.73	6.23	865.645	
1,100.00	1,079.82	704.47	704.19	4.89	2.32	58.55	-4,260.47	3,414.14	5,379.88	5,372.94	6.93	776.039	
1,200.00	1,173.17	761.00	760.45	5.58	2.52	58.91	-4,262.08	3,419.41	5,368.29	5,360.54	7.76	692.086	
1,300.00	1,265.21	761.00	760.45	6.34	2.52	59.12	-4,262.08	3,419.41	5,355.96	5,347.53	8.43	635.371	
1,400.00	1,355.84	805.07	804.22	7.16	2.69	59.48	-4,263.72	3,424.27	5,343.13	5,333.81	9.32	573.264	
1,500.00	1,444.94	855.00	853.72	8.05	2.88	59.90	-4,266.31	3,430.28	5,329.98	5,319.69	10.29	517.863	
1,600.00	1,532.39	855.00	853.72	9.02	2.88	60.14	-4,266.31	3,430.28	5,316.24	5,305.10	11.14	477.115	
1,700.00	1,618.11	910.47	908.62	10.05	3.10	60.62	-4,270.11	3,437.19	5,301.97	5,289.70	12.27	432.138	
1,800.00	1,701.97	948.00	945.74	11.16	3.25	61.06	-4,273.23	3,441.81	5,287.22	5,273.82	13.40	394.667	
1,900.00	1,783.88	980.69	978.01	12.35	3.39	61.49	-4,276.21	3,446.03	5,272.06	5,257.48	14.58	361.571	
2,000.00	1,863.74	1,039.00	1,035.41	13.61	3.63	62.08	-4,281.84	3,454.67	5,256.80	5,240.86	15.94	329.791	
2,100.00	1,941.45	1,039.00	1,035.41	14.95	3.63	62.36	-4,281.84	3,454.67	5,240.87	5,223.73	17.14	305.692	
2,112.50	1,951.01	1,039.00	1,035.41	15.12	3.63	62.40	-4,281.84	3,454.67	5,238.90	5,221.60	17.30	302.826	
2,200.00	2,017.79	1,099.52	1,094.78	16.35	3.90	62.74	-4,287.99	3,464.61	5,225.26	5,206.61	18.65	280.141	
2,300.00	2,094.11	1,176.71	1,170.36	17.76	4.25	63.17	-4,295.69	3,478.25	5,210.56	5,190.31	20.25	257.282	
2,400.00	2,170.44	1,634.78	1,617.81	19.17	6.40	65.48	-4,310.89	3,574.09	5,191.92	5,168.37	23.55	220.471	
2,500.00	2,246.76	1,688.00	1,669.88	20.60	6.65	65.75	-4,311.14	3,585.05	5,172.21	5,147.08	25.12	205.860	
2,600.00	2,323.08	1,726.54	1,707.51	22.03	6.83	65.94	-4,311.46	3,593.35	5,153.52	5,126.87	26.66	193.335	
2,700.00	2,399.41	1,773.00	1,752.83	23.47	7.06	66.17	-4,311.85	3,603.58	5,135.72	5,107.48	28.24	181.888	
2,800.00	2,475.73	1,816.42	1,795.14	24.91	7.28	66.38	-4,312.52	3,613.33	5,119.03	5,089.22	29.82	171.687	
2,900.00	2,552.05	1,858.00	1,835.61	26.36	7.49	66.59	-4,313.77	3,622.79	5,103.72	5,072.33	31.40	162.547	
3,000.00	2,628.38	10,918.00	6,467.11	27.80	82.06	86.59	2.85	4,551.62	5,065.05	5,002.13	62.92	80.500	
3,100.00	2,704.70	10,918.00	6,467.11	29.25	82.06	86.59	2.85	4,551.62	4,965.40	4,902.30	63.10	78.691	
3,200.00	2,781.02	10,918.00	6,467.11	30.71	82.06	86.59	2.85	4,551.62	4,865.77	4,802.48	63.29	76.882	
3,300.00	2,857.35	10,918.00	6,467.11	32.16	82.06	86.59	2.85	4,551.62	4,766.16	4,702.67	63.49	75.074	
3,400.00	2,933.67	10,918.00	6,467.11	33.62	82.06	86.59	2.85	4,551.62	4,666.56	4,602.86	63.69	73.266	
3,500.00	3,009.99	10,918.00	6,467.11	35.07	82.06	86.59	2.85	4,551.62	4,566.97	4,503.06	63.91	71.459	
3,600.00	3,086.31	10,918.00	6,467.11	36.53	82.06	86.59	2.85	4,551.62	4,467.41	4,403.27	64.14	69.654	
3,700.00	3,162.64	10,918.00	6,467.11	37.99	82.06	86.59	2.85	4,551.62	4,367.86	4,303.49	64.38	67.850	
3,800.00	3,238.96	10,918.00	6,467.11	39.45	82.06	86.59	2.85	4,551.62	4,268.34	4,203.72	64.62	66.048	
3,900.00	3,315.28	10,918.00	6,467.11	40.91	82.06	86.59	2.85	4,551.62	4,168.84	4,103.96	64.89	64.249	
4,000.00	3,391.61	10,918.00	6,467.11	42.37	82.06	86.59	2.85	4,551.62	4,069.37	4,004.21	65.16	62.452	
4,100.00	3,467.93	10,918.00	6,467.11	43.84	82.06	86.59	2.85	4,551.62	3,969.92	3,904.47	65.45	60.658	
4,200.00	3,544.25	10,918.00	6,467.11	45.30	82.06	86.59	2.85	4,551.62	3,870.50	3,804.75	65.75	58.867	
4,300.00	3,620.58	10,918.00	6,467.11	46.76	82.06	86.59	2.85	4,551.62	3,771.11	3,705.04	66.07	57.080	
4,400.00	3,696.90	10,918.00	6,467.11	48.23	82.06	86.59	2.85	4,551.62	3,671.75	3,605.35	66.40	55.297	
4,500.00	3,773.22	10,918.00	6,467.11	49.69	82.06	86.59	2.85	4,551.62	3,572.43	3,505.68	66.75	53.517	
4,600.00	3,849.55	10,918.00	6,467.11	51.16	82.06	86.59	2.85	4,551.62	3,473.15	3,406.02	67.12	51.743	
4,700.00	3,925.87	10,918.00	6,467.11	52.62	82.06	86.59	2.85	4,551.62	3,373.91	3,306.39	67.52	49.972	
4,800.00	4,002.19	10,918.00	6,467.11	54.09	82.06	86.59	2.85	4,551.62	3,274.71	3,206.78	67.93	48.207	
4,900.00	4,078.51	10,918.00	6,467.11	55.56	82.06	86.59	2.85	4,551.62	3,175.57	3,107.20	68.37	46.448	
5,000.00	4,154.84	10,918.00	6,467.11	57.02	82.06	86.59	2.85	4,551.62	3,076.48	3,007.65	68.83	44.694	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE Y-U-36HC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 103-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	4,231.16	10,918.00	6,467.11	58.49	82.06	86.59	2.85	4,551.62	2,977.46	2,908.13	69.33	42.946	
5,200.00	4,307.48	10,918.00	6,467.11	59.96	82.06	86.59	2.85	4,551.62	2,878.50	2,808.64	69.86	41.205	
5,300.00	4,383.81	10,918.00	6,467.11	61.43	82.06	86.59	2.85	4,551.62	2,779.61	2,709.19	70.42	39.471	
5,400.00	4,460.13	10,918.00	6,467.11	62.89	82.06	86.59	2.85	4,551.62	2,680.81	2,609.79	71.03	37.744	
5,500.00	4,536.45	10,918.00	6,467.11	64.36	82.06	86.59	2.85	4,551.62	2,582.10	2,510.43	71.67	36.026	
5,600.00	4,612.78	10,918.00	6,467.11	65.83	82.06	86.59	2.85	4,551.62	2,483.50	2,411.12	72.37	34.316	
5,700.00	4,689.10	10,918.00	6,467.11	67.30	82.06	86.59	2.85	4,551.62	2,385.01	2,311.88	73.12	32.616	
5,800.00	4,765.42	10,918.00	6,467.11	68.77	82.06	86.59	2.85	4,551.62	2,286.65	2,212.71	73.94	30.927	
5,900.00	4,841.75	10,918.00	6,467.11	70.24	82.06	86.59	2.85	4,551.62	2,188.44	2,113.61	74.82	29.249	
6,000.00	4,918.07	10,918.00	6,467.11	71.70	82.06	86.59	2.85	4,551.62	2,090.39	2,014.61	75.79	27.583	
6,100.00	4,994.39	10,918.00	6,467.11	73.17	82.06	86.59	2.85	4,551.62	1,992.55	1,915.71	76.84	25.931	
6,200.00	5,070.72	10,918.00	6,467.11	74.64	82.06	86.59	2.85	4,551.62	1,894.93	1,816.93	78.00	24.294	
6,300.00	5,147.04	10,918.00	6,467.11	76.11	82.06	86.59	2.85	4,551.62	1,797.57	1,718.29	79.28	22.675	
6,400.00	5,223.36	10,918.00	6,467.11	77.58	82.06	86.59	2.85	4,551.62	1,700.52	1,619.82	80.69	21.074	
6,500.00	5,299.68	10,918.00	6,467.11	79.05	82.06	86.59	2.85	4,551.62	1,603.82	1,521.55	82.27	19.494	
6,600.00	5,376.01	10,918.00	6,467.11	80.52	82.06	86.59	2.85	4,551.62	1,507.57	1,423.53	84.04	17.939	
6,700.00	5,452.33	10,918.00	6,467.11	81.99	82.06	86.59	2.85	4,551.62	1,411.83	1,325.80	86.02	16.412	
6,800.00	5,528.65	10,918.00	6,467.11	83.46	82.06	86.59	2.85	4,551.62	1,316.72	1,228.45	88.27	14.916	
6,900.00	5,604.98	10,918.00	6,467.11	84.93	82.06	86.59	2.85	4,551.62	1,222.40	1,131.56	90.84	13.457	
7,000.00	5,681.30	10,918.00	6,467.11	86.40	82.06	86.59	2.85	4,551.62	1,129.05	1,035.28	93.77	12.040	
7,100.00	5,757.62	10,918.00	6,467.11	87.87	82.06	86.59	2.85	4,551.62	1,036.94	939.79	97.15	10.673	
7,176.71	5,816.17	10,918.00	6,467.11	89.00	82.06	86.59	2.85	4,551.62	967.35	867.25	100.10	9.664	
7,200.00	5,833.92	10,918.00	6,467.11	89.34	82.06	89.90	2.85	4,551.62	946.66	845.56	101.10	9.364	
7,250.00	5,871.73	10,918.00	6,467.11	90.07	82.06	96.51	2.85	4,551.62	904.30	800.70	103.60	8.729	
7,300.00	5,908.91	10,918.00	6,467.11	90.78	82.06	102.51	2.85	4,551.62	865.38	758.82	106.56	8.121	
7,350.00	5,945.18	10,918.00	6,467.11	91.48	82.06	107.89	2.85	4,551.62	830.71	720.76	109.94	7.556	
7,400.00	5,980.26	10,918.00	6,467.11	92.14	82.06	112.66	2.85	4,551.62	801.11	687.47	113.64	7.049	
7,450.00	6,013.88	10,918.00	6,467.11	92.77	82.06	116.83	2.85	4,551.62	777.40	659.89	117.51	6.616	
7,500.00	6,045.79	10,918.00	6,467.11	93.36	82.06	120.45	2.85	4,551.62	760.32	638.96	121.36	6.265	
7,550.00	6,075.75	10,918.00	6,467.11	93.90	82.06	123.54	2.85	4,551.62	750.46	625.46	125.00	6.004	
7,589.89	6,098.09	10,918.00	6,467.11	94.30	82.06	125.66	2.85	4,551.62	748.01	620.40	127.61	5.862 CC	
7,600.00	6,103.52	10,918.00	6,467.11	94.40	82.06	126.15	2.85	4,551.62	748.17	619.94	128.23	5.835 ES	
7,650.00	6,128.89	10,918.00	6,467.11	94.85	82.06	128.31	2.85	4,551.62	753.54	622.62	130.93	5.755 SF	
7,700.00	6,151.68	10,918.00	6,467.11	95.25	82.06	130.07	2.85	4,551.62	766.38	633.36	133.02	5.761	
7,750.00	6,171.71	10,918.00	6,467.11	95.60	82.06	131.43	2.85	4,551.62	786.22	651.68	134.54	5.844	
7,800.00	6,188.82	10,918.00	6,467.11	95.91	82.06	132.43	2.85	4,551.62	812.40	676.87	135.54	5.994	
7,850.00	6,202.89	10,918.00	6,467.11	96.16	82.06	133.05	2.85	4,551.62	844.15	708.03	136.12	6.201	
7,900.00	6,213.81	10,918.00	6,467.11	96.38	82.06	133.28	2.85	4,551.62	880.64	744.23	136.40	6.456	
7,950.00	6,221.49	10,918.00	6,467.11	96.55	82.06	133.06	2.85	4,551.62	921.04	784.56	136.48	6.749	
8,000.00	6,225.88	10,918.00	6,467.11	96.69	82.06	132.26	2.85	4,551.62	964.58	828.14	136.43	7.070	
8,040.96	6,227.00	10,918.00	6,467.11	96.77	82.06	130.99	2.85	4,551.62	1,002.07	865.73	136.34	7.350	
8,100.00	6,227.00	10,918.00	6,467.11	96.88	82.06	130.99	2.85	4,551.62	1,057.34	921.16	136.18	7.764	
8,200.00	6,227.00	10,918.00	6,467.11	97.07	82.06	130.99	2.85	4,551.62	1,151.79	1,015.92	135.87	8.477	
8,300.00	6,227.00	10,918.00	6,467.11	97.28	82.06	130.99	2.85	4,551.62	1,247.12	1,111.56	135.56	9.200	
8,400.00	6,227.00	10,918.00	6,467.11	97.49	82.06	130.99	2.85	4,551.62	1,343.12	1,207.88	135.24	9.931	
8,500.00	6,227.00	10,918.00	6,467.11	97.72	82.06	130.99	2.85	4,551.62	1,439.67	1,304.72	134.94	10.669	
8,600.00	6,227.00	10,918.00	6,467.11	97.97	82.06	130.99	2.85	4,551.62	1,536.65	1,402.00	134.66	11.412	
8,700.00	6,227.00	10,918.00	6,467.11	98.23	82.06	130.99	2.85	4,551.62	1,634.01	1,499.61	134.39	12.159	
8,800.00	6,227.00	10,918.00	6,467.11	98.50	82.06	130.99	2.85	4,551.62	1,731.66	1,597.52	134.14	12.909	
8,900.00	6,227.00	10,918.00	6,467.11	98.79	82.06	130.99	2.85	4,551.62	1,829.57	1,695.65	133.91	13.662	
9,000.00	6,227.00	10,918.00	6,467.11	99.09	82.06	130.99	2.85	4,551.62	1,927.69	1,793.99	133.70	14.418	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE Y-U-36HC - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 103-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		
9,100.00	6,227.00	10,918.00	6,467.11	99.41	82.06	130.99	2.85	4,551.62	2,025.99	1,892.49	133.50	15.176		
9,200.00	6,227.00	10,918.00	6,467.11	99.75	82.06	130.99	2.85	4,551.62	2,124.46	1,991.14	133.32	15.935		
9,300.00	6,227.00	10,918.00	6,467.11	100.10	82.06	130.99	2.85	4,551.62	2,223.06	2,089.91	133.15	16.696		
9,400.00	6,227.00	10,918.00	6,467.11	100.47	82.06	130.99	2.85	4,551.62	2,321.78	2,188.79	132.99	17.458		
9,500.00	6,227.00	10,918.00	6,467.11	100.86	82.06	130.99	2.85	4,551.62	2,420.60	2,287.76	132.85	18.221		
9,600.00	6,227.00	10,918.00	6,467.11	101.26	82.06	130.99	2.85	4,551.62	2,519.52	2,386.81	132.71	18.985		
9,700.00	6,227.00	10,918.00	6,467.11	101.68	82.06	130.99	2.85	4,551.62	2,618.52	2,485.94	132.58	19.750		
9,800.00	6,227.00	10,918.00	6,467.11	102.13	82.06	130.99	2.85	4,551.62	2,717.60	2,585.13	132.46	20.516		
9,900.00	6,227.00	10,918.00	6,467.11	102.59	82.06	130.99	2.85	4,551.62	2,816.74	2,684.38	132.35	21.282		
10,000.00	6,227.00	10,918.00	6,467.11	103.07	82.06	130.99	2.85	4,551.62	2,915.93	2,783.69	132.25	22.049		
10,100.00	6,227.00	10,918.00	6,467.11	103.58	82.06	130.99	2.85	4,551.62	3,015.19	2,883.03	132.15	22.816		
10,200.00	6,227.00	10,918.00	6,467.11	104.10	82.06	130.99	2.85	4,551.62	3,114.48	2,982.42	132.06	23.584		
10,300.00	6,227.00	10,918.00	6,467.11	104.65	82.06	130.99	2.85	4,551.62	3,213.83	3,081.85	131.98	24.352		
10,400.00	6,227.00	10,918.00	6,467.11	105.22	82.06	130.99	2.85	4,551.62	3,313.21	3,181.31	131.90	25.120		
10,500.00	6,227.00	10,918.00	6,467.11	105.82	82.06	130.99	2.85	4,551.62	3,412.63	3,280.81	131.82	25.888		
10,600.00	6,227.00	10,918.00	6,467.11	106.43	82.06	130.99	2.85	4,551.62	3,512.08	3,380.33	131.75	26.657		
10,700.00	6,227.00	10,918.00	6,467.11	107.07	82.06	130.99	2.85	4,551.62	3,611.56	3,479.88	131.68	27.426		
10,800.00	6,227.00	10,918.00	6,467.11	107.74	82.06	130.99	2.85	4,551.62	3,711.07	3,579.45	131.62	28.195		
10,900.00	6,227.00	10,918.00	6,467.11	108.42	82.06	130.99	2.85	4,551.62	3,810.60	3,679.04	131.56	28.964		
11,000.00	6,227.00	10,918.00	6,467.11	109.14	82.06	130.99	2.85	4,551.62	3,910.16	3,778.66	131.51	29.734		
11,100.00	6,227.00	10,918.00	6,467.11	109.87	82.06	130.99	2.85	4,551.62	4,009.74	3,878.29	131.45	30.503		
11,200.00	6,227.00	10,918.00	6,467.11	110.64	82.06	130.99	2.85	4,551.62	4,109.34	3,977.94	131.40	31.273		
11,300.00	6,227.00	10,918.00	6,467.11	111.43	82.06	130.99	2.85	4,551.62	4,208.96	4,077.61	131.36	32.042		
11,400.00	6,227.00	10,918.00	6,467.11	112.24	82.06	130.99	2.85	4,551.62	4,308.60	4,177.29	131.31	32.812		
11,500.00	6,227.00	10,918.00	6,467.11	113.08	82.06	130.99	2.85	4,551.62	4,408.25	4,276.98	131.27	33.581		
11,600.00	6,227.00	10,918.00	6,467.11	113.94	82.06	130.99	2.85	4,551.62	4,507.92	4,376.69	131.23	34.351		
11,700.00	6,227.00	10,918.00	6,467.11	114.83	82.06	130.99	2.85	4,551.62	4,607.61	4,476.41	131.20	35.120		
11,800.00	6,227.00	10,918.00	6,467.11	115.74	82.06	130.99	2.85	4,551.62	4,707.30	4,576.14	131.16	35.889		
11,900.00	6,227.00	10,918.00	6,467.11	116.68	82.06	130.99	2.85	4,551.62	4,807.01	4,675.89	131.13	36.659		
12,000.00	6,227.00	10,918.00	6,467.11	117.64	82.06	130.99	2.85	4,551.62	4,906.74	4,775.64	131.10	37.428		
12,100.00	6,227.00	10,918.00	6,467.11	118.63	82.06	130.99	2.85	4,551.62	5,006.47	4,875.40	131.07	38.197		
12,200.00	6,227.00	10,918.00	6,467.11	119.64	82.06	130.99	2.85	4,551.62	5,106.21	4,975.17	131.04	38.966		
12,300.00	6,227.00	10,918.00	6,467.11	120.68	82.06	130.99	2.85	4,551.62	5,205.96	5,074.95	131.02	39.735		
12,400.00	6,227.00	10,918.00	6,467.11	121.74	82.06	130.99	2.85	4,551.62	5,305.73	5,174.73	130.99	40.504		
12,500.00	6,227.00	10,918.00	6,467.11	122.82	82.06	130.99	2.85	4,551.62	5,405.50	5,274.53	130.97	41.273		
12,600.00	6,227.00	10,918.00	6,467.11	123.92	82.06	130.99	2.85	4,551.62	5,505.28	5,374.33	130.95	42.042		
12,700.00	6,227.00	10,918.00	6,467.11	125.04	82.06	130.99	2.85	4,551.62	5,605.06	5,474.14	130.93	42.810		
12,800.00	6,227.00	10,918.00	6,467.11	126.19	82.06	130.99	2.85	4,551.62	5,704.86	5,573.95	130.91	43.579		
12,900.00	6,227.00	10,918.00	6,467.11	127.35	82.06	130.99	2.85	4,551.62	5,804.66	5,673.77	130.89	44.347		
13,000.00	6,227.00	10,918.00	6,467.11	128.54	82.06	130.99	2.85	4,551.62	5,904.47	5,773.59	130.88	45.115		
13,100.00	6,227.00	10,918.00	6,467.11	129.74	82.06	130.99	2.85	4,551.62	6,004.28	5,873.42	130.86	45.883		
13,200.00	6,227.00	10,918.00	6,467.11	130.97	82.06	130.99	2.85	4,551.62	6,104.10	5,973.26	130.85	46.651		
13,300.00	6,227.00	10,918.00	6,467.11	132.21	82.06	130.99	2.85	4,551.62	6,203.93	6,073.10	130.83	47.418		
13,400.00	6,227.00	10,918.00	6,467.11	133.47	82.06	130.99	2.85	4,551.62	6,303.76	6,172.94	130.82	48.186		
13,500.00	6,227.00	10,918.00	6,467.11	134.74	82.06	130.99	2.85	4,551.62	6,403.60	6,272.79	130.81	48.953		
13,600.00	6,227.00	10,918.00	6,467.11	136.03	82.06	130.99	2.85	4,551.62	6,503.44	6,372.64	130.80	49.720		
13,700.00	6,227.00	10,918.00	6,467.11	137.34	82.06	130.99	2.85	4,551.62	6,603.29	6,472.50	130.79	50.486		
13,800.00	6,227.00	10,918.00	6,467.11	138.67	82.06	130.99	2.85	4,551.62	6,703.14	6,572.36	130.79	51.253		
13,900.00	6,227.00	10,918.00	6,467.11	140.00	82.06	130.99	2.85	4,551.62	6,803.00	6,672.22	130.78	52.019		
14,000.00	6,227.00	10,918.00	6,467.11	141.36	82.06	130.99	2.85	4,551.62	6,902.86	6,772.08	130.77	52.785		
14,100.00	6,227.00	10,918.00	6,467.11	142.72	82.06	130.99	2.85	4,551.62	7,002.72	6,871.95	130.77	53.551		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - EXIST HZ STATE NORTH PLATTE Y-U-36HC - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 103-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	
14,200.00	6,227.00	10,918.00	6,467.11	144.10	82.06	130.99	2.85	4,551.62	7,102.59	6,971.83	130.76	54.317	
14,300.00	6,227.00	10,918.00	6,467.11	145.49	82.06	130.99	2.85	4,551.62	7,202.46	7,071.70	130.76	55.082	
14,400.00	6,227.00	10,918.00	6,467.11	146.90	82.06	130.99	2.85	4,551.62	7,302.34	7,171.58	130.75	55.848	
14,500.00	6,227.00	10,918.00	6,467.11	148.31	82.06	130.99	2.85	4,551.62	7,402.21	7,271.46	130.75	56.612	
14,600.00	6,227.00	10,918.00	6,467.11	149.74	82.06	130.99	2.85	4,551.62	7,502.10	7,371.35	130.75	57.377	
14,700.00	6,227.00	10,918.00	6,467.11	151.18	82.06	130.99	2.85	4,551.62	7,601.98	7,471.23	130.75	58.142	
14,800.00	6,227.00	10,918.00	6,467.11	152.62	82.06	130.99	2.85	4,551.62	7,701.87	7,571.12	130.75	58.906	
14,900.00	6,227.00	10,918.00	6,467.11	154.08	82.06	130.99	2.85	4,551.62	7,801.76	7,671.01	130.75	59.670	
15,000.00	6,227.00	10,918.00	6,467.11	155.55	82.06	130.99	2.85	4,551.62	7,901.65	7,770.90	130.75	60.433	
15,100.00	6,227.00	10,918.00	6,467.11	157.03	82.06	130.99	2.85	4,551.62	8,001.55	7,870.80	130.75	61.196	
15,200.00	6,227.00	10,918.00	6,467.11	158.51	82.06	130.99	2.85	4,551.62	8,101.45	7,970.69	130.75	61.960	
15,300.00	6,227.00	10,918.00	6,467.11	160.01	82.06	130.99	2.85	4,551.62	8,201.35	8,070.59	130.76	62.722	
15,400.00	6,227.00	10,918.00	6,467.11	161.51	82.06	130.99	2.85	4,551.62	8,301.25	8,170.49	130.76	63.485	
15,500.00	6,227.00	10,918.00	6,467.11	163.02	82.06	130.99	2.85	4,551.62	8,401.16	8,270.39	130.76	64.247	
15,600.00	6,227.00	10,918.00	6,467.11	164.54	82.06	130.99	2.85	4,551.62	8,501.07	8,370.30	130.77	65.009	
15,700.00	6,227.00	10,918.00	6,467.11	166.06	82.06	130.99	2.85	4,551.62	8,600.98	8,470.20	130.77	65.770	
15,800.00	6,227.00	10,918.00	6,467.11	167.59	82.06	130.99	2.85	4,551.62	8,700.89	8,570.11	130.78	66.532	
15,900.00	6,227.00	10,918.00	6,467.11	169.13	82.06	130.99	2.85	4,551.62	8,800.80	8,670.02	130.78	67.292	
16,000.00	6,227.00	10,918.00	6,467.11	170.68	82.06	130.99	2.85	4,551.62	8,900.72	8,769.93	130.79	68.053	
16,100.00	6,227.00	10,918.00	6,467.11	172.23	82.06	130.99	2.85	4,551.62	9,000.64	8,869.84	130.80	68.813	
16,200.00	6,227.00	10,918.00	6,467.11	173.78	82.06	130.99	2.85	4,551.62	9,100.56	8,969.75	130.81	69.573	
16,300.00	6,227.00	10,918.00	6,467.11	175.35	82.06	130.99	2.85	4,551.62	9,200.48	9,069.67	130.81	70.333	
16,400.00	6,227.00	10,918.00	6,467.11	176.92	82.06	130.99	2.85	4,551.62	9,300.40	9,169.58	130.82	71.092	
16,500.00	6,227.00	10,918.00	6,467.11	178.49	82.06	130.99	2.85	4,551.62	9,400.33	9,269.50	130.83	71.851	
16,600.00	6,227.00	10,918.00	6,467.11	180.07	82.06	130.99	2.85	4,551.62	9,500.25	9,369.41	130.84	72.610	
16,700.00	6,227.00	10,918.00	6,467.11	181.65	82.06	130.99	2.85	4,551.62	9,600.18	9,469.33	130.85	73.368	
16,800.00	6,227.00	10,918.00	6,467.11	183.24	82.06	130.99	2.85	4,551.62	9,700.11	9,569.25	130.86	74.126	
16,900.00	6,227.00	10,918.00	6,467.11	184.84	82.06	130.99	2.85	4,551.62	9,800.04	9,669.17	130.87	74.884	
17,000.00	6,227.00	10,918.00	6,467.11	186.43	82.06	130.99	2.85	4,551.62	9,899.97	9,769.09	130.88	75.641	
17,100.00	6,227.00	10,918.00	6,467.11	188.04	82.06	130.99	2.85	4,551.62	9,999.91	9,869.02	130.89	76.398	
17,200.00	6,227.00	10,918.00	6,467.11	189.64	82.06	130.99	2.85	4,551.62	10,099.84	9,968.94	130.90	77.154	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - SI VERT 70 RANCH USX BB 25-04 (GYRO) - OWB - GYRO SURVEY												Offset Site Error:	0.00 usft
Survey Program: 100-GYRO-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
0.00	0.00	0.00	0.00	0.00	0.00	-0.88	5,145.50	-79.13	5,146.11				
100.00	100.00	112.19	112.18	0.27	0.23	-0.87	5,145.28	-78.42	5,145.91	5,145.42	0.50	N/A	
200.00	199.98	214.87	214.86	0.62	0.59	-85.56	5,144.89	-77.45	5,145.38	5,144.17	1.21	4,245.230	
300.00	299.84	318.76	318.74	0.99	0.95	-85.63	5,144.40	-77.13	5,144.50	5,142.57	1.93	2,663.554	
400.00	399.45	414.43	414.42	1.36	1.28	-85.74	5,143.95	-77.03	5,143.37	5,140.73	2.64	1,948.387	
500.00	498.70	506.64	506.63	1.75	1.60	-85.89	5,143.62	-76.93	5,142.11	5,138.76	3.36	1,531.504	
600.00	597.47	600.00	599.99	2.18	1.93	-86.08	5,143.44	-76.94	5,140.81	5,136.71	4.11	1,252.033	
700.00	695.62	686.89	686.88	2.63	2.23	-86.30	5,143.42	-77.08	5,139.49	5,134.62	4.86	1,056.763	
800.00	793.06	787.61	787.60	3.12	2.58	-86.58	5,143.42	-77.38	5,138.07	5,132.36	5.71	900.285	
900.00	889.64	883.15	883.14	3.66	2.92	-86.89	5,143.39	-77.66	5,136.51	5,129.94	6.58	781.009	
1,000.00	985.27	971.81	971.79	4.25	3.23	-87.21	5,143.42	-77.88	5,134.99	5,127.52	7.47	687.314	
1,100.00	1,079.82	1,059.49	1,059.48	4.89	3.53	-87.56	5,143.58	-78.30	5,133.63	5,125.21	8.42	610.025	
1,200.00	1,173.17	1,142.57	1,142.55	5.58	3.82	-87.92	5,143.84	-78.64	5,132.49	5,123.08	9.40	545.939	
1,300.00	1,265.21	1,223.20	1,223.18	6.34	4.10	-88.28	5,144.32	-78.63	5,131.71	5,121.28	10.44	491.553	
1,400.00	1,355.84	1,310.14	1,310.12	7.16	4.40	-88.70	5,144.95	-78.85	5,131.30	5,119.74	11.57	443.677	
1,492.17	1,438.01	1,411.33	1,411.31	7.98	4.76	-89.22	5,145.53	-78.85	5,131.05	5,118.31	12.74	402.779	
1,500.00	1,444.94	1,400.00	1,399.98	8.05	4.72	-89.16	5,145.48	-78.89	5,131.06	5,118.29	12.77	401.827	
1,600.00	1,532.39	1,472.61	1,472.58	9.02	4.97	-89.55	5,146.03	-78.68	5,131.33	5,117.35	13.98	366.959	
1,700.00	1,618.11	1,599.59	1,599.56	10.05	5.41	-90.26	5,147.13	-78.21	5,132.21	5,116.75	15.46	331.960	
1,800.00	1,701.97	1,689.95	1,689.92	11.16	5.73	-90.78	5,147.34	-77.57	5,133.00	5,116.11	16.88	304.028	
1,900.00	1,783.88	1,771.88	1,771.84	12.35	6.01	-91.27	5,147.52	-76.71	5,134.37	5,116.02	18.35	279.769	
2,000.00	1,863.74	1,880.51	1,880.46	13.61	6.39	-91.95	5,147.36	-75.30	5,136.13	5,116.14	19.99	256.936	
2,100.00	1,941.45	1,977.70	1,977.64	14.95	6.74	-92.57	5,146.75	-73.79	5,138.31	5,116.65	21.66	237.189	
2,112.50	1,951.01	1,986.33	1,986.27	15.12	6.77	-92.63	5,146.70	-73.63	5,138.65	5,116.79	21.87	235.017	
2,200.00	2,017.79	2,046.06	2,045.98	16.35	6.98	-93.05	5,146.43	-72.37	5,141.45	5,118.17	23.29	220.791	
2,300.00	2,094.11	2,113.86	2,113.76	17.76	7.22	-93.52	5,146.28	-70.80	5,145.51	5,120.59	24.92	206.500	
2,400.00	2,170.44	2,179.76	2,179.65	19.17	7.45	-93.98	5,146.26	-69.34	5,150.50	5,123.95	26.55	194.014	
2,500.00	2,246.76	2,243.28	2,243.15	20.60	7.67	-94.43	5,146.37	-68.07	5,156.44	5,128.27	28.17	183.051	
2,600.00	2,323.08	2,300.00	2,299.86	22.03	7.87	-94.83	5,146.61	-67.02	5,163.38	5,133.61	29.77	173.457	
2,700.00	2,399.41	2,373.59	2,373.44	23.47	8.13	-95.34	5,147.06	-65.89	5,171.25	5,139.83	31.42	164.569	
2,800.00	2,475.73	2,446.56	2,446.41	24.91	8.38	-95.86	5,147.57	-65.07	5,180.02	5,146.95	33.07	156.624	
2,900.00	2,552.05	2,523.46	2,523.30	26.36	8.65	-96.40	5,148.08	-64.34	5,189.57	5,154.84	34.73	149.416	
3,000.00	2,628.38	2,600.85	2,600.69	27.80	8.92	-96.94	5,148.57	-63.68	5,199.89	5,163.50	36.39	142.900	
3,100.00	2,704.70	2,678.23	2,678.06	29.25	9.19	-97.48	5,149.06	-63.01	5,210.96	5,172.92	38.04	136.993	
3,200.00	2,781.02	2,765.48	2,765.31	30.71	9.50	-98.09	5,149.56	-62.19	5,222.73	5,183.01	39.72	131.499	
3,300.00	2,857.35	2,857.02	2,856.84	32.16	9.82	-98.73	5,149.81	-61.40	5,235.05	5,193.65	41.40	126.442	
3,400.00	2,933.67	2,943.79	2,943.61	33.62	10.12	-99.34	5,149.78	-60.77	5,247.93	5,204.86	43.06	121.865	
3,500.00	3,009.99	3,019.89	3,019.71	35.07	10.38	-99.87	5,149.69	-60.15	5,261.47	5,216.79	44.68	117.767	
3,600.00	3,086.31	3,081.98	3,081.80	36.53	10.60	-100.30	5,149.70	-59.77	5,275.89	5,229.66	46.23	114.121	
3,700.00	3,162.64	3,142.07	3,141.89	37.99	10.81	-100.72	5,149.80	-59.66	5,291.28	5,243.52	47.77	110.775	
3,800.00	3,238.96	3,200.00	3,199.82	39.45	11.01	-101.12	5,149.94	-60.00	5,307.66	5,258.38	49.28	107.701	
3,900.00	3,315.28	3,266.33	3,266.15	40.91	11.24	-101.59	5,150.18	-60.65	5,324.98	5,274.17	50.82	104.790	
4,000.00	3,391.61	3,341.72	3,341.53	42.37	11.51	-102.11	5,150.56	-61.44	5,343.16	5,290.79	52.37	102.025	
4,100.00	3,467.93	3,421.79	3,421.59	43.84	11.79	-102.67	5,150.81	-62.41	5,361.98	5,308.05	53.93	99.422	
4,200.00	3,544.25	3,490.57	3,490.37	45.30	12.03	-103.14	5,151.21	-62.88	5,381.57	5,326.13	55.44	97.072	
4,300.00	3,620.58	3,553.59	3,553.38	46.76	12.25	-103.57	5,151.79	-63.10	5,402.01	5,345.10	56.91	94.919	
4,400.00	3,696.90	3,617.11	3,616.90	48.23	12.47	-104.01	5,152.46	-63.54	5,423.35	5,364.97	58.37	92.909	
4,500.00	3,773.22	3,685.80	3,685.59	49.69	12.71	-104.47	5,153.21	-64.25	5,445.50	5,385.66	59.84	91.001	
4,600.00	3,849.55	3,750.94	3,750.71	51.16	12.94	-104.92	5,153.86	-65.28	5,468.47	5,407.19	61.28	89.239	
4,700.00	3,925.87	3,822.58	3,822.32	52.62	13.19	-105.41	5,154.36	-67.17	5,492.28	5,429.55	62.73	87.558	
4,800.00	4,002.19	3,955.07	3,954.73	54.09	13.66	-106.33	5,154.07	-71.86	5,516.55	5,452.16	64.39	85.670	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - SI VERT 70 RANCH USX BB 25-04 (GYRO) - OWB - GYRO SURVEY												Offset Site Error:	0.00 usft
Survey Program: 100-GYRO-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	
4,900.00	4,078.51	4,080.95	4,080.56	55.56	14.10	-107.19	5,152.73	-74.93	5,540.46	5,474.45	66.02	83.926	
5,000.00	4,154.84	4,131.96	4,131.56	57.02	14.28	-107.54	5,152.13	-76.03	5,564.98	5,497.63	67.35	82.633	
5,100.00	4,231.16	4,171.56	4,171.15	58.49	14.41	-107.80	5,151.92	-76.94	5,590.62	5,522.01	68.62	81.478	
5,200.00	4,307.48	4,254.55	4,254.12	59.96	14.71	-108.35	5,152.07	-78.63	5,617.33	5,547.29	70.04	80.206	
5,300.00	4,383.81	4,369.17	4,368.74	61.43	15.11	-109.09	5,152.49	-78.75	5,644.02	5,572.44	71.57	78.859	
5,400.00	4,460.13	4,483.84	4,483.39	62.89	15.51	-109.81	5,153.21	-77.16	5,670.97	5,597.87	73.10	77.582	
5,500.00	4,536.45	4,569.45	4,568.99	64.36	15.80	-110.35	5,153.41	-75.73	5,698.10	5,623.61	74.50	76.488	
5,600.00	4,612.78	4,671.99	4,671.51	65.83	16.16	-110.98	5,153.54	-73.81	5,725.68	5,649.73	75.95	75.389	
5,700.00	4,689.10	4,795.12	4,794.59	67.30	16.60	-111.73	5,153.17	-70.23	5,752.99	5,675.52	77.47	74.263	
5,800.00	4,765.42	4,859.13	4,858.56	68.77	16.82	-112.11	5,152.83	-68.21	5,780.72	5,701.97	78.75	73.408	
5,900.00	4,841.75	4,900.00	4,899.43	70.24	16.96	-112.36	5,152.71	-67.32	5,809.52	5,729.60	79.92	72.689	
6,000.00	4,918.07	4,942.14	4,941.56	71.70	17.11	-112.61	5,152.70	-66.70	5,839.35	5,758.26	81.08	72.016	
6,100.00	4,994.39	5,000.00	4,999.42	73.17	17.31	-112.96	5,152.92	-66.28	5,870.23	5,787.94	82.29	71.336	
6,200.00	5,070.72	5,029.61	5,029.03	74.64	17.42	-113.14	5,153.13	-66.22	5,902.00	5,818.64	83.36	70.798	
6,300.00	5,147.04	5,080.39	5,079.81	76.11	17.59	-113.45	5,153.58	-66.28	5,934.69	5,850.18	84.51	70.227	
6,400.00	5,223.36	5,160.87	5,160.28	77.58	17.87	-113.93	5,154.32	-66.72	5,968.11	5,882.36	85.76	69.593	
6,500.00	5,299.68	5,250.82	5,250.23	79.05	18.19	-114.48	5,154.71	-67.41	6,001.84	5,914.81	87.03	68.963	
6,600.00	5,376.01	5,325.94	5,325.34	80.52	18.45	-114.92	5,155.19	-67.60	6,035.99	5,947.76	88.23	68.411	
6,700.00	5,452.33	5,387.55	5,386.95	81.99	18.67	-115.28	5,155.66	-67.85	6,070.77	5,981.40	89.36	67.934	
6,800.00	5,528.65	5,464.89	5,464.29	83.46	18.93	-115.74	5,156.29	-68.26	6,106.14	6,015.59	90.55	67.436	
6,900.00	5,604.98	5,543.73	5,543.12	84.93	19.21	-116.19	5,157.01	-68.50	6,141.94	6,050.21	91.73	66.960	
7,000.00	5,681.30	5,622.96	5,622.35	86.40	19.49	-116.65	5,157.81	-68.62	6,178.19	6,085.30	92.89	66.508	
7,100.00	5,757.62	5,706.77	5,706.16	87.87	19.78	-117.13	5,158.26	-69.08	6,214.83	6,120.76	94.07	66.069	
7,176.71	5,816.17	5,761.82	5,761.21	89.00	19.97	-117.44	5,158.44	-69.52	6,243.23	6,148.31	94.92	65.776	
7,200.00	5,833.92	5,778.52	5,777.91	89.34	20.03	-114.35	5,158.50	-69.64	6,251.54	6,156.36	95.18	65.684	
7,250.00	5,871.73	5,815.77	5,815.15	90.07	20.16	-108.04	5,158.66	-69.91	6,266.89	6,171.13	95.75	65.448	
7,300.00	5,908.91	5,854.87	5,854.25	90.78	20.30	-102.30	5,158.82	-70.19	6,278.77	6,182.42	96.36	65.162	
7,350.00	5,945.18	5,893.01	5,892.40	91.48	20.43	-97.18	5,158.96	-70.46	6,287.12	6,190.16	96.96	64.841	
7,400.00	5,980.26	5,945.18	5,944.56	92.14	20.61	-92.82	5,159.05	-70.84	6,291.88	6,194.25	97.63	64.448	
7,450.00	6,013.88	5,998.25	5,997.63	92.77	20.80	-89.17	5,158.90	-71.25	6,292.98	6,194.69	98.29	64.026	
7,500.00	6,045.79	6,043.14	6,042.52	93.36	20.95	-86.14	5,158.66	-71.55	6,290.46	6,191.56	98.90	63.604	
7,550.00	6,075.75	6,085.27	6,084.65	93.90	21.10	-83.75	5,158.43	-71.71	6,284.41	6,184.93	99.48	63.172	
7,600.00	6,103.52	6,115.51	6,114.88	94.40	21.20	-81.91	5,158.27	-71.76	6,274.89	6,174.91	99.99	62.757	
7,650.00	6,128.89	6,138.18	6,137.56	94.85	21.28	-80.61	5,158.14	-71.80	6,262.07	6,161.63	100.43	62.351	
7,700.00	6,151.68	6,158.49	6,157.87	95.25	21.35	-79.87	5,158.04	-71.85	6,246.03	6,145.19	100.84	61.942	
7,750.00	6,171.71	6,176.30	6,175.68	95.60	21.42	-79.68	5,157.94	-71.90	6,226.91	6,125.72	101.19	61.534	
7,800.00	6,188.82	6,191.47	6,190.84	95.91	21.47	-80.03	5,157.86	-71.95	6,204.85	6,103.34	101.50	61.129	
7,850.00	6,202.89	6,200.00	6,199.37	96.16	21.50	-80.91	5,157.81	-71.98	6,180.01	6,078.25	101.75	60.736	
7,900.00	6,213.81	6,200.00	6,199.37	96.38	21.50	-82.29	5,157.81	-71.98	6,152.57	6,050.64	101.93	60.362	
7,950.00	6,221.49	6,216.89	6,216.27	96.55	21.56	-84.50	5,157.73	-72.04	6,122.69	6,020.55	102.14	59.942	
8,000.00	6,225.88	6,220.01	6,219.38	96.69	21.57	-87.24	5,157.71	-72.06	6,090.62	5,988.35	102.27	59.554	
8,040.96	6,227.00	6,220.70	6,220.07	96.77	21.57	-90.00	5,157.71	-72.06	6,062.84	5,960.50	102.35	59.239	
8,100.00	6,227.00	6,220.47	6,219.85	96.88	21.57	-90.00	5,157.71	-72.06	6,022.05	5,919.61	102.44	58.786	
8,200.00	6,227.00	6,220.09	6,219.47	97.07	21.57	-89.99	5,157.71	-72.06	5,953.66	5,851.05	102.60	58.026	
8,300.00	6,227.00	6,219.71	6,219.08	97.28	21.57	-89.99	5,157.71	-72.06	5,886.17	5,783.39	102.78	57.272	
8,400.00	6,227.00	6,219.33	6,218.70	97.49	21.57	-89.98	5,157.71	-72.06	5,819.61	5,716.66	102.96	56.524	
8,500.00	6,227.00	6,218.94	6,218.32	97.72	21.56	-89.98	5,157.72	-72.05	5,754.03	5,650.88	103.15	55.783	
8,600.00	6,227.00	6,218.56	6,217.93	97.97	21.56	-89.97	5,157.72	-72.05	5,689.44	5,586.09	103.35	55.050	
8,700.00	6,227.00	6,218.18	6,217.55	98.23	21.56	-89.97	5,157.72	-72.05	5,625.90	5,522.34	103.56	54.325	
8,800.00	6,227.00	6,217.79	6,217.16	98.50	21.56	-89.96	5,157.72	-72.05	5,563.42	5,459.64	103.78	53.607	
8,900.00	6,227.00	6,217.40	6,216.78	98.79	21.56	-89.96	5,157.72	-72.05	5,502.05	5,398.04	104.01	52.898	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - SI VERT 70 RANCH USX BB 25-04 (GYRO) - OWB - GYRO SURVEY												Offset Site Error:	0.00 usft
Survey Program: 100-GYRO-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	
9,000.00	6,227.00	6,217.02	6,216.39	99.09	21.56	-89.95	5,157.73	-72.05	5,441.83	5,337.58	104.25	52.198	
9,100.00	6,227.00	6,216.63	6,216.00	99.41	21.56	-89.95	5,157.73	-72.04	5,382.79	5,278.29	104.51	51.507	
9,200.00	6,227.00	6,216.24	6,215.61	99.75	21.55	-89.94	5,157.73	-72.04	5,324.98	5,220.21	104.77	50.827	
9,300.00	6,227.00	6,215.85	6,215.22	100.10	21.55	-89.94	5,157.73	-72.04	5,268.43	5,163.39	105.04	50.156	
9,400.00	6,227.00	6,215.46	6,214.83	100.47	21.55	-89.93	5,157.73	-72.04	5,213.18	5,107.86	105.33	49.496	
9,500.00	6,227.00	6,215.07	6,214.44	100.86	21.55	-89.93	5,157.74	-72.04	5,159.28	5,053.66	105.62	48.848	
9,600.00	6,227.00	6,214.67	6,214.05	101.26	21.55	-89.92	5,157.74	-72.03	5,106.77	5,000.85	105.93	48.211	
9,700.00	6,227.00	6,214.28	6,213.65	101.68	21.55	-89.92	5,157.74	-72.03	5,055.70	4,949.45	106.24	47.586	
9,800.00	6,227.00	6,213.89	6,213.26	102.13	21.55	-89.91	5,157.74	-72.03	5,006.10	4,899.53	106.57	46.975	
9,900.00	6,227.00	6,213.49	6,212.86	102.59	21.54	-89.91	5,157.74	-72.03	4,958.02	4,851.11	106.91	46.377	
10,000.00	6,227.00	6,213.09	6,212.47	103.07	21.54	-89.90	5,157.75	-72.03	4,911.50	4,804.25	107.25	45.793	
10,100.00	6,227.00	6,212.70	6,212.07	103.58	21.54	-89.90	5,157.75	-72.03	4,866.60	4,758.99	107.61	45.224	
10,200.00	6,227.00	6,212.30	6,211.67	104.10	21.54	-89.89	5,157.75	-72.02	4,823.35	4,715.37	107.98	44.670	
10,300.00	6,227.00	6,211.90	6,211.28	104.65	21.54	-89.89	5,157.75	-72.02	4,781.80	4,673.45	108.35	44.131	
10,400.00	6,227.00	6,211.50	6,210.88	105.22	21.54	-89.88	5,157.75	-72.02	4,742.00	4,633.26	108.74	43.610	
10,500.00	6,227.00	6,200.00	6,199.37	105.82	21.50	-89.73	5,157.81	-71.98	4,704.01	4,594.94	109.06	43.132	
10,600.00	6,227.00	6,200.00	6,199.37	106.43	21.50	-89.73	5,157.81	-71.98	4,667.82	4,558.36	109.46	42.644	
10,700.00	6,227.00	6,200.00	6,199.37	107.07	21.50	-89.73	5,157.81	-71.98	4,633.52	4,523.65	109.87	42.174	
10,800.00	6,227.00	6,200.00	6,199.37	107.74	21.50	-89.73	5,157.81	-71.98	4,601.13	4,490.85	110.28	41.723	
10,900.00	6,227.00	6,200.00	6,199.37	108.42	21.50	-89.73	5,157.81	-71.98	4,570.70	4,460.01	110.70	41.291	
11,000.00	6,227.00	6,200.00	6,199.37	109.14	21.50	-89.73	5,157.81	-71.98	4,542.27	4,431.16	111.12	40.879	
11,100.00	6,227.00	6,200.00	6,199.37	109.87	21.50	-89.73	5,157.81	-71.98	4,515.88	4,404.34	111.54	40.487	
11,200.00	6,227.00	6,200.00	6,199.37	110.64	21.50	-89.73	5,157.81	-71.98	4,491.56	4,379.60	111.96	40.117	
11,300.00	6,227.00	6,200.00	6,199.37	111.43	21.50	-89.73	5,157.81	-71.98	4,469.34	4,356.96	112.39	39.768	
11,400.00	6,227.00	6,200.00	6,199.37	112.24	21.50	-89.73	5,157.81	-71.98	4,449.26	4,336.45	112.81	39.441	
11,500.00	6,227.00	6,200.00	6,199.37	113.08	21.50	-89.73	5,157.81	-71.98	4,431.35	4,318.12	113.23	39.136	
11,600.00	6,227.00	6,200.00	6,199.37	113.94	21.50	-89.73	5,157.81	-71.98	4,415.63	4,301.98	113.65	38.854	
11,700.00	6,227.00	6,200.00	6,199.37	114.83	21.50	-89.73	5,157.81	-71.98	4,402.12	4,288.06	114.06	38.595	
11,800.00	6,227.00	6,200.00	6,199.37	115.74	21.50	-89.73	5,157.81	-71.98	4,390.85	4,276.39	114.47	38.359	
11,900.00	6,227.00	6,200.00	6,199.37	116.68	21.50	-89.73	5,157.81	-71.98	4,381.84	4,266.97	114.87	38.147	
12,000.00	6,227.00	6,200.00	6,199.37	117.64	21.50	-89.73	5,157.81	-71.98	4,375.09	4,259.83	115.26	37.959	
12,100.00	6,227.00	6,200.00	6,199.37	118.63	21.50	-89.73	5,157.81	-71.98	4,370.62	4,254.98	115.64	37.795	
12,200.00	6,227.00	6,200.00	6,199.37	119.64	21.50	-89.73	5,157.81	-71.98	4,368.44	4,252.43	116.01	37.655	
12,245.41	6,227.00	6,200.00	6,199.37	120.11	21.50	-89.73	5,157.81	-71.98	4,368.20	4,252.03	116.18	37.599 CC, ES	
12,300.00	6,227.00	6,200.00	6,199.37	120.68	21.50	-89.73	5,157.81	-71.98	4,368.54	4,252.17	116.37	37.539	
12,400.00	6,227.00	6,200.00	6,199.37	121.74	21.50	-89.73	5,157.81	-71.98	4,370.94	4,254.22	116.72	37.448	
12,500.00	6,227.00	6,200.00	6,199.37	122.82	21.50	-89.73	5,157.81	-71.98	4,375.62	4,258.56	117.05	37.381	
12,600.00	6,227.00	6,200.00	6,199.37	123.92	21.50	-89.73	5,157.81	-71.98	4,382.57	4,265.20	117.37	37.339	
12,700.00	6,227.00	6,200.00	6,199.37	125.04	21.50	-89.73	5,157.81	-71.98	4,391.79	4,274.12	117.68	37.320 SF	
12,800.00	6,227.00	6,200.00	6,199.37	126.19	21.50	-89.73	5,157.81	-71.98	4,403.27	4,285.30	117.97	37.326	
12,900.00	6,227.00	6,200.00	6,199.37	127.35	21.50	-89.73	5,157.81	-71.98	4,416.98	4,298.74	118.24	37.355	
13,000.00	6,227.00	6,200.00	6,199.37	128.54	21.50	-89.73	5,157.81	-71.98	4,432.90	4,314.40	118.50	37.409	
13,100.00	6,227.00	6,200.00	6,199.37	129.74	21.50	-89.73	5,157.81	-71.98	4,451.01	4,332.27	118.74	37.485	
13,200.00	6,227.00	6,200.00	6,199.37	130.97	21.50	-89.73	5,157.81	-71.98	4,471.29	4,352.33	118.96	37.585	
13,300.00	6,227.00	6,200.00	6,199.37	132.21	21.50	-89.73	5,157.81	-71.98	4,493.70	4,374.53	119.17	37.708	
13,400.00	6,227.00	6,200.00	6,199.37	133.47	21.50	-89.73	5,157.81	-71.98	4,518.22	4,398.85	119.36	37.853	
13,500.00	6,227.00	6,200.00	6,199.37	134.74	21.50	-89.73	5,157.81	-71.98	4,544.80	4,425.26	119.54	38.020	
13,600.00	6,227.00	6,200.00	6,199.37	136.03	21.50	-89.73	5,157.81	-71.98	4,573.41	4,453.72	119.69	38.209	
13,700.00	6,227.00	6,200.00	6,199.37	137.34	21.50	-89.73	5,157.81	-71.98	4,604.02	4,484.19	119.84	38.420	
13,800.00	6,227.00	6,200.00	6,199.37	138.67	21.50	-89.73	5,157.81	-71.98	4,636.59	4,516.63	119.96	38.651	
13,900.00	6,227.00	6,200.00	6,199.37	140.00	21.50	-89.73	5,157.81	-71.98	4,671.07	4,551.00	120.07	38.903	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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: 100-GYRO-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
14,000.00	6,227.00	6,200.00	6,199.37	141.36	21.50	-89.73	5,157.81	-71.98	4,707.42	4,587.25	120.17	39.174	
14,100.00	6,227.00	6,200.00	6,199.37	142.72	21.50	-89.73	5,157.81	-71.98	4,745.60	4,625.35	120.25	39.466	
14,200.00	6,227.00	6,195.11	6,194.48	144.10	21.48	-89.67	5,157.84	-71.96	4,785.56	4,665.29	120.28	39.788	
14,300.00	6,227.00	6,194.62	6,194.00	145.49	21.48	-89.66	5,157.84	-71.96	4,827.27	4,706.94	120.33	40.118	
14,400.00	6,227.00	6,194.14	6,193.51	146.90	21.48	-89.65	5,157.84	-71.95	4,870.67	4,750.31	120.36	40.467	
14,500.00	6,227.00	6,193.65	6,193.03	148.31	21.48	-89.65	5,157.85	-71.95	4,915.72	4,795.33	120.39	40.832	
14,600.00	6,227.00	6,193.17	6,192.54	149.74	21.47	-89.64	5,157.85	-71.95	4,962.38	4,841.98	120.40	41.215	
14,700.00	6,227.00	6,192.68	6,192.06	151.18	21.47	-89.63	5,157.85	-71.95	5,010.60	4,890.20	120.40	41.615	
14,800.00	6,227.00	6,192.20	6,191.57	152.62	21.47	-89.63	5,157.86	-71.95	5,060.34	4,939.94	120.40	42.030	
14,900.00	6,227.00	6,191.71	6,191.09	154.08	21.47	-89.62	5,157.86	-71.95	5,111.55	4,991.17	120.38	42.461	
15,000.00	6,227.00	6,191.23	6,190.60	155.55	21.47	-89.61	5,157.86	-71.94	5,164.19	5,043.84	120.36	42.908	
15,100.00	6,227.00	6,190.74	6,190.12	157.03	21.47	-89.61	5,157.86	-71.94	5,218.22	5,097.89	120.32	43.369	
15,200.00	6,227.00	6,190.26	6,189.63	158.51	21.46	-89.60	5,157.87	-71.94	5,273.58	5,153.30	120.28	43.844	
15,300.00	6,227.00	6,189.77	6,189.15	160.01	21.46	-89.60	5,157.87	-71.94	5,330.25	5,210.02	120.23	44.333	
15,400.00	6,227.00	6,189.29	6,188.66	161.51	21.46	-89.59	5,157.87	-71.94	5,388.18	5,268.00	120.18	44.835	
15,500.00	6,227.00	6,188.80	6,188.17	163.02	21.46	-89.58	5,157.87	-71.94	5,447.33	5,327.21	120.12	45.350	
15,600.00	6,227.00	6,188.31	6,187.69	164.54	21.46	-89.58	5,157.88	-71.93	5,507.66	5,387.61	120.05	45.877	
15,700.00	6,227.00	6,187.83	6,187.20	166.06	21.46	-89.57	5,157.88	-71.93	5,569.13	5,449.15	119.98	46.417	
15,800.00	6,227.00	6,187.34	6,186.72	167.59	21.45	-89.56	5,157.88	-71.93	5,631.71	5,511.80	119.91	46.967	
15,900.00	6,227.00	6,186.85	6,186.23	169.13	21.45	-89.56	5,157.88	-71.93	5,695.35	5,575.52	119.83	47.530	
16,000.00	6,227.00	6,186.37	6,185.74	170.68	21.45	-89.55	5,157.89	-71.93	5,760.03	5,640.28	119.75	48.102	
16,100.00	6,227.00	6,185.88	6,185.25	172.23	21.45	-89.54	5,157.89	-71.93	5,825.70	5,706.05	119.66	48.686	
16,200.00	6,227.00	6,185.39	6,184.77	173.78	21.45	-89.54	5,157.89	-71.93	5,892.35	5,772.77	119.57	49.279	
16,300.00	6,227.00	6,184.91	6,184.28	175.35	21.45	-89.53	5,157.89	-71.92	5,959.92	5,840.44	119.48	49.882	
16,400.00	6,227.00	6,184.42	6,183.79	176.92	21.44	-89.53	5,157.90	-71.92	6,028.39	5,909.01	119.39	50.494	
16,500.00	6,227.00	6,183.93	6,183.31	178.49	21.44	-89.52	5,157.90	-71.92	6,097.74	5,978.45	119.29	51.115	
16,600.00	6,227.00	6,183.44	6,182.82	180.07	21.44	-89.51	5,157.90	-71.92	6,167.93	6,048.73	119.20	51.745	
16,700.00	6,227.00	6,182.96	6,182.33	181.65	21.44	-89.51	5,157.90	-71.92	6,238.93	6,119.83	119.10	52.383	
16,800.00	6,227.00	6,182.47	6,181.84	183.24	21.44	-89.50	5,157.91	-71.92	6,310.72	6,191.71	119.00	53.029	
16,900.00	6,227.00	6,181.98	6,181.35	184.84	21.44	-89.49	5,157.91	-71.91	6,383.26	6,264.36	118.91	53.683	
17,000.00	6,227.00	6,181.49	6,180.87	186.43	21.43	-89.49	5,157.91	-71.91	6,456.54	6,337.73	118.81	54.344	
17,100.00	6,227.00	6,181.00	6,180.38	188.04	21.43	-89.48	5,157.91	-71.91	6,530.53	6,411.82	118.71	55.013	
17,200.00	6,227.00	6,180.51	6,179.89	189.64	21.43	-89.47	5,157.92	-71.91	6,605.21	6,486.59	118.61	55.688	
17,300.00	6,227.00	6,180.03	6,179.40	191.25	21.43	-89.47	5,157.92	-71.91	6,680.54	6,562.03	118.51	56.370	
17,400.00	6,227.00	6,179.54	6,178.91	192.87	21.43	-89.46	5,157.92	-71.91	6,756.52	6,638.10	118.41	57.059	
17,500.00	6,227.00	6,179.05	6,178.42	194.48	21.42	-89.45	5,157.93	-71.91	6,833.11	6,714.80	118.32	57.753	
17,600.00	6,227.00	6,178.56	6,177.93	196.11	21.42	-89.45	5,157.93	-71.90	6,910.31	6,792.09	118.22	58.454	
17,677.76	6,227.00	6,178.18	6,177.55	197.37	21.42	-89.44	5,157.93	-71.90	6,970.73	6,852.58	118.14	59.002	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-01 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+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	-68.89	46.26	-119.83	128.45				
100.00	100.00	100.00	100.00	0.27	0.27	-68.89	46.26	-119.83	128.45	127.91	0.54	238.882	CC, ES
200.00	199.98	199.98	199.98	0.62	0.63	-153.88	46.26	-119.83	130.01	128.76	1.25	103.957	
300.00	299.84	299.84	299.84	0.99	0.99	-154.82	46.26	-119.83	134.73	132.76	1.97	68.398	
400.00	399.45	399.45	399.45	1.36	1.34	-156.25	46.26	-119.83	142.67	139.98	2.69	52.966	
500.00	498.70	498.70	498.70	1.75	1.70	-157.99	46.26	-119.83	153.91	150.49	3.42	44.994	
600.00	597.47	597.47	597.47	2.18	2.05	-159.88	46.26	-119.83	168.54	164.39	4.15	40.608	
700.00	695.62	695.62	695.62	2.63	2.40	-161.78	46.26	-119.83	186.60	181.71	4.88	38.224	
800.00	793.06	793.06	793.06	3.12	2.75	-163.58	46.26	-119.83	208.12	202.51	5.61	37.071	
900.00	889.64	887.52	887.50	3.66	3.09	-164.88	47.58	-120.02	233.52	227.18	6.34	36.833	
1,000.00	985.27	980.79	980.67	4.25	3.43	-165.41	51.89	-120.65	263.18	256.11	7.07	37.246	
1,100.00	1,079.82	1,075.06	1,074.77	4.89	3.77	-165.71	57.54	-121.47	296.45	288.64	7.80	37.987	
1,200.00	1,173.17	1,168.13	1,167.67	5.58	4.10	-166.05	63.11	-122.28	332.91	324.36	8.54	38.964	
1,300.00	1,265.21	1,259.89	1,259.25	6.34	4.43	-166.41	68.61	-123.08	372.53	363.24	9.29	40.119	
1,400.00	1,355.84	1,350.21	1,349.42	7.16	4.76	-166.77	74.02	-123.87	415.27	405.24	10.03	41.414	
1,500.00	1,444.94	1,439.01	1,438.05	8.05	5.08	-167.11	79.34	-124.64	461.09	450.32	10.77	42.820	
1,600.00	1,532.39	1,526.15	1,525.03	9.02	5.40	-167.43	84.56	-125.40	509.94	498.44	11.51	44.317	
1,700.00	1,618.11	1,611.55	1,610.27	10.05	5.72	-167.73	89.68	-126.14	561.78	549.54	12.24	45.889	
1,800.00	1,701.97	1,695.09	1,693.66	11.16	6.02	-167.99	94.69	-126.87	616.54	603.56	12.97	47.525	
1,900.00	1,783.88	1,776.67	1,775.09	12.35	6.32	-168.23	99.57	-127.58	674.15	660.46	13.70	49.216	
2,000.00	1,863.74	1,856.20	1,854.47	13.61	6.61	-168.43	104.34	-128.27	734.56	720.15	14.42	50.957	
2,100.00	1,941.45	1,933.57	1,931.70	14.95	6.90	-168.60	108.97	-128.95	797.70	782.58	15.12	52.744	
2,112.50	1,951.01	1,943.09	1,941.20	15.12	6.93	-168.62	109.55	-129.03	805.78	790.56	15.22	52.953	
2,200.00	2,017.79	2,009.57	2,007.57	16.35	7.18	-169.02	113.53	-129.61	862.49	846.67	15.82	54.505	
2,300.00	2,094.11	2,085.56	2,083.41	17.76	7.45	-169.41	118.08	-130.27	927.34	910.82	16.52	56.130	
2,400.00	2,170.44	2,161.54	2,159.25	19.17	7.73	-169.76	122.63	-130.93	992.20	974.98	17.22	57.613	
2,500.00	2,246.76	2,237.52	2,235.10	20.60	8.01	-170.06	127.19	-131.59	1,057.08	1,039.16	17.93	58.970	
2,600.00	2,323.08	2,313.50	2,310.94	22.03	8.29	-170.32	131.74	-132.26	1,121.98	1,103.35	18.63	60.217	
2,700.00	2,399.41	2,389.49	2,386.78	23.47	8.57	-170.56	136.29	-132.92	1,186.89	1,167.55	19.34	61.365	
2,800.00	2,475.73	2,465.47	2,462.63	24.91	8.85	-170.77	140.84	-133.58	1,251.81	1,231.76	20.05	62.425	
2,900.00	2,552.05	2,541.45	2,538.47	26.36	9.13	-170.97	145.40	-134.24	1,316.74	1,295.98	20.77	63.407	
3,000.00	2,628.38	2,617.44	2,614.31	27.80	9.41	-171.14	149.95	-134.90	1,381.68	1,360.20	21.48	64.319	
3,100.00	2,704.70	2,693.42	2,690.16	29.25	9.69	-171.30	154.50	-135.56	1,446.62	1,424.43	22.20	65.167	
3,200.00	2,781.02	2,769.40	2,766.00	30.71	9.97	-171.44	159.05	-136.23	1,511.57	1,488.66	22.92	65.958	
3,300.00	2,857.35	2,845.38	2,841.85	32.16	10.25	-171.57	163.61	-136.89	1,576.53	1,552.89	23.64	66.697	
3,400.00	2,933.67	2,921.37	2,917.69	33.62	10.53	-171.70	168.16	-137.55	1,641.49	1,617.13	24.36	67.390	
3,500.00	3,009.99	2,997.35	2,993.53	35.07	10.81	-171.81	172.71	-138.21	1,706.45	1,681.37	25.08	68.039	
3,600.00	3,086.31	3,073.33	3,069.38	36.53	11.09	-171.91	177.26	-138.87	1,771.42	1,745.62	25.80	68.649	
3,700.00	3,162.64	3,149.32	3,145.22	37.99	11.38	-172.01	181.82	-139.53	1,836.39	1,809.86	26.53	69.223	
3,800.00	3,238.96	3,225.30	3,221.06	39.45	11.66	-172.10	186.37	-140.20	1,901.36	1,874.11	27.25	69.765	
3,900.00	3,315.28	3,301.28	3,296.91	40.91	11.94	-172.19	190.92	-140.86	1,966.34	1,938.36	27.98	70.276	
4,000.00	3,391.61	3,377.27	3,372.75	42.37	12.22	-172.27	195.47	-141.52	2,031.32	2,002.61	28.71	70.759	
4,100.00	3,467.93	3,453.25	3,448.59	43.84	12.50	-172.34	200.03	-142.18	2,096.30	2,066.86	29.44	71.217	
4,200.00	3,544.25	3,529.23	3,524.44	45.30	12.78	-172.41	204.58	-142.84	2,161.28	2,131.12	30.16	71.651	
4,300.00	3,620.58	3,605.21	3,600.28	46.76	13.06	-172.48	209.13	-143.50	2,226.27	2,195.37	30.89	72.063	
4,400.00	3,696.90	3,681.20	3,676.12	48.23	13.34	-172.54	213.68	-144.17	2,291.25	2,259.63	31.62	72.454	
4,500.00	3,773.22	3,757.18	3,751.97	49.69	13.62	-172.60	218.24	-144.83	2,356.24	2,323.88	32.35	72.826	
4,600.00	3,849.55	3,833.16	3,827.81	51.16	13.90	-172.65	222.79	-145.49	2,421.23	2,388.14	33.09	73.180	
4,700.00	3,925.87	3,909.15	3,903.66	52.62	14.18	-172.70	227.34	-146.15	2,486.22	2,452.40	33.82	73.518	
4,800.00	4,002.19	3,985.13	3,979.50	54.09	14.46	-172.75	231.89	-146.81	2,551.21	2,516.66	34.55	73.840	
4,900.00	4,078.51	4,061.11	4,055.34	55.56	14.74	-172.80	236.45	-147.47	2,616.20	2,580.92	35.28	74.148	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-01 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,154.84	4,137.10	4,131.19	57.02	15.02	-172.85	241.00	-148.14	2,681.19	2,645.18	36.02	74.442		
5,100.00	4,231.16	4,213.08	4,207.03	58.49	15.30	-172.89	245.55	-148.80	2,746.19	2,709.43	36.75	74.724		
5,200.00	4,307.48	4,289.06	4,282.87	59.96	15.59	-172.93	250.10	-149.46	2,811.18	2,773.69	37.49	74.993		
5,300.00	4,383.81	4,365.04	4,358.72	61.43	15.87	-172.97	254.66	-150.12	2,876.18	2,837.95	38.22	75.251		
5,400.00	4,460.13	4,441.03	4,434.56	62.89	16.15	-173.01	259.21	-150.78	2,941.17	2,902.22	38.96	75.499		
5,500.00	4,536.45	4,517.01	4,510.40	64.36	16.43	-173.04	263.76	-151.45	3,006.17	2,966.48	39.69	75.736		
5,600.00	4,612.78	4,592.99	4,586.25	65.83	16.71	-173.08	268.31	-152.11	3,071.17	3,030.74	40.43	75.964		
5,700.00	4,689.10	4,668.98	4,662.09	67.30	16.99	-173.11	272.86	-152.77	3,136.16	3,095.00	41.17	76.183		
5,800.00	4,765.42	4,744.96	4,737.93	68.77	17.27	-173.14	277.42	-153.43	3,201.16	3,159.26	41.90	76.394		
5,900.00	4,841.75	4,820.94	4,813.78	70.24	17.55	-173.17	281.97	-154.09	3,266.16	3,223.52	42.64	76.596		
6,000.00	4,918.07	4,896.93	4,889.62	71.70	17.83	-173.20	286.52	-154.75	3,331.16	3,287.78	43.38	76.791		
6,100.00	4,994.39	4,972.91	4,965.47	73.17	18.11	-173.23	291.07	-155.42	3,396.16	3,352.04	44.12	76.979		
6,200.00	5,070.72	5,048.89	5,041.31	74.64	18.39	-173.26	295.63	-156.08	3,461.16	3,416.31	44.86	77.159		
6,300.00	5,147.04	5,124.87	5,117.15	76.11	18.68	-173.28	300.18	-156.74	3,526.16	3,480.57	45.60	77.333		
6,400.00	5,223.36	5,200.86	5,193.00	77.58	18.96	-173.31	304.73	-157.40	3,591.17	3,544.83	46.34	77.501		
6,500.00	5,299.68	5,276.84	5,268.84	79.05	19.24	-173.33	309.28	-158.06	3,656.17	3,609.09	47.08	77.663		
6,600.00	5,376.01	5,352.82	5,344.68	80.52	19.52	-173.35	313.84	-158.72	3,721.17	3,673.35	47.82	77.820		
6,700.00	5,452.33	5,428.81	5,420.53	81.99	19.80	-173.38	318.39	-159.39	3,786.17	3,737.61	48.56	77.971		
6,800.00	5,528.65	5,504.79	5,496.37	83.46	20.08	-173.40	322.94	-160.05	3,851.18	3,801.88	49.30	78.117		
6,900.00	5,604.98	5,580.77	5,572.21	84.93	20.36	-173.42	327.49	-160.71	3,916.18	3,866.14	50.04	78.258		
7,000.00	5,681.30	5,656.75	5,648.06	86.40	20.64	-173.44	332.05	-161.37	3,981.18	3,930.40	50.78	78.394		
7,100.00	5,757.62	5,739.45	5,730.47	87.87	20.95	-173.43	338.56	-162.06	4,046.16	3,994.56	51.60	78.417		
7,176.71	5,816.17	5,807.95	5,797.65	89.00	21.24	-173.28	351.74	-162.50	4,095.85	4,043.53	52.32	78.284		
7,200.00	5,833.92	5,828.45	5,817.39	89.34	21.33	-168.52	357.23	-162.61	4,110.90	4,058.35	52.55	78.231		
7,250.00	5,871.73	5,872.56	5,859.14	90.07	21.53	-158.58	371.42	-162.78	4,142.93	4,089.88	53.05	78.091		
7,300.00	5,908.91	5,917.02	5,900.00	90.78	21.74	-149.15	388.94	-162.90	4,174.40	4,120.82	53.58	77.907		
7,350.00	5,945.18	5,962.08	5,939.89	91.48	21.97	-140.41	409.86	-162.94	4,205.07	4,150.93	54.14	77.673		
7,400.00	5,980.26	6,007.94	5,978.68	92.14	22.21	-132.43	434.31	-162.93	4,234.68	4,179.96	54.72	77.383		
7,450.00	6,013.88	6,054.77	6,016.14	92.77	22.48	-125.25	462.39	-162.84	4,263.02	4,207.68	55.34	77.032		
7,500.00	6,045.79	6,102.71	6,051.98	93.36	22.76	-118.88	494.20	-162.67	4,289.86	4,233.87	55.99	76.616		
7,550.00	6,075.75	6,151.82	6,085.81	93.90	23.07	-113.28	529.79	-162.43	4,314.99	4,258.31	56.68	76.129		
7,600.00	6,103.52	6,202.14	6,117.18	94.40	23.41	-108.42	569.11	-162.10	4,338.22	4,280.82	57.41	75.572		
7,650.00	6,128.89	6,253.62	6,145.58	94.85	23.78	-104.22	612.03	-161.68	4,359.37	4,301.20	58.17	74.943		
7,700.00	6,151.68	6,306.16	6,170.47	95.25	24.18	-100.66	658.27	-161.18	4,378.27	4,319.30	58.97	74.247		
7,750.00	6,171.71	6,359.59	6,191.33	95.60	24.60	-97.67	707.43	-160.59	4,394.77	4,334.97	59.80	73.490		
7,800.00	6,188.82	6,413.65	6,207.69	95.91	25.06	-95.21	758.93	-159.92	4,408.75	4,348.09	60.66	72.682		
7,850.00	6,202.89	6,468.06	6,219.18	96.16	25.54	-93.25	812.09	-159.17	4,420.10	4,358.57	61.53	71.835		
7,900.00	6,213.81	6,522.48	6,225.58	96.38	26.03	-91.75	866.11	-158.36	4,428.73	4,366.32	62.41	70.962		
7,950.00	6,221.49	6,575.41	6,227.00	96.55	26.53	-90.70	919.00	-157.52	4,434.59	4,371.33	63.26	70.100		
8,000.00	6,225.88	6,625.11	6,227.00	96.69	27.02	-90.12	968.69	-156.72	4,437.66	4,373.58	64.08	69.253		
8,040.96	6,227.00	6,666.04	6,227.00	96.77	27.43	-90.00	1,009.61	-156.06	4,438.09	4,373.31	64.77	68.518		
8,100.00	6,227.00	6,725.08	6,227.00	96.88	28.05	-90.00	1,068.64	-155.11	4,437.34	4,371.53	65.81	67.428		
8,200.00	6,227.00	6,825.07	6,227.00	97.07	29.15	-90.00	1,168.62	-153.50	4,436.08	4,368.40	67.68	65.546		
8,300.00	6,227.00	6,925.06	6,227.00	97.28	30.32	-90.00	1,268.60	-151.89	4,434.82	4,365.14	69.68	63.648		
8,400.00	6,227.00	7,025.05	6,227.00	97.49	31.54	-90.00	1,368.58	-150.28	4,433.56	4,361.76	71.79	61.755		
8,500.00	6,227.00	7,125.05	6,227.00	97.72	32.82	-90.00	1,468.56	-148.67	4,432.29	4,358.28	74.01	59.884		
8,600.00	6,227.00	7,225.04	6,227.00	97.97	34.13	-90.00	1,568.54	-147.06	4,431.03	4,354.70	76.33	58.048		
8,700.00	6,227.00	7,325.03	6,227.00	98.23	35.49	-90.00	1,668.52	-145.44	4,429.77	4,351.03	78.74	56.256		
8,800.00	6,227.00	7,425.02	6,227.00	98.50	36.88	-90.00	1,768.50	-143.83	4,428.51	4,347.28	81.23	54.517		
8,900.00	6,227.00	7,525.01	6,227.00	98.79	38.31	-90.00	1,868.48	-142.22	4,427.25	4,343.45	83.80	52.834		
9,000.00	6,227.00	7,625.01	6,227.00	99.09	39.76	-90.00	1,968.46	-140.61	4,425.99	4,339.56	86.43	51.211		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-01 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	6,227.00	7,725.00	6,227.00	99.41	41.23	-90.00	2,068.43	-139.00	4,424.73	4,335.61	89.12	49.650		
9,200.00	6,227.00	7,824.99	6,227.00	99.75	42.73	-90.00	2,168.41	-137.39	4,423.46	4,331.60	91.87	48.151		
9,300.00	6,227.00	7,924.98	6,227.00	100.10	44.25	-90.00	2,268.39	-135.78	4,422.20	4,327.54	94.67	46.714		
9,400.00	6,227.00	8,024.97	6,227.00	100.47	45.78	-90.00	2,368.37	-134.17	4,420.94	4,323.43	97.51	45.337		
9,500.00	6,227.00	8,124.97	6,227.00	100.86	47.34	-90.00	2,468.35	-132.56	4,419.68	4,319.28	100.40	44.020		
9,600.00	6,227.00	8,224.96	6,227.00	101.26	48.90	-90.00	2,568.33	-130.95	4,418.42	4,315.09	103.33	42.760		
9,700.00	6,227.00	8,324.95	6,227.00	101.68	50.48	-90.00	2,668.31	-129.33	4,417.16	4,310.86	106.30	41.555		
9,800.00	6,227.00	8,424.94	6,227.00	102.13	52.08	-90.00	2,768.29	-127.72	4,415.90	4,306.60	109.30	40.403		
9,900.00	6,227.00	8,524.93	6,227.00	102.59	53.68	-90.00	2,868.27	-126.11	4,414.63	4,302.31	112.33	39.302		
10,000.00	6,227.00	8,624.93	6,227.00	103.07	55.29	-90.00	2,968.25	-124.50	4,413.37	4,297.99	115.39	38.249		
10,100.00	6,227.00	8,724.92	6,227.00	103.58	56.92	-90.00	3,068.23	-122.89	4,412.11	4,293.64	118.47	37.242		
10,200.00	6,227.00	8,824.91	6,227.00	104.10	58.55	-90.00	3,168.20	-121.28	4,410.85	4,289.27	121.58	36.279		
10,300.00	6,227.00	8,924.90	6,227.00	104.65	60.19	-90.00	3,268.18	-119.67	4,409.59	4,284.87	124.71	35.358		
10,400.00	6,227.00	9,024.89	6,227.00	105.22	61.83	-90.00	3,368.16	-118.06	4,408.33	4,280.46	127.87	34.476		
10,500.00	6,227.00	9,124.89	6,227.00	105.82	63.49	-90.00	3,468.14	-116.45	4,407.07	4,276.03	131.04	33.631		
10,600.00	6,227.00	9,224.88	6,227.00	106.43	65.15	-90.00	3,568.12	-114.83	4,405.80	4,271.57	134.23	32.823		
10,700.00	6,227.00	9,324.87	6,227.00	107.07	66.81	-90.00	3,668.10	-113.22	4,404.54	4,267.10	137.44	32.047		
10,800.00	6,227.00	9,424.86	6,227.00	107.74	68.48	-90.00	3,768.08	-111.61	4,403.28	4,262.62	140.66	31.304		
10,900.00	6,227.00	9,524.85	6,227.00	108.42	70.16	-90.00	3,868.06	-110.00	4,402.02	4,258.12	143.90	30.591		
11,000.00	6,227.00	9,624.85	6,227.00	109.14	71.84	-90.00	3,968.04	-108.39	4,400.76	4,253.60	147.15	29.906		
11,100.00	6,227.00	9,724.84	6,227.00	109.87	73.52	-90.00	4,068.02	-106.78	4,399.50	4,249.08	150.42	29.248		
11,200.00	6,227.00	9,824.83	6,227.00	110.64	75.21	-90.00	4,168.00	-105.17	4,398.23	4,244.54	153.70	28.616		
11,300.00	6,227.00	9,924.82	6,227.00	111.43	76.90	-90.00	4,267.97	-103.56	4,396.97	4,239.99	156.99	28.009		
11,400.00	6,227.00	10,024.81	6,227.00	112.24	78.59	-90.00	4,367.95	-101.95	4,395.71	4,235.43	160.28	27.424		
11,500.00	6,227.00	10,124.81	6,227.00	113.08	80.29	-90.00	4,467.93	-100.33	4,394.45	4,230.86	163.59	26.862		
11,600.00	6,227.00	10,224.80	6,227.00	113.94	81.99	-90.00	4,567.91	-98.72	4,393.19	4,226.28	166.91	26.320		
11,700.00	6,227.00	10,324.79	6,227.00	114.83	83.70	-90.00	4,667.89	-97.11	4,391.93	4,221.69	170.24	25.798		
11,800.00	6,227.00	10,424.78	6,227.00	115.74	85.40	-90.00	4,767.87	-95.50	4,390.67	4,217.09	173.58	25.295		
11,900.00	6,227.00	10,524.78	6,227.00	116.68	87.11	-90.00	4,867.85	-93.89	4,389.40	4,212.48	176.92	24.810		
12,000.00	6,227.00	10,624.77	6,227.00	117.64	88.82	-90.00	4,967.83	-92.28	4,388.14	4,207.87	180.27	24.342		
12,100.00	6,227.00	10,724.76	6,227.00	118.63	90.53	-90.00	5,067.81	-90.67	4,386.88	4,203.25	183.63	23.890		
12,200.00	6,227.00	10,824.75	6,227.00	119.64	92.25	-90.00	5,167.79	-89.06	4,385.62	4,198.62	187.00	23.453		
12,300.00	6,227.00	10,924.74	6,227.00	120.68	93.97	-90.00	5,267.76	-87.45	4,384.36	4,193.99	190.37	23.031		
12,400.00	6,227.00	10,974.09	6,227.00	121.74	94.82	-90.00	5,317.10	-86.65	4,383.39	4,191.16	192.23	22.803		
12,404.60	6,227.00	10,974.09	6,227.00	121.79	94.82	-90.00	5,317.10	-86.65	4,383.39	4,191.14	192.24	22.801		
12,500.00	6,227.00	10,974.09	6,227.00	122.82	94.82	-90.00	5,317.10	-86.65	4,384.42	4,191.86	192.56	22.769		
12,600.00	6,227.00	10,974.09	6,227.00	123.92	94.82	-90.00	5,317.10	-86.65	4,387.74	4,194.90	192.84	22.753 SF		
12,700.00	6,227.00	10,974.09	6,227.00	125.04	94.82	-90.00	5,317.10	-86.65	4,393.33	4,200.27	193.05	22.757		
12,800.00	6,227.00	10,974.09	6,227.00	126.19	94.82	-90.00	5,317.10	-86.65	4,401.18	4,207.97	193.21	22.780		
12,900.00	6,227.00	10,974.09	6,227.00	127.35	94.82	-90.00	5,317.10	-86.65	4,411.29	4,217.99	193.29	22.822		
13,000.00	6,227.00	10,974.09	6,227.00	128.54	94.82	-90.00	5,317.10	-86.65	4,423.63	4,230.31	193.32	22.882		
13,100.00	6,227.00	10,974.09	6,227.00	129.74	94.82	-90.00	5,317.10	-86.65	4,438.20	4,244.91	193.29	22.961		
13,200.00	6,227.00	10,974.09	6,227.00	130.97	94.82	-90.00	5,317.10	-86.65	4,454.96	4,261.76	193.20	23.059		
13,300.00	6,227.00	10,974.09	6,227.00	132.21	94.82	-90.00	5,317.10	-86.65	4,473.90	4,280.85	193.05	23.175		
13,400.00	6,227.00	10,974.09	6,227.00	133.47	94.82	-90.00	5,317.10	-86.65	4,494.98	4,302.14	192.84	23.309		
13,500.00	6,227.00	10,974.09	6,227.00	134.74	94.82	-90.00	5,317.10	-86.65	4,518.17	4,325.59	192.58	23.462		
13,600.00	6,227.00	10,974.09	6,227.00	136.03	94.82	-90.00	5,317.10	-86.65	4,543.45	4,351.19	192.26	23.632		
13,700.00	6,227.00	10,974.09	6,227.00	137.34	94.82	-90.00	5,317.10	-86.65	4,570.78	4,378.88	191.90	23.819		
13,800.00	6,227.00	10,974.09	6,227.00	138.67	94.82	-90.00	5,317.10	-86.65	4,600.12	4,408.64	191.48	24.024		
13,900.00	6,227.00	10,974.09	6,227.00	140.00	94.82	-90.00	5,317.10	-86.65	4,631.43	4,440.41	191.02	24.246		
14,000.00	6,227.00	10,974.09	6,227.00	141.36	94.82	-90.00	5,317.10	-86.65	4,664.68	4,474.16	190.52	24.484		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-01 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,100.00	6,227.00	10,974.09	6,227.00	142.72	94.82	-90.00	5,317.10	-86.65	4,699.82	4,509.85	189.97	24.740	
14,200.00	6,227.00	10,974.09	6,227.00	144.10	94.82	-90.00	5,317.10	-86.65	4,736.81	4,547.42	189.39	25.011	
14,300.00	6,227.00	10,974.09	6,227.00	145.49	94.82	-90.00	5,317.10	-86.65	4,775.61	4,586.84	188.77	25.299	
14,400.00	6,227.00	10,974.09	6,227.00	146.90	94.82	-90.00	5,317.10	-86.65	4,816.17	4,628.05	188.12	25.602	
14,500.00	6,227.00	10,974.09	6,227.00	148.31	94.82	-90.00	5,317.10	-86.65	4,858.45	4,671.02	187.44	25.920	
14,600.00	6,227.00	10,974.09	6,227.00	149.74	94.82	-90.00	5,317.10	-86.65	4,902.41	4,715.69	186.73	26.254	
14,700.00	6,227.00	10,974.09	6,227.00	151.18	94.82	-90.00	5,317.10	-86.65	4,948.00	4,762.01	185.99	26.603	
14,800.00	6,227.00	10,974.09	6,227.00	152.62	94.82	-90.00	5,317.10	-86.65	4,995.18	4,809.94	185.24	26.966	
14,900.00	6,227.00	10,974.09	6,227.00	154.08	94.82	-90.00	5,317.10	-86.65	5,043.89	4,859.43	184.46	27.344	
15,000.00	6,227.00	10,974.09	6,227.00	155.55	94.82	-90.00	5,317.10	-86.65	5,094.11	4,910.44	183.67	27.736	
15,100.00	6,227.00	10,974.09	6,227.00	157.03	94.82	-90.00	5,317.10	-86.65	5,145.78	4,962.92	182.86	28.141	
15,200.00	6,227.00	10,974.09	6,227.00	158.51	94.82	-90.00	5,317.10	-86.65	5,198.85	5,016.82	182.04	28.560	
15,300.00	6,227.00	10,974.09	6,227.00	160.01	94.82	-90.00	5,317.10	-86.65	5,253.30	5,072.10	181.20	28.991	
15,400.00	6,227.00	10,974.09	6,227.00	161.51	94.82	-90.00	5,317.10	-86.65	5,309.07	5,128.71	180.36	29.436	
15,500.00	6,227.00	10,974.09	6,227.00	163.02	94.82	-90.00	5,317.10	-86.65	5,366.12	5,186.61	179.51	29.893	
15,600.00	6,227.00	10,974.09	6,227.00	164.54	94.82	-90.00	5,317.10	-86.65	5,424.42	5,245.77	178.66	30.363	
15,700.00	6,227.00	10,974.09	6,227.00	166.06	94.82	-90.00	5,317.10	-86.65	5,483.92	5,306.13	177.80	30.844	
15,800.00	6,227.00	10,974.09	6,227.00	167.59	94.82	-90.00	5,317.10	-86.65	5,544.59	5,367.66	176.94	31.337	
15,900.00	6,227.00	10,974.09	6,227.00	169.13	94.82	-90.00	5,317.10	-86.65	5,606.39	5,430.31	176.07	31.841	
16,000.00	6,227.00	10,974.09	6,227.00	170.68	94.82	-90.00	5,317.10	-86.65	5,669.27	5,494.06	175.21	32.357	
16,100.00	6,227.00	10,974.09	6,227.00	172.23	94.82	-90.00	5,317.10	-86.65	5,733.21	5,558.86	174.35	32.883	
16,200.00	6,227.00	10,974.09	6,227.00	173.78	94.82	-90.00	5,317.10	-86.65	5,798.17	5,624.68	173.49	33.420	
16,300.00	6,227.00	10,974.09	6,227.00	175.35	94.82	-90.00	5,317.10	-86.65	5,864.12	5,691.47	172.64	33.967	
16,400.00	6,227.00	10,974.09	6,227.00	176.92	94.82	-90.00	5,317.10	-86.65	5,931.01	5,759.22	171.79	34.524	
16,500.00	6,227.00	10,974.09	6,227.00	178.49	94.82	-90.00	5,317.10	-86.65	5,998.83	5,827.88	170.95	35.091	
16,600.00	6,227.00	10,974.09	6,227.00	180.07	94.82	-90.00	5,317.10	-86.65	6,067.54	5,897.43	170.11	35.667	
16,700.00	6,227.00	10,974.09	6,227.00	181.65	94.82	-90.00	5,317.10	-86.65	6,137.11	5,967.83	169.29	36.253	
16,800.00	6,227.00	10,974.09	6,227.00	183.24	94.82	-90.00	5,317.10	-86.65	6,207.51	6,039.05	168.46	36.848	
16,900.00	6,227.00	10,974.09	6,227.00	184.84	94.82	-90.00	5,317.10	-86.65	6,278.72	6,111.06	167.65	37.451	
17,000.00	6,227.00	10,974.09	6,227.00	186.43	94.82	-90.00	5,317.10	-86.65	6,350.70	6,183.85	166.85	38.063	
17,100.00	6,227.00	10,974.09	6,227.00	188.04	94.82	-90.00	5,317.10	-86.65	6,423.43	6,257.38	166.05	38.683	
17,200.00	6,227.00	10,974.09	6,227.00	189.64	94.82	-90.00	5,317.10	-86.65	6,496.88	6,331.62	165.27	39.312	
17,300.00	6,227.00	10,974.09	6,227.00	191.25	94.82	-90.00	5,317.10	-86.65	6,571.04	6,406.55	164.49	39.948	
17,400.00	6,227.00	10,974.09	6,227.00	192.87	94.82	-90.00	5,317.10	-86.65	6,645.87	6,482.15	163.73	40.591	
17,500.00	6,227.00	10,974.09	6,227.00	194.48	94.82	-90.00	5,317.10	-86.65	6,721.36	6,558.39	162.97	41.243	
17,600.00	6,227.00	10,974.09	6,227.00	196.11	94.82	-90.00	5,317.10	-86.65	6,797.48	6,635.25	162.23	41.901	
17,677.76	6,227.00	10,974.09	6,227.00	197.37	94.82	-90.00	5,317.10	-86.65	6,857.09	6,695.44	161.66	42.418	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-02 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
0.00	0.00	0.00	0.00	0.00	0.00	-77.65	26.23	-119.83	122.67				
100.00	100.00	100.00	100.00	0.27	0.27	-77.65	26.23	-119.83	122.67	122.13	0.54	228.133	CC, ES
200.00	199.98	199.98	199.98	0.62	0.63	-162.55	26.23	-119.83	124.33	123.08	1.25	99.400	
300.00	299.84	299.84	299.84	0.99	0.99	-163.22	26.23	-119.83	129.33	127.36	1.97	65.639	
400.00	399.45	399.45	399.45	1.36	1.34	-164.22	26.23	-119.83	137.70	135.01	2.69	51.121	
500.00	498.70	498.70	498.70	1.75	1.70	-165.43	26.23	-119.83	149.47	146.05	3.42	43.715	
600.00	597.47	597.47	597.47	2.18	2.05	-166.73	26.23	-119.83	164.67	160.52	4.15	39.713	
700.00	695.62	695.62	695.62	2.63	2.40	-168.02	26.23	-119.83	183.30	178.43	4.87	37.601	
800.00	793.06	798.54	798.52	3.12	2.77	-169.00	27.17	-118.42	204.13	198.51	5.62	36.345	
900.00	889.64	902.26	902.10	3.66	3.14	-169.37	30.17	-113.88	225.60	219.23	6.36	35.447	
1,000.00	985.27	1,006.54	1,005.96	4.25	3.51	-169.26	35.28	-106.17	247.65	240.52	7.13	34.757	
1,100.00	1,079.82	1,105.77	1,104.52	4.89	3.88	-168.93	41.61	-96.62	270.98	263.09	7.89	34.356	
1,200.00	1,173.17	1,202.18	1,200.27	5.58	4.24	-168.74	47.83	-87.23	297.53	288.87	8.65	34.383	
1,300.00	1,265.21	1,297.62	1,295.05	6.34	4.61	-168.68	54.00	-77.92	327.36	317.93	9.43	34.730	
1,400.00	1,355.84	1,391.98	1,388.77	7.16	4.97	-168.70	60.09	-68.72	360.44	350.24	10.20	35.325	
1,500.00	1,444.94	1,485.14	1,481.29	8.05	5.34	-168.79	66.11	-59.64	396.74	385.75	10.98	36.118	
1,600.00	1,532.39	1,577.00	1,572.51	9.02	5.69	-168.92	72.04	-50.69	436.21	424.44	11.77	37.070	
1,700.00	1,618.11	1,667.43	1,662.33	10.05	6.05	-169.07	77.88	-41.87	478.81	466.26	12.55	38.152	
1,800.00	1,701.97	1,756.33	1,750.62	11.16	6.40	-169.24	83.62	-33.21	524.51	511.18	13.33	39.342	
1,900.00	1,783.88	1,843.59	1,837.28	12.35	6.75	-169.40	89.26	-24.70	573.24	559.13	14.11	40.623	
2,000.00	1,863.74	1,929.10	1,922.21	13.61	7.08	-169.56	94.78	-16.37	624.96	610.07	14.89	41.982	
2,100.00	1,941.45	2,012.76	2,005.29	14.95	7.42	-169.71	100.19	-8.21	679.60	663.95	15.66	43.410	
2,112.50	1,951.01	2,023.09	2,015.55	15.12	7.46	-169.73	100.85	-7.21	686.64	670.88	15.76	43.580	
2,200.00	2,017.79	2,095.24	2,087.20	16.35	7.75	-170.04	105.51	-0.17	736.04	719.62	16.42	44.829	
2,300.00	2,094.11	2,177.70	2,169.10	17.76	8.07	-170.35	110.84	7.87	792.51	775.33	17.18	46.128	
2,400.00	2,170.44	2,260.16	2,250.99	19.17	8.40	-170.62	116.16	15.90	848.99	831.04	17.95	47.308	
2,500.00	2,246.76	2,342.61	2,332.88	20.60	8.73	-170.86	121.49	23.94	905.48	886.77	18.72	48.382	
2,600.00	2,323.08	2,425.07	2,414.77	22.03	9.06	-171.06	126.81	31.98	961.99	942.50	19.49	49.364	
2,700.00	2,399.41	2,507.53	2,496.67	23.47	9.39	-171.25	132.14	40.02	1,018.50	998.24	20.26	50.264	
2,800.00	2,475.73	2,589.99	2,578.56	24.91	9.73	-171.41	137.47	48.05	1,075.02	1,053.98	21.04	51.093	
2,900.00	2,552.05	2,672.45	2,660.45	26.36	10.06	-171.56	142.79	56.09	1,131.54	1,109.72	21.82	51.857	
3,000.00	2,628.38	2,754.91	2,742.35	27.80	10.39	-171.70	148.12	64.13	1,188.07	1,165.47	22.60	52.565	
3,100.00	2,704.70	2,837.37	2,824.24	29.25	10.72	-171.82	153.44	72.17	1,244.61	1,221.22	23.39	53.221	
3,200.00	2,781.02	2,919.83	2,906.13	30.71	11.05	-171.93	158.77	80.21	1,301.14	1,276.97	24.17	53.831	
3,300.00	2,857.35	3,002.28	2,988.03	32.16	11.38	-172.04	164.09	88.24	1,357.68	1,332.72	24.96	54.400	
3,400.00	2,933.67	3,084.74	3,069.92	33.62	11.72	-172.13	169.42	96.28	1,414.22	1,388.48	25.75	54.931	
3,500.00	3,009.99	3,167.20	3,151.81	35.07	12.05	-172.22	174.74	104.32	1,470.77	1,444.23	26.53	55.429	
3,600.00	3,086.31	3,249.66	3,233.70	36.53	12.38	-172.30	180.07	112.36	1,527.31	1,499.99	27.32	55.895	
3,700.00	3,162.64	3,332.12	3,315.60	37.99	12.71	-172.37	185.40	120.40	1,583.86	1,555.75	28.12	56.333	
3,800.00	3,238.96	3,414.58	3,397.49	39.45	13.05	-172.44	190.72	128.43	1,640.41	1,611.51	28.91	56.745	
3,900.00	3,315.28	3,497.04	3,479.38	40.91	13.38	-172.51	196.05	136.47	1,696.97	1,667.26	29.70	57.134	
4,000.00	3,391.61	3,579.49	3,561.28	42.37	13.71	-172.57	201.37	144.51	1,753.52	1,723.02	30.50	57.501	
4,100.00	3,467.93	3,661.95	3,643.17	43.84	14.05	-172.63	206.70	152.55	1,810.07	1,778.78	31.29	57.848	
4,200.00	3,544.25	3,744.41	3,725.06	45.30	14.38	-172.68	212.02	160.58	1,866.63	1,834.54	32.09	58.176	
4,300.00	3,620.58	3,826.87	3,806.96	46.76	14.71	-172.73	217.35	168.62	1,923.19	1,890.30	32.88	58.488	
4,400.00	3,696.90	3,909.33	3,888.85	48.23	15.05	-172.78	222.67	176.66	1,979.74	1,946.06	33.68	58.783	
4,500.00	3,773.22	3,991.79	3,970.74	49.69	15.38	-172.82	228.00	184.70	2,036.30	2,001.83	34.48	59.064	
4,600.00	3,849.55	4,074.25	4,052.63	51.16	15.71	-172.86	233.33	192.74	2,092.86	2,057.59	35.27	59.331	
4,700.00	3,925.87	4,156.71	4,134.53	52.62	16.05	-172.91	238.65	200.77	2,149.42	2,113.35	36.07	59.586	
4,800.00	4,002.19	4,239.16	4,216.42	54.09	16.38	-172.94	243.98	208.81	2,205.98	2,169.11	36.87	59.828	
4,900.00	4,078.51	4,321.62	4,298.31	55.56	16.72	-172.98	249.30	216.85	2,262.54	2,224.87	37.67	60.060	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-02 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,154.84	4,404.08	4,380.21	57.02	17.05	-173.01	254.63	224.89	2,319.11	2,280.63	38.47	60.281		
5,100.00	4,231.16	4,486.54	4,462.10	58.49	17.38	-173.05	259.95	232.93	2,375.67	2,336.40	39.27	60.493		
5,200.00	4,307.48	4,569.00	4,543.99	59.96	17.72	-173.08	265.28	240.96	2,432.23	2,392.16	40.07	60.695		
5,300.00	4,383.81	4,651.46	4,625.89	61.43	18.05	-173.11	270.60	249.00	2,488.80	2,447.92	40.87	60.889		
5,400.00	4,460.13	4,733.92	4,707.78	62.89	18.38	-173.14	275.93	257.04	2,545.36	2,503.68	41.68	61.075		
5,500.00	4,536.45	4,816.37	4,789.67	64.36	18.72	-173.16	281.26	265.08	2,601.92	2,559.45	42.48	61.253		
5,600.00	4,612.78	4,898.83	4,871.56	65.83	19.05	-173.19	286.58	273.11	2,658.49	2,615.21	43.28	61.424		
5,700.00	4,689.10	4,981.29	4,953.46	67.30	19.39	-173.22	291.91	281.15	2,715.05	2,670.97	44.08	61.588		
5,800.00	4,765.42	5,063.75	5,035.35	68.77	19.72	-173.24	297.23	289.19	2,771.62	2,726.73	44.89	61.746		
5,900.00	4,841.75	5,146.21	5,117.24	70.24	20.06	-173.26	302.56	297.23	2,828.19	2,782.49	45.69	61.898		
6,000.00	4,918.07	5,228.67	5,199.14	71.70	20.39	-173.29	307.88	305.27	2,884.75	2,838.26	46.50	62.044		
6,100.00	4,994.39	5,311.13	5,281.03	73.17	20.72	-173.31	313.21	313.30	2,941.32	2,894.02	47.30	62.185		
6,200.00	5,070.72	5,393.59	5,362.92	74.64	21.06	-173.33	318.53	321.34	2,997.89	2,949.78	48.10	62.320		
6,300.00	5,147.04	5,476.04	5,444.82	76.11	21.39	-173.35	323.86	329.38	3,054.45	3,005.54	48.91	62.451		
6,400.00	5,223.36	5,558.50	5,526.71	77.58	21.73	-173.37	329.19	337.42	3,111.02	3,061.30	49.71	62.577		
6,500.00	5,299.68	5,640.96	5,608.60	79.05	22.06	-173.38	334.51	345.46	3,167.59	3,117.07	50.52	62.699		
6,600.00	5,376.01	5,723.42	5,690.49	80.52	22.40	-173.40	339.84	353.49	3,224.15	3,172.83	51.33	62.816		
6,700.00	5,452.33	5,806.24	5,771.87	81.99	22.80	-173.28	352.61	362.62	3,280.60	3,228.31	52.28	62.748		
6,800.00	5,528.65	5,905.87	5,867.03	83.46	23.22	-172.87	378.82	371.47	3,336.83	3,283.51	53.32	62.580		
6,900.00	5,604.98	5,987.99	5,940.59	84.93	23.64	-172.27	414.29	379.42	3,393.08	3,338.69	54.38	62.390		
7,000.00	5,681.30	6,060.63	6,000.86	86.40	24.03	-171.57	454.19	386.19	3,449.62	3,394.20	55.42	62.242		
7,100.00	5,757.62	6,123.42	6,048.53	87.87	24.39	-170.85	494.63	391.75	3,506.75	3,450.35	56.40	62.173		
7,176.71	5,816.17	6,165.29	6,077.74	89.00	24.65	-170.32	524.41	395.28	3,551.13	3,494.03	57.10	62.193		
7,200.00	5,833.92	6,177.28	6,085.70	89.34	24.72	-165.79	533.32	396.26	3,564.67	3,507.36	57.30	62.206		
7,250.00	5,871.73	6,200.00	6,100.25	90.07	24.87	-156.33	550.66	398.07	3,593.56	3,535.86	57.69	62.287		
7,300.00	5,908.91	6,229.93	6,118.37	90.78	25.06	-147.27	574.38	400.38	3,621.98	3,563.77	58.21	62.223		
7,350.00	5,945.18	6,256.95	6,133.63	91.48	25.25	-138.87	596.57	402.39	3,649.70	3,591.03	58.68	62.202		
7,400.00	5,980.26	6,284.40	6,148.07	92.14	25.44	-131.20	619.84	404.33	3,676.50	3,617.35	59.15	62.158		
7,450.00	6,013.88	6,312.28	6,161.56	92.77	25.64	-124.27	644.16	406.21	3,702.14	3,642.52	59.62	62.093		
7,500.00	6,045.79	6,340.56	6,174.03	93.36	25.84	-118.10	669.47	408.01	3,726.43	3,666.34	60.10	62.008		
7,550.00	6,075.75	6,369.20	6,185.38	93.90	26.06	-112.67	695.71	409.73	3,749.19	3,688.62	60.57	61.900		
7,600.00	6,103.52	6,400.00	6,196.11	94.40	26.30	-107.92	724.53	411.45	3,770.22	3,709.16	61.07	61.739		
7,650.00	6,128.89	6,427.47	6,204.36	94.85	26.53	-103.84	750.68	412.87	3,789.38	3,727.89	61.49	61.627		
7,700.00	6,151.68	6,450.00	6,210.19	95.25	26.71	-100.38	772.42	413.95	3,806.53	3,744.74	61.79	61.607		
7,750.00	6,171.71	6,486.75	6,217.86	95.60	27.02	-97.43	808.32	415.54	3,821.52	3,759.15	62.37	61.276		
7,800.00	6,188.82	6,516.66	6,222.40	95.91	27.28	-95.03	837.86	416.68	3,834.26	3,771.47	62.78	61.070		
7,850.00	6,202.89	6,550.00	6,225.65	96.16	27.57	-93.11	871.02	417.77	3,844.65	3,781.39	63.26	60.776		
7,900.00	6,213.81	6,576.75	6,226.86	96.38	27.82	-91.68	897.73	418.52	3,852.62	3,789.03	63.58	60.592		
7,950.00	6,221.49	6,617.92	6,227.00	96.55	28.20	-90.66	938.88	419.51	3,858.06	3,793.85	64.21	60.086		
8,000.00	6,225.88	6,667.64	6,227.00	96.69	28.67	-90.10	988.59	420.69	3,860.75	3,795.72	65.04	59.362		
8,040.96	6,227.00	6,708.57	6,227.00	96.77	29.08	-90.00	1,029.51	421.66	3,860.87	3,795.14	65.74	58.733		
8,100.00	6,227.00	6,767.60	6,227.00	96.88	29.69	-90.00	1,088.52	423.06	3,859.68	3,792.88	66.80	57.783		
8,200.00	6,227.00	6,867.58	6,227.00	97.07	30.77	-90.00	1,188.48	425.42	3,857.66	3,788.97	68.69	56.159		
8,300.00	6,227.00	6,967.56	6,227.00	97.28	31.91	-90.00	1,288.43	427.79	3,855.64	3,784.93	70.71	54.525		
8,400.00	6,227.00	7,067.54	6,227.00	97.49	33.11	-90.00	1,388.38	430.16	3,853.63	3,780.78	72.85	52.900		
8,500.00	6,227.00	7,167.52	6,227.00	97.72	34.36	-90.00	1,488.33	432.52	3,851.61	3,776.52	75.09	51.297		
8,600.00	6,227.00	7,267.50	6,227.00	97.97	35.65	-90.00	1,588.28	434.89	3,849.59	3,772.17	77.42	49.725		
8,700.00	6,227.00	7,367.48	6,227.00	98.23	36.98	-90.00	1,688.23	437.26	3,847.57	3,767.74	79.84	48.192		
8,800.00	6,227.00	7,467.46	6,227.00	98.50	38.35	-90.00	1,788.19	439.62	3,845.56	3,763.22	82.34	46.705		
8,900.00	6,227.00	7,567.44	6,227.00	98.79	39.75	-90.00	1,888.14	441.99	3,843.54	3,758.63	84.91	45.268		
9,000.00	6,227.00	7,667.42	6,227.00	99.09	41.17	-90.00	1,988.09	444.36	3,841.52	3,753.98	87.54	43.881		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-02 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	6,227.00	7,767.40	6,227.00	99.41	42.62	-90.00	2,088.04	446.73	3,839.50	3,749.26	90.24	42.547		
9,200.00	6,227.00	7,867.38	6,227.00	99.75	44.10	-90.00	2,187.99	449.09	3,837.48	3,744.49	92.99	41.267		
9,300.00	6,227.00	7,967.36	6,227.00	100.10	45.60	-90.00	2,287.94	451.46	3,835.47	3,739.67	95.79	40.038		
9,400.00	6,227.00	8,067.34	6,227.00	100.47	47.11	-90.00	2,387.90	453.83	3,833.45	3,734.81	98.64	38.862		
9,500.00	6,227.00	8,167.32	6,227.00	100.86	48.64	-90.00	2,487.85	456.19	3,831.43	3,729.90	101.53	37.735		
9,600.00	6,227.00	8,267.30	6,227.00	101.26	50.19	-90.00	2,587.80	458.56	3,829.41	3,724.95	104.46	36.658		
9,700.00	6,227.00	8,367.28	6,227.00	101.68	51.75	-90.00	2,687.75	460.93	3,827.40	3,719.97	107.43	35.627		
9,800.00	6,227.00	8,467.26	6,227.00	102.13	53.32	-90.00	2,787.70	463.29	3,825.38	3,714.95	110.43	34.641		
9,900.00	6,227.00	8,567.24	6,227.00	102.59	54.91	-90.00	2,887.65	465.66	3,823.36	3,709.90	113.46	33.698		
10,000.00	6,227.00	8,667.22	6,227.00	103.07	56.51	-90.00	2,987.60	468.03	3,821.34	3,704.83	116.52	32.797		
10,100.00	6,227.00	8,767.20	6,227.00	103.58	58.11	-90.00	3,087.56	470.39	3,819.32	3,699.72	119.60	31.934		
10,200.00	6,227.00	8,867.18	6,227.00	104.10	59.73	-90.00	3,187.51	472.76	3,817.31	3,694.60	122.71	31.109		
10,300.00	6,227.00	8,967.16	6,227.00	104.65	61.35	-90.00	3,287.46	475.13	3,815.29	3,689.45	125.84	30.319		
10,400.00	6,227.00	9,067.13	6,227.00	105.22	62.98	-90.00	3,387.41	477.50	3,813.27	3,684.28	128.99	29.563		
10,500.00	6,227.00	9,167.11	6,227.00	105.82	64.62	-90.00	3,487.36	479.86	3,811.25	3,679.09	132.16	28.838		
10,600.00	6,227.00	9,267.09	6,227.00	106.43	66.27	-90.00	3,587.31	482.23	3,809.24	3,673.89	135.35	28.144		
10,700.00	6,227.00	9,367.07	6,227.00	107.07	67.92	-90.00	3,687.27	484.60	3,807.22	3,668.66	138.55	27.478		
10,800.00	6,227.00	9,467.05	6,227.00	107.74	69.58	-90.00	3,787.22	486.96	3,805.20	3,663.43	141.78	26.840		
10,900.00	6,227.00	9,567.03	6,227.00	108.42	71.24	-90.00	3,887.17	489.33	3,803.18	3,658.17	145.01	26.227		
11,000.00	6,227.00	9,667.01	6,227.00	109.14	72.91	-90.00	3,987.12	491.70	3,801.16	3,652.90	148.26	25.638		
11,100.00	6,227.00	9,766.99	6,227.00	109.87	74.58	-90.00	4,087.07	494.06	3,799.15	3,647.62	151.52	25.073		
11,200.00	6,227.00	9,866.97	6,227.00	110.64	76.25	-90.00	4,187.02	496.43	3,797.13	3,642.33	154.80	24.530		
11,300.00	6,227.00	9,966.95	6,227.00	111.43	77.93	-90.00	4,286.98	498.80	3,795.11	3,637.03	158.08	24.007		
11,400.00	6,227.00	10,066.93	6,227.00	112.24	79.62	-90.00	4,386.93	501.17	3,793.09	3,631.72	161.38	23.504		
11,500.00	6,227.00	10,166.91	6,227.00	113.08	81.31	-90.00	4,486.88	503.53	3,791.08	3,626.39	164.68	23.020		
11,600.00	6,227.00	10,266.89	6,227.00	113.94	83.00	-90.00	4,586.83	505.90	3,789.06	3,621.06	168.00	22.554		
11,700.00	6,227.00	10,366.87	6,227.00	114.83	84.69	-90.00	4,686.78	508.27	3,787.04	3,615.72	171.32	22.104		
11,800.00	6,227.00	10,466.85	6,227.00	115.74	86.39	-90.00	4,786.73	510.63	3,785.02	3,610.37	174.66	21.671		
11,900.00	6,227.00	10,566.83	6,227.00	116.68	88.09	-90.00	4,886.69	513.00	3,783.01	3,605.01	178.00	21.253		
12,000.00	6,227.00	10,666.81	6,227.00	117.64	89.79	-90.00	4,986.64	515.37	3,780.99	3,599.64	181.35	20.850		
12,100.00	6,227.00	10,766.79	6,227.00	118.63	91.49	-90.00	5,086.59	517.73	3,778.97	3,594.27	184.70	20.460		
12,200.00	6,227.00	10,866.77	6,227.00	119.64	93.20	-90.00	5,186.54	520.10	3,776.95	3,588.89	188.06	20.083		
12,300.00	6,227.00	10,966.75	6,227.00	120.68	94.91	-90.00	5,286.49	522.47	3,774.93	3,583.50	191.43	19.719		
12,400.00	6,227.00	10,999.56	6,227.00	121.74	95.47	-90.00	5,319.29	523.24	3,773.51	3,581.00	192.51	19.602 SF		
12,408.97	6,227.00	10,999.56	6,227.00	121.83	95.47	-90.00	5,319.29	523.24	3,773.50	3,581.00	192.50	19.602		
12,500.00	6,227.00	10,999.56	6,227.00	122.82	95.47	-90.00	5,319.29	523.24	3,774.60	3,582.20	192.40	19.618		
12,600.00	6,227.00	10,999.56	6,227.00	123.92	95.47	-90.00	5,319.29	523.24	3,778.34	3,586.13	192.21	19.658		
12,700.00	6,227.00	10,999.56	6,227.00	125.04	95.47	-90.00	5,319.29	523.24	3,784.71	3,592.78	191.93	19.719		
12,800.00	6,227.00	10,999.56	6,227.00	126.19	95.47	-90.00	5,319.29	523.24	3,793.71	3,602.14	191.57	19.803		
12,900.00	6,227.00	10,999.56	6,227.00	127.35	95.47	-90.00	5,319.29	523.24	3,805.32	3,614.18	191.14	19.909		
13,000.00	6,227.00	10,999.56	6,227.00	128.54	95.47	-90.00	5,319.29	523.24	3,819.51	3,628.88	190.62	20.037		
13,100.00	6,227.00	10,999.56	6,227.00	129.74	95.47	-90.00	5,319.29	523.24	3,836.25	3,646.22	190.04	20.187		
13,200.00	6,227.00	10,999.56	6,227.00	130.97	95.47	-90.00	5,319.29	523.24	3,855.52	3,666.14	189.38	20.359		
13,300.00	6,227.00	10,999.56	6,227.00	132.21	95.47	-90.00	5,319.29	523.24	3,877.27	3,688.62	188.66	20.552		
13,400.00	6,227.00	10,999.56	6,227.00	133.47	95.47	-90.00	5,319.29	523.24	3,901.47	3,713.60	187.87	20.767		
13,500.00	6,227.00	10,999.56	6,227.00	134.74	95.47	-90.00	5,319.29	523.24	3,928.06	3,741.04	187.02	21.003		
13,600.00	6,227.00	10,999.56	6,227.00	136.03	95.47	-90.00	5,319.29	523.24	3,957.00	3,770.88	186.12	21.260		
13,700.00	6,227.00	10,999.56	6,227.00	137.34	95.47	-90.00	5,319.29	523.24	3,988.24	3,803.07	185.17	21.538		
13,800.00	6,227.00	10,999.56	6,227.00	138.67	95.47	-90.00	5,319.29	523.24	4,021.73	3,837.55	184.17	21.837		
13,900.00	6,227.00	10,999.56	6,227.00	140.00	95.47	-90.00	5,319.29	523.24	4,057.40	3,874.26	183.14	22.155		
14,000.00	6,227.00	10,999.56	6,227.00	141.36	95.47	-90.00	5,319.29	523.24	4,095.20	3,913.14	182.06	22.493		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-02 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,100.00	6,227.00	10,999.56	6,227.00	142.72	95.47	-90.00	5,319.29	523.24	4,135.08	3,954.13	180.96	22.851	
14,200.00	6,227.00	10,999.56	6,227.00	144.10	95.47	-90.00	5,319.29	523.24	4,176.97	3,997.15	179.82	23.228	
14,300.00	6,227.00	10,999.56	6,227.00	145.49	95.47	-90.00	5,319.29	523.24	4,220.82	4,042.15	178.67	23.624	
14,400.00	6,227.00	10,999.56	6,227.00	146.90	95.47	-90.00	5,319.29	523.24	4,266.56	4,089.07	177.49	24.039	
14,500.00	6,227.00	10,999.56	6,227.00	148.31	95.47	-90.00	5,319.29	523.24	4,314.13	4,137.83	176.30	24.471	
14,600.00	6,227.00	10,999.56	6,227.00	149.74	95.47	-90.00	5,319.29	523.24	4,363.48	4,188.38	175.09	24.921	
14,700.00	6,227.00	10,999.56	6,227.00	151.18	95.47	-90.00	5,319.29	523.24	4,414.54	4,240.66	173.88	25.388	
14,800.00	6,227.00	10,999.56	6,227.00	152.62	95.47	-90.00	5,319.29	523.24	4,467.25	4,294.59	172.66	25.873	
14,900.00	6,227.00	10,999.56	6,227.00	154.08	95.47	-90.00	5,319.29	523.24	4,521.56	4,350.12	171.44	26.373	
15,000.00	6,227.00	10,999.56	6,227.00	155.55	95.47	-90.00	5,319.29	523.24	4,577.42	4,407.19	170.23	26.890	
15,100.00	6,227.00	10,999.56	6,227.00	157.03	95.47	-90.00	5,319.29	523.24	4,634.76	4,465.75	169.01	27.423	
15,200.00	6,227.00	10,999.56	6,227.00	158.51	95.47	-90.00	5,319.29	523.24	4,693.52	4,525.72	167.80	27.971	
15,300.00	6,227.00	10,999.56	6,227.00	160.01	95.47	-90.00	5,319.29	523.24	4,753.67	4,587.07	166.60	28.534	
15,400.00	6,227.00	10,999.56	6,227.00	161.51	95.47	-90.00	5,319.29	523.24	4,815.14	4,649.73	165.41	29.111	
15,500.00	6,227.00	10,999.56	6,227.00	163.02	95.47	-90.00	5,319.29	523.24	4,877.89	4,713.66	164.23	29.702	
15,600.00	6,227.00	10,999.56	6,227.00	164.54	95.47	-90.00	5,319.29	523.24	4,941.86	4,778.80	163.06	30.307	
15,700.00	6,227.00	10,999.56	6,227.00	166.06	95.47	-90.00	5,319.29	523.24	5,007.01	4,845.11	161.90	30.926	
15,800.00	6,227.00	10,999.56	6,227.00	167.59	95.47	-90.00	5,319.29	523.24	5,073.30	4,912.54	160.77	31.557	
15,900.00	6,227.00	10,999.56	6,227.00	169.13	95.47	-90.00	5,319.29	523.24	5,140.68	4,981.04	159.64	32.201	
16,000.00	6,227.00	10,999.56	6,227.00	170.68	95.47	-90.00	5,319.29	523.24	5,209.11	5,050.57	158.54	32.857	
16,100.00	6,227.00	10,999.56	6,227.00	172.23	95.47	-90.00	5,319.29	523.24	5,278.54	5,121.09	157.45	33.524	
16,200.00	6,227.00	10,999.56	6,227.00	173.78	95.47	-90.00	5,319.29	523.24	5,348.95	5,192.56	156.39	34.203	
16,300.00	6,227.00	10,999.56	6,227.00	175.35	95.47	-90.00	5,319.29	523.24	5,420.28	5,264.94	155.34	34.894	
16,400.00	6,227.00	10,999.56	6,227.00	176.92	95.47	-90.00	5,319.29	523.24	5,492.51	5,338.20	154.31	35.594	
16,500.00	6,227.00	10,999.56	6,227.00	178.49	95.47	-90.00	5,319.29	523.24	5,565.59	5,412.29	153.30	36.305	
16,600.00	6,227.00	10,999.56	6,227.00	180.07	95.47	-90.00	5,319.29	523.24	5,639.51	5,487.20	152.31	37.026	
16,700.00	6,227.00	10,999.56	6,227.00	181.65	95.47	-90.00	5,319.29	523.24	5,714.21	5,562.87	151.34	37.757	
16,800.00	6,227.00	10,999.56	6,227.00	183.24	95.47	-90.00	5,319.29	523.24	5,789.69	5,639.29	150.39	38.497	
16,900.00	6,227.00	10,999.56	6,227.00	184.84	95.47	-90.00	5,319.29	523.24	5,865.89	5,716.43	149.46	39.246	
17,000.00	6,227.00	10,999.56	6,227.00	186.43	95.47	-90.00	5,319.29	523.24	5,942.80	5,794.24	148.56	40.004	
17,100.00	6,227.00	10,999.56	6,227.00	188.04	95.47	-90.00	5,319.29	523.24	6,020.39	5,872.72	147.67	40.770	
17,200.00	6,227.00	10,999.56	6,227.00	189.64	95.47	-90.00	5,319.29	523.24	6,098.63	5,951.83	146.80	41.544	
17,300.00	6,227.00	10,999.56	6,227.00	191.25	95.47	-90.00	5,319.29	523.24	6,177.50	6,031.55	145.95	42.325	
17,400.00	6,227.00	10,999.56	6,227.00	192.87	95.47	-90.00	5,319.29	523.24	6,256.97	6,111.85	145.12	43.115	
17,500.00	6,227.00	10,999.56	6,227.00	194.48	95.47	-90.00	5,319.29	523.24	6,337.03	6,192.71	144.32	43.911	
17,600.00	6,227.00	10,999.56	6,227.00	196.11	95.47	-90.00	5,319.29	523.24	6,417.64	6,274.11	143.53	44.714	
17,677.76	6,227.00	10,999.56	6,227.00	197.37	95.47	-90.00	5,319.29	523.24	6,480.70	6,337.77	142.93	45.343	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-03 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
0.00	0.00	0.00	0.00	0.00	0.00	-87.04	6.19	-119.83	119.99				
100.00	100.00	100.00	100.00	0.27	0.27	-87.04	6.19	-119.83	119.99	119.45	0.54	223.154	CC, ES
200.00	199.98	199.98	199.98	0.62	0.63	-171.82	6.19	-119.83	121.72	120.47	1.25	97.299	
300.00	299.84	299.84	299.84	0.99	0.99	-172.14	6.19	-119.83	126.90	124.93	1.97	64.387	
400.00	399.45	399.45	399.45	1.36	1.34	-172.62	6.19	-119.83	135.54	132.85	2.69	50.311	
500.00	498.70	498.70	498.70	1.75	1.70	-173.20	6.19	-119.83	147.63	144.22	3.42	43.183	
600.00	597.47	597.47	597.47	2.18	2.05	-173.82	6.19	-119.83	163.18	159.03	4.14	39.369	
700.00	695.62	701.73	701.71	2.63	2.42	-174.28	6.75	-118.11	180.55	175.67	4.88	36.994	
800.00	793.06	806.81	806.63	3.12	2.79	-174.42	8.49	-112.73	197.93	192.31	5.62	35.221	
900.00	889.64	912.54	911.92	3.66	3.17	-174.31	11.44	-103.63	215.28	208.91	6.37	33.805	
1,000.00	985.27	1,018.92	1,017.43	4.25	3.57	-173.99	15.61	-90.74	232.60	225.47	7.13	32.631	
1,100.00	1,079.82	1,125.95	1,123.00	4.89	4.00	-173.51	21.03	-74.03	249.86	241.96	7.90	31.624	
1,200.00	1,173.17	1,233.61	1,228.46	5.58	4.46	-172.89	27.70	-53.44	267.06	258.37	8.69	30.738	
1,300.00	1,265.21	1,333.36	1,325.66	6.34	4.91	-172.31	34.60	-32.13	285.44	275.95	9.49	30.088	
1,400.00	1,355.84	1,430.94	1,420.74	7.16	5.36	-171.87	41.37	-11.23	307.18	296.88	10.30	29.823	
1,500.00	1,444.94	1,527.73	1,515.03	8.05	5.82	-171.56	48.08	9.50	332.30	321.17	11.12	29.875	
1,600.00	1,532.39	1,623.59	1,608.44	9.02	6.29	-171.36	54.73	30.03	360.74	348.78	11.95	30.178	
1,700.00	1,618.11	1,718.41	1,700.83	10.05	6.75	-171.24	61.31	50.34	392.47	379.68	12.79	30.686	
1,800.00	1,701.97	1,812.09	1,792.10	11.16	7.22	-171.18	67.81	70.40	427.45	413.82	13.63	31.361	
1,900.00	1,783.88	1,904.50	1,882.14	12.35	7.68	-171.18	74.22	90.19	465.65	451.18	14.47	32.175	
2,000.00	1,863.74	1,995.53	1,970.83	13.61	8.14	-171.21	80.53	109.68	507.01	491.70	15.31	33.106	
2,100.00	1,941.45	2,085.07	2,058.07	14.95	8.59	-171.26	86.74	128.86	551.49	535.34	16.16	34.136	
2,112.50	1,951.01	2,096.15	2,068.87	15.12	8.65	-171.27	87.51	131.23	557.27	541.01	16.26	34.264	
2,200.00	2,017.79	2,173.64	2,144.37	16.35	9.04	-171.45	92.88	147.83	597.88	580.89	16.99	35.183	
2,300.00	2,094.11	2,262.20	2,230.65	17.76	9.49	-171.63	99.03	166.79	644.29	626.46	17.83	36.133	
2,400.00	2,170.44	2,350.76	2,316.94	19.17	9.95	-171.78	105.17	185.76	690.72	672.04	18.67	36.988	
2,500.00	2,246.76	2,439.31	2,403.22	20.60	10.40	-171.92	111.31	204.73	737.14	717.62	19.52	37.761	
2,600.00	2,323.08	2,527.87	2,489.51	22.03	10.86	-172.04	117.46	223.69	783.57	763.19	20.37	38.463	
2,700.00	2,399.41	2,616.43	2,575.80	23.47	11.31	-172.14	123.60	242.66	829.99	808.77	21.23	39.102	
2,800.00	2,475.73	2,704.99	2,662.08	24.91	11.77	-172.24	129.74	261.62	876.43	854.34	22.08	39.687	
2,900.00	2,552.05	2,793.55	2,748.37	26.36	12.23	-172.32	135.88	280.59	922.86	899.92	22.94	40.224	
3,000.00	2,628.38	2,882.11	2,834.65	27.80	12.69	-172.40	142.03	299.56	969.29	945.49	23.80	40.719	
3,100.00	2,704.70	2,970.67	2,920.94	29.25	13.15	-172.47	148.17	318.52	1,015.73	991.06	24.67	41.175	
3,200.00	2,781.02	3,059.22	3,007.22	30.71	13.61	-172.53	154.31	337.49	1,062.16	1,036.63	25.53	41.598	
3,300.00	2,857.35	3,147.78	3,093.51	32.16	14.07	-172.59	160.45	356.45	1,108.60	1,082.20	26.40	41.991	
3,400.00	2,933.67	3,236.34	3,179.79	33.62	14.53	-172.65	166.60	375.42	1,155.04	1,127.77	27.27	42.356	
3,500.00	3,009.99	3,324.90	3,266.08	35.07	15.00	-172.69	172.74	394.39	1,201.48	1,173.34	28.14	42.697	
3,600.00	3,086.31	3,413.46	3,352.36	36.53	15.46	-172.74	178.88	413.35	1,247.92	1,218.91	29.01	43.015	
3,700.00	3,162.64	3,502.02	3,438.65	37.99	15.92	-172.78	185.03	432.32	1,294.36	1,264.48	29.88	43.313	
3,800.00	3,238.96	3,590.58	3,524.94	39.45	16.38	-172.82	191.17	451.28	1,340.80	1,310.04	30.76	43.593	
3,900.00	3,315.28	3,679.13	3,611.22	40.91	16.85	-172.86	197.31	470.25	1,387.24	1,355.61	31.63	43.857	
4,000.00	3,391.61	3,767.69	3,697.51	42.37	17.31	-172.89	203.45	489.21	1,433.68	1,401.18	32.51	44.104	
4,100.00	3,467.93	3,856.25	3,783.79	43.84	17.77	-172.93	209.60	508.18	1,480.12	1,446.74	33.38	44.338	
4,200.00	3,544.25	3,944.81	3,870.08	45.30	18.24	-172.96	215.74	527.15	1,526.57	1,492.31	34.26	44.559	
4,300.00	3,620.58	4,033.37	3,956.36	46.76	18.70	-172.99	221.88	546.11	1,573.01	1,537.87	35.14	44.768	
4,400.00	3,696.90	4,121.93	4,042.65	48.23	19.17	-173.01	228.03	565.08	1,619.45	1,583.44	36.01	44.966	
4,500.00	3,773.22	4,210.49	4,128.93	49.69	19.63	-173.04	234.17	584.04	1,665.90	1,629.00	36.89	45.154	
4,600.00	3,849.55	4,299.04	4,215.22	51.16	20.10	-173.06	240.31	603.01	1,712.34	1,674.57	37.77	45.332	
4,700.00	3,925.87	4,387.60	4,301.50	52.62	20.56	-173.09	246.45	621.98	1,758.78	1,720.13	38.65	45.502	
4,800.00	4,002.19	4,476.16	4,387.79	54.09	21.03	-173.11	252.60	640.94	1,805.23	1,765.69	39.53	45.663	
4,900.00	4,078.51	4,564.72	4,474.08	55.56	21.49	-173.13	258.74	659.91	1,851.67	1,811.26	40.41	45.817	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-03 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,000.00	4,154.84	4,653.28	4,560.36	57.02	21.96	-173.15	264.88	678.87	1,898.11	1,856.82	41.30	45.964	
5,100.00	4,231.16	4,741.84	4,646.65	58.49	22.42	-173.17	271.02	697.84	1,944.56	1,902.38	42.18	46.104	
5,200.00	4,307.48	4,830.39	4,732.93	59.96	22.89	-173.18	277.17	716.80	1,991.00	1,947.94	43.06	46.238	
5,300.00	4,383.81	4,918.95	4,819.22	61.43	23.36	-173.20	283.31	735.77	2,037.45	1,993.51	43.94	46.367	
5,400.00	4,460.13	5,007.51	4,905.50	62.89	23.82	-173.22	289.45	754.74	2,083.89	2,039.07	44.83	46.489	
5,500.00	4,536.45	5,096.07	4,991.79	64.36	24.29	-173.23	295.60	773.70	2,130.34	2,084.63	45.71	46.607	
5,600.00	4,612.78	5,184.63	5,078.07	65.83	24.75	-173.25	301.74	792.67	2,176.78	2,130.19	46.59	46.720	
5,700.00	4,689.10	5,273.19	5,164.36	67.30	25.22	-173.26	307.88	811.63	2,223.23	2,175.75	47.48	46.828	
5,800.00	4,765.42	5,361.75	5,250.64	68.77	25.69	-173.27	314.02	830.60	2,269.67	2,221.31	48.36	46.932	
5,900.00	4,841.75	5,450.30	5,336.93	70.24	26.15	-173.29	320.17	849.57	2,316.12	2,266.87	49.25	47.032	
6,000.00	4,918.07	5,538.86	5,423.21	71.70	26.62	-173.30	326.31	868.53	2,362.56	2,312.43	50.13	47.128	
6,100.00	4,994.39	5,627.42	5,509.50	73.17	27.09	-173.31	332.45	887.50	2,409.01	2,357.99	51.02	47.221	
6,200.00	5,070.72	5,715.98	5,595.79	74.64	27.55	-173.32	338.59	906.46	2,455.46	2,403.55	51.90	47.310	
6,300.00	5,147.04	5,804.54	5,682.07	76.11	28.02	-173.34	344.74	925.43	2,501.90	2,449.11	52.79	47.396	
6,400.00	5,223.36	5,896.09	5,770.88	77.58	28.51	-173.26	354.65	945.04	2,548.31	2,494.57	53.74	47.419	
6,500.00	5,299.68	5,986.10	5,855.67	79.05	29.03	-172.84	377.74	964.08	2,594.64	2,539.81	54.83	47.325	
6,600.00	5,376.01	6,069.26	5,929.93	80.52	29.52	-172.18	410.92	981.06	2,641.13	2,585.15	55.98	47.180	
6,700.00	5,452.33	6,143.31	5,991.44	81.99	29.96	-171.38	449.46	995.39	2,688.15	2,631.00	57.14	47.044	
6,800.00	5,528.65	6,207.60	6,040.51	83.46	30.35	-170.53	489.30	1,007.04	2,736.08	2,677.82	58.26	46.962	
6,900.00	5,604.98	6,262.64	6,078.80	84.93	30.69	-169.72	527.71	1,016.30	2,785.26	2,725.96	59.30	46.966	
7,000.00	5,681.30	6,309.48	6,108.40	86.40	30.99	-168.96	563.23	1,023.60	2,835.94	2,775.70	60.24	47.076	
7,100.00	5,757.62	6,350.00	6,131.65	87.87	31.24	-168.26	595.90	1,029.45	2,888.30	2,827.22	61.08	47.288	
7,176.71	5,816.17	6,375.84	6,145.27	89.00	31.41	-167.80	617.58	1,032.93	2,929.65	2,868.03	61.62	47.545	
7,200.00	5,833.92	6,383.52	6,149.13	89.34	31.46	-163.43	624.15	1,033.93	2,942.36	2,880.58	61.78	47.630	
7,250.00	5,871.73	6,400.00	6,157.12	90.07	31.56	-154.30	638.40	1,036.01	2,969.48	2,907.39	62.09	47.822	
7,300.00	5,908.91	6,418.61	6,165.66	90.78	31.68	-145.59	654.79	1,038.26	2,996.20	2,933.75	62.44	47.983	
7,350.00	5,945.18	6,437.26	6,173.69	91.48	31.81	-137.49	671.48	1,040.41	3,022.27	2,959.51	62.77	48.151	
7,400.00	5,980.26	6,450.00	6,178.86	92.14	31.89	-130.14	683.04	1,041.81	3,047.50	2,984.59	62.92	48.437	
7,450.00	6,013.88	6,476.36	6,188.76	92.77	32.06	-123.36	707.31	1,044.55	3,071.64	3,008.27	63.37	48.469	
7,500.00	6,045.79	6,500.00	6,196.71	93.36	32.22	-117.35	729.46	1,046.81	3,094.54	3,030.81	63.73	48.555	
7,550.00	6,075.75	6,517.43	6,201.99	93.90	32.34	-112.10	745.99	1,048.35	3,115.99	3,052.09	63.91	48.757	
7,600.00	6,103.52	6,550.00	6,210.52	94.40	32.56	-107.41	777.31	1,050.96	3,135.89	3,071.46	64.43	48.670	
7,650.00	6,128.89	6,550.00	6,210.52	94.85	32.56	-103.58	777.31	1,050.96	3,153.98	3,089.89	64.10	49.207	
7,700.00	6,151.68	6,581.77	6,217.16	95.25	32.78	-100.12	808.31	1,053.14	3,170.17	3,105.63	64.54	49.120	
7,750.00	6,171.71	6,600.00	6,220.21	95.60	32.91	-97.29	826.24	1,054.23	3,184.38	3,119.78	64.60	49.290	
7,800.00	6,188.82	6,625.96	6,223.58	95.91	33.09	-94.93	851.95	1,055.58	3,196.48	3,131.64	64.84	49.294	
7,850.00	6,202.89	6,650.00	6,225.68	96.16	33.26	-93.06	875.87	1,056.60	3,206.40	3,141.39	65.01	49.321	
7,900.00	6,213.81	6,670.79	6,226.71	96.38	33.41	-91.66	896.62	1,057.32	3,214.04	3,148.96	65.08	49.386	
7,950.00	6,221.49	6,698.10	6,227.00	96.55	33.61	-90.67	923.92	1,058.03	3,219.37	3,154.07	65.30	49.300	
8,000.00	6,225.88	6,747.82	6,227.00	96.69	33.98	-90.10	973.63	1,059.21	3,222.06	3,155.95	66.11	48.739	
8,040.96	6,227.00	6,788.76	6,227.00	96.77	34.30	-90.00	1,014.55	1,060.18	3,222.17	3,155.38	66.79	48.244	
8,100.00	6,227.00	6,847.79	6,227.00	96.88	34.79	-90.00	1,073.56	1,061.58	3,220.98	3,153.15	67.83	47.489	
8,200.00	6,227.00	6,947.76	6,227.00	97.07	35.66	-90.00	1,173.51	1,063.95	3,218.96	3,149.27	69.68	46.195	
8,300.00	6,227.00	7,047.74	6,227.00	97.28	36.60	-90.00	1,273.46	1,066.33	3,216.93	3,145.27	71.66	44.889	
8,400.00	6,227.00	7,147.72	6,227.00	97.49	37.61	-90.00	1,373.42	1,068.70	3,214.91	3,141.15	73.76	43.585	
8,500.00	6,227.00	7,247.70	6,227.00	97.72	38.67	-90.00	1,473.37	1,071.07	3,212.89	3,136.92	75.96	42.295	
8,600.00	6,227.00	7,347.68	6,227.00	97.97	39.79	-90.00	1,573.32	1,073.44	3,210.87	3,132.60	78.26	41.027	
8,700.00	6,227.00	7,447.66	6,227.00	98.23	40.95	-90.00	1,673.27	1,075.81	3,208.84	3,128.19	80.65	39.787	
8,800.00	6,227.00	7,547.64	6,227.00	98.50	42.16	-90.00	1,773.22	1,078.18	3,206.82	3,123.70	83.12	38.582	
8,900.00	6,227.00	7,647.62	6,227.00	98.79	43.41	-90.00	1,873.17	1,080.56	3,204.80	3,119.14	85.66	37.413	
9,000.00	6,227.00	7,747.60	6,227.00	99.09	44.70	-90.00	1,973.12	1,082.93	3,202.77	3,114.51	88.27	36.285	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-03 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	6,227.00	7,847.58	6,227.00	99.41	46.02	-90.00	2,073.08	1,085.30	3,200.75	3,109.81	90.94	35.197		
9,200.00	6,227.00	7,947.56	6,227.00	99.75	47.37	-90.00	2,173.03	1,087.67	3,198.73	3,105.06	93.67	34.151		
9,300.00	6,227.00	8,047.54	6,227.00	100.10	48.75	-90.00	2,272.98	1,090.04	3,196.71	3,100.26	96.44	33.146		
9,400.00	6,227.00	8,147.52	6,227.00	100.47	50.15	-90.00	2,372.93	1,092.42	3,194.68	3,095.41	99.27	32.182		
9,500.00	6,227.00	8,247.50	6,227.00	100.86	51.58	-90.00	2,472.88	1,094.79	3,192.66	3,090.52	102.14	31.258		
9,600.00	6,227.00	8,347.48	6,227.00	101.26	53.03	-90.00	2,572.83	1,097.16	3,190.64	3,085.59	105.05	30.373		
9,700.00	6,227.00	8,447.46	6,227.00	101.68	54.50	-90.00	2,672.78	1,099.53	3,188.62	3,080.62	108.00	29.525		
9,800.00	6,227.00	8,547.44	6,227.00	102.13	55.99	-90.00	2,772.74	1,101.90	3,186.59	3,075.62	110.98	28.714		
9,900.00	6,227.00	8,647.42	6,227.00	102.59	57.49	-90.00	2,872.69	1,104.27	3,184.57	3,070.58	113.99	27.937		
10,000.00	6,227.00	8,747.40	6,227.00	103.07	59.01	-90.00	2,972.64	1,106.65	3,182.55	3,065.52	117.03	27.194		
10,100.00	6,227.00	8,847.38	6,227.00	103.58	60.54	-90.00	3,072.59	1,109.02	3,180.53	3,060.42	120.10	26.482		
10,200.00	6,227.00	8,947.36	6,227.00	104.10	62.09	-90.00	3,172.54	1,111.39	3,178.50	3,055.31	123.19	25.801		
10,300.00	6,227.00	9,047.34	6,227.00	104.65	63.65	-90.00	3,272.49	1,113.76	3,176.48	3,050.17	126.31	25.148		
10,400.00	6,227.00	9,147.31	6,227.00	105.22	65.21	-90.00	3,372.44	1,116.13	3,174.46	3,045.01	129.45	24.523		
10,500.00	6,227.00	9,247.29	6,227.00	105.82	66.79	-90.00	3,472.39	1,118.51	3,172.43	3,039.83	132.61	23.924		
10,600.00	6,227.00	9,347.27	6,227.00	106.43	68.38	-90.00	3,572.35	1,120.88	3,170.41	3,034.63	135.78	23.349		
10,700.00	6,227.00	9,447.25	6,227.00	107.07	69.98	-90.00	3,672.30	1,123.25	3,168.39	3,029.41	138.98	22.798		
10,800.00	6,227.00	9,547.23	6,227.00	107.74	71.58	-90.00	3,772.25	1,125.62	3,166.37	3,024.18	142.19	22.269		
10,900.00	6,227.00	9,647.21	6,227.00	108.42	73.20	-90.00	3,872.20	1,127.99	3,164.34	3,018.93	145.41	21.761		
11,000.00	6,227.00	9,747.19	6,227.00	109.14	74.82	-90.00	3,972.15	1,130.37	3,162.32	3,013.67	148.65	21.273		
11,100.00	6,227.00	9,847.17	6,227.00	109.87	76.44	-90.00	4,072.10	1,132.74	3,160.30	3,008.39	151.90	20.805		
11,200.00	6,227.00	9,947.15	6,227.00	110.64	78.08	-90.00	4,172.05	1,135.11	3,158.28	3,003.11	155.17	20.354		
11,300.00	6,227.00	10,047.13	6,227.00	111.43	79.71	-90.00	4,272.01	1,137.48	3,156.25	2,997.81	158.45	19.920		
11,400.00	6,227.00	10,147.11	6,227.00	112.24	81.36	-90.00	4,371.96	1,139.85	3,154.23	2,992.50	161.73	19.503		
11,500.00	6,227.00	10,247.09	6,227.00	113.08	83.01	-90.00	4,471.91	1,142.22	3,152.21	2,987.18	165.03	19.101		
11,600.00	6,227.00	10,347.07	6,227.00	113.94	84.66	-90.00	4,571.86	1,144.60	3,150.19	2,981.85	168.34	18.713		
11,700.00	6,227.00	10,447.05	6,227.00	114.83	86.32	-90.00	4,671.81	1,146.97	3,148.16	2,976.51	171.66	18.340		
11,800.00	6,227.00	10,547.03	6,227.00	115.74	87.98	-90.00	4,771.76	1,149.34	3,146.14	2,971.16	174.98	17.980		
11,900.00	6,227.00	10,647.01	6,227.00	116.68	89.65	-90.00	4,871.71	1,151.71	3,144.12	2,965.80	178.32	17.632		
12,000.00	6,227.00	10,746.99	6,227.00	117.64	91.32	-90.00	4,971.67	1,154.08	3,142.09	2,960.44	181.66	17.297		
12,100.00	6,227.00	10,846.97	6,227.00	118.63	93.00	-90.00	5,071.62	1,156.46	3,140.07	2,955.07	185.01	16.973		
12,200.00	6,227.00	10,946.95	6,227.00	119.64	94.67	-90.00	5,171.57	1,158.83	3,138.05	2,949.69	188.36	16.660		
12,300.00	6,227.00	11,046.93	6,227.00	120.68	96.35	-90.00	5,271.52	1,161.20	3,136.03	2,944.30	191.72	16.357		
12,400.00	6,227.00	11,097.28	6,227.00	121.74	97.20	-90.00	5,321.87	1,162.39	3,134.40	2,941.31	193.09	16.233 SF		
12,413.95	6,227.00	11,097.28	6,227.00	121.89	97.20	-90.00	5,321.87	1,162.39	3,134.37	2,941.37	192.99	16.241		
12,500.00	6,227.00	11,097.28	6,227.00	122.82	97.20	-90.00	5,321.87	1,162.39	3,135.55	2,943.21	192.34	16.302		
12,600.00	6,227.00	11,097.28	6,227.00	123.92	97.20	-90.00	5,321.87	1,162.39	3,139.89	2,948.43	191.47	16.399		
12,700.00	6,227.00	11,097.28	6,227.00	125.04	97.20	-90.00	5,321.87	1,162.39	3,147.41	2,956.93	190.48	16.523		
12,800.00	6,227.00	11,097.28	6,227.00	126.19	97.20	-90.00	5,321.87	1,162.39	3,158.07	2,968.69	189.39	16.675		
12,900.00	6,227.00	11,097.28	6,227.00	127.35	97.20	-90.00	5,321.87	1,162.39	3,171.86	2,983.67	188.19	16.855		
13,000.00	6,227.00	11,097.28	6,227.00	128.54	97.20	-90.00	5,321.87	1,162.39	3,188.72	3,001.82	186.89	17.062		
13,100.00	6,227.00	11,097.28	6,227.00	129.74	97.20	-90.00	5,321.87	1,162.39	3,208.61	3,023.10	185.51	17.296		
13,200.00	6,227.00	11,097.28	6,227.00	130.97	97.20	-90.00	5,321.87	1,162.39	3,231.47	3,047.42	184.05	17.558		
13,300.00	6,227.00	11,097.28	6,227.00	132.21	97.20	-90.00	5,321.87	1,162.39	3,257.24	3,074.73	182.51	17.847		
13,400.00	6,227.00	11,097.28	6,227.00	133.47	97.20	-90.00	5,321.87	1,162.39	3,285.86	3,104.94	180.92	18.162		
13,500.00	6,227.00	11,097.28	6,227.00	134.74	97.20	-90.00	5,321.87	1,162.39	3,317.25	3,137.98	179.27	18.504		
13,600.00	6,227.00	11,097.28	6,227.00	136.03	97.20	-90.00	5,321.87	1,162.39	3,351.32	3,173.75	177.58	18.873		
13,700.00	6,227.00	11,097.28	6,227.00	137.34	97.20	-90.00	5,321.87	1,162.39	3,388.01	3,212.16	175.85	19.267		
13,800.00	6,227.00	11,097.28	6,227.00	138.67	97.20	-90.00	5,321.87	1,162.39	3,427.22	3,253.13	174.09	19.686		
13,900.00	6,227.00	11,097.28	6,227.00	140.00	97.20	-90.00	5,321.87	1,162.39	3,468.88	3,296.56	172.32	20.130		
14,000.00	6,227.00	11,097.28	6,227.00	141.36	97.20	-90.00	5,321.87	1,162.39	3,512.88	3,342.35	170.53	20.599		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-03 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,100.00	6,227.00	11,097.28	6,227.00	142.72	97.20	-90.00	5,321.87	1,162.39	3,559.16	3,390.41	168.75	21.092	
14,200.00	6,227.00	11,097.28	6,227.00	144.10	97.20	-90.00	5,321.87	1,162.39	3,607.61	3,440.65	166.96	21.608	
14,300.00	6,227.00	11,097.28	6,227.00	145.49	97.20	-90.00	5,321.87	1,162.39	3,658.15	3,492.97	165.18	22.146	
14,400.00	6,227.00	11,097.28	6,227.00	146.90	97.20	-90.00	5,321.87	1,162.39	3,710.70	3,547.29	163.42	22.707	
14,500.00	6,227.00	11,097.28	6,227.00	148.31	97.20	-90.00	5,321.87	1,162.39	3,765.18	3,603.51	161.67	23.289	
14,600.00	6,227.00	11,097.28	6,227.00	149.74	97.20	-90.00	5,321.87	1,162.39	3,821.49	3,661.55	159.95	23.893	
14,700.00	6,227.00	11,097.28	6,227.00	151.18	97.20	-90.00	5,321.87	1,162.39	3,879.57	3,721.32	158.25	24.516	
14,800.00	6,227.00	11,097.28	6,227.00	152.62	97.20	-90.00	5,321.87	1,162.39	3,939.33	3,782.75	156.58	25.159	
14,900.00	6,227.00	11,097.28	6,227.00	154.08	97.20	-90.00	5,321.87	1,162.39	4,000.69	3,845.75	154.94	25.820	
15,000.00	6,227.00	11,097.28	6,227.00	155.55	97.20	-90.00	5,321.87	1,162.39	4,063.59	3,910.25	153.34	26.500	
15,100.00	6,227.00	11,097.28	6,227.00	157.03	97.20	-90.00	5,321.87	1,162.39	4,127.96	3,976.18	151.78	27.198	
15,200.00	6,227.00	11,097.28	6,227.00	158.51	97.20	-90.00	5,321.87	1,162.39	4,193.72	4,043.47	150.25	27.912	
15,300.00	6,227.00	11,097.28	6,227.00	160.01	97.20	-90.00	5,321.87	1,162.39	4,260.81	4,112.05	148.76	28.642	
15,400.00	6,227.00	11,097.28	6,227.00	161.51	97.20	-90.00	5,321.87	1,162.39	4,329.18	4,181.87	147.31	29.388	
15,500.00	6,227.00	11,097.28	6,227.00	163.02	97.20	-90.00	5,321.87	1,162.39	4,398.75	4,252.85	145.90	30.149	
15,600.00	6,227.00	11,097.28	6,227.00	164.54	97.20	-90.00	5,321.87	1,162.39	4,469.48	4,324.95	144.53	30.924	
15,700.00	6,227.00	11,097.28	6,227.00	166.06	97.20	-90.00	5,321.87	1,162.39	4,541.31	4,398.11	143.20	31.713	
15,800.00	6,227.00	11,097.28	6,227.00	167.59	97.20	-90.00	5,321.87	1,162.39	4,614.19	4,472.28	141.91	32.514	
15,900.00	6,227.00	11,097.28	6,227.00	169.13	97.20	-90.00	5,321.87	1,162.39	4,688.07	4,547.40	140.66	33.328	
16,000.00	6,227.00	11,097.28	6,227.00	170.68	97.20	-90.00	5,321.87	1,162.39	4,762.90	4,623.45	139.45	34.154	
16,100.00	6,227.00	11,097.28	6,227.00	172.23	97.20	-90.00	5,321.87	1,162.39	4,838.64	4,700.36	138.28	34.990	
16,200.00	6,227.00	11,097.28	6,227.00	173.78	97.20	-90.00	5,321.87	1,162.39	4,915.25	4,778.10	137.15	35.838	
16,300.00	6,227.00	11,097.28	6,227.00	175.35	97.20	-90.00	5,321.87	1,162.39	4,992.69	4,856.63	136.06	36.695	
16,400.00	6,227.00	11,097.28	6,227.00	176.92	97.20	-90.00	5,321.87	1,162.39	5,070.92	4,935.91	135.00	37.561	
16,500.00	6,227.00	11,097.28	6,227.00	178.49	97.20	-90.00	5,321.87	1,162.39	5,149.90	5,015.92	133.98	38.437	
16,600.00	6,227.00	11,097.28	6,227.00	180.07	97.20	-90.00	5,321.87	1,162.39	5,229.60	5,096.60	133.00	39.321	
16,700.00	6,227.00	11,097.28	6,227.00	181.65	97.20	-90.00	5,321.87	1,162.39	5,309.98	5,177.94	132.05	40.213	
16,800.00	6,227.00	11,097.28	6,227.00	183.24	97.20	-90.00	5,321.87	1,162.39	5,391.03	5,259.90	131.13	41.112	
16,900.00	6,227.00	11,097.28	6,227.00	184.84	97.20	-90.00	5,321.87	1,162.39	5,472.70	5,342.45	130.25	42.018	
17,000.00	6,227.00	11,097.28	6,227.00	186.43	97.20	-90.00	5,321.87	1,162.39	5,554.97	5,425.57	129.40	42.930	
17,100.00	6,227.00	11,097.28	6,227.00	188.04	97.20	-90.00	5,321.87	1,162.39	5,637.81	5,509.24	128.58	43.848	
17,200.00	6,227.00	11,097.28	6,227.00	189.64	97.20	-90.00	5,321.87	1,162.39	5,721.20	5,593.42	127.78	44.772	
17,300.00	6,227.00	11,097.28	6,227.00	191.25	97.20	-90.00	5,321.87	1,162.39	5,805.12	5,678.10	127.02	45.701	
17,400.00	6,227.00	11,097.28	6,227.00	192.87	97.20	-90.00	5,321.87	1,162.39	5,889.54	5,763.25	126.29	46.635	
17,500.00	6,227.00	11,097.28	6,227.00	194.48	97.20	-90.00	5,321.87	1,162.39	5,974.44	5,848.85	125.58	47.573	
17,600.00	6,227.00	11,097.28	6,227.00	196.11	97.20	-90.00	5,321.87	1,162.39	6,059.80	5,934.89	124.90	48.515	
17,677.76	6,227.00	11,097.28	6,227.00	197.37	97.20	-90.00	5,321.87	1,162.39	6,126.48	6,002.08	124.39	49.251	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
0.00	0.00	0.00	0.00	0.00	0.00	-96.58	-13.85	-120.11	120.91				
100.00	100.00	100.00	100.00	0.27	0.27	-96.58	-13.85	-120.11	120.91	120.37	0.54	224.854	CC, ES
200.00	199.98	199.98	199.98	0.62	0.63	178.78	-13.85	-120.11	122.65	121.40	1.25	98.037	
300.00	299.84	299.84	299.84	0.99	0.99	178.83	-13.85	-120.11	127.88	125.91	1.97	64.873	
400.00	399.45	399.45	399.45	1.36	1.34	178.90	-13.85	-120.11	136.60	133.90	2.69	50.691	
500.00	498.70	498.70	498.70	1.75	1.70	178.98	-13.85	-120.11	148.78	145.36	3.42	43.508	
600.00	597.47	603.32	603.29	2.18	2.07	179.15	-13.44	-118.29	162.67	158.52	4.15	39.190	
700.00	695.62	708.55	708.37	2.63	2.44	179.46	-12.18	-112.71	176.42	171.54	4.88	36.119	
800.00	793.06	814.33	813.70	3.12	2.82	179.87	-10.07	-103.30	190.01	184.39	5.63	33.773	
900.00	889.64	920.65	919.14	3.66	3.23	-179.63	-7.09	-90.03	203.43	197.06	6.38	31.904	
1,000.00	985.27	1,027.52	1,024.54	4.25	3.66	-179.05	-3.23	-72.86	216.67	209.54	7.14	30.365	
1,100.00	1,079.82	1,134.91	1,129.73	4.89	4.12	-178.41	1.51	-51.74	229.72	221.82	7.91	29.049	
1,200.00	1,173.17	1,242.84	1,234.54	5.58	4.63	-177.72	7.14	-26.67	242.58	233.90	8.68	27.938	
1,300.00	1,265.21	1,351.28	1,338.81	6.34	5.19	-176.97	13.67	2.39	255.23	245.75	9.48	26.922	
1,400.00	1,355.84	1,460.23	1,442.35	7.16	5.80	-176.18	21.09	35.44	267.67	257.38	10.29	26.005	
1,500.00	1,444.94	1,560.34	1,536.76	8.05	6.41	-175.47	28.39	67.93	281.36	270.22	11.14	25.255	
1,600.00	1,532.39	1,658.81	1,629.62	9.02	7.02	-174.89	35.57	99.92	298.51	286.50	12.01	24.859	
1,700.00	1,618.11	1,756.64	1,721.86	10.05	7.65	-174.41	42.71	131.69	319.08	306.19	12.89	24.757	
1,800.00	1,701.97	1,853.70	1,813.39	11.16	8.28	-174.05	49.79	163.22	343.06	329.28	13.78	24.894	
1,900.00	1,783.88	1,949.88	1,904.08	12.35	8.91	-173.77	56.81	194.45	370.40	355.72	14.68	25.230	
2,000.00	1,863.74	2,045.05	1,993.83	13.61	9.54	-173.57	63.75	225.37	401.06	385.47	15.59	25.730	
2,100.00	1,941.45	2,139.11	2,082.52	14.95	10.17	-173.43	70.61	255.91	435.01	418.51	16.50	26.368	
2,112.50	1,951.01	2,150.78	2,093.53	15.12	10.25	-173.42	71.46	259.71	439.48	422.86	16.61	26.452	
2,200.00	2,017.79	2,232.42	2,170.51	16.35	10.80	-173.41	77.42	286.22	470.96	453.55	17.41	27.053	
2,300.00	2,094.11	2,325.73	2,258.49	17.76	11.43	-173.39	84.23	316.53	506.94	488.62	18.32	27.668	
2,400.00	2,170.44	2,419.03	2,346.47	19.17	12.07	-173.38	91.03	346.83	542.92	523.67	19.24	28.214	
2,500.00	2,246.76	2,512.33	2,434.46	20.60	12.70	-173.37	97.84	377.14	578.89	558.73	20.17	28.703	
2,600.00	2,323.08	2,605.64	2,522.44	22.03	13.34	-173.36	104.65	407.44	614.87	593.77	21.10	29.143	
2,700.00	2,399.41	2,698.94	2,610.42	23.47	13.98	-173.36	111.45	437.75	650.85	628.82	22.03	29.540	
2,800.00	2,475.73	2,792.24	2,698.40	24.91	14.62	-173.35	118.26	468.05	686.83	663.86	22.97	29.901	
2,900.00	2,552.05	2,885.55	2,786.38	26.36	15.27	-173.34	125.07	498.35	722.81	698.90	23.91	30.229	
3,000.00	2,628.38	2,978.85	2,874.37	27.80	15.91	-173.34	131.87	528.66	758.79	733.93	24.86	30.528	
3,100.00	2,704.70	3,072.15	2,962.35	29.25	16.56	-173.33	138.68	558.96	794.77	768.96	25.80	30.803	
3,200.00	2,781.02	3,165.46	3,050.33	30.71	17.21	-173.33	145.49	589.27	830.74	803.99	26.75	31.056	
3,300.00	2,857.35	3,258.76	3,138.31	32.16	17.85	-173.33	152.29	619.57	866.72	839.02	27.70	31.290	
3,400.00	2,933.67	3,352.06	3,226.29	33.62	18.50	-173.32	159.10	649.88	902.70	874.05	28.65	31.506	
3,500.00	3,009.99	3,445.37	3,314.28	35.07	19.15	-173.32	165.91	680.18	938.68	909.07	29.61	31.706	
3,600.00	3,086.31	3,538.67	3,402.26	36.53	19.80	-173.31	172.71	710.49	974.66	944.10	30.56	31.893	
3,700.00	3,162.64	3,631.97	3,490.24	37.99	20.45	-173.31	179.52	740.79	1,010.64	979.12	31.52	32.067	
3,800.00	3,238.96	3,725.28	3,578.22	39.45	21.10	-173.31	186.33	771.10	1,046.61	1,014.14	32.47	32.229	
3,900.00	3,315.28	3,818.58	3,666.21	40.91	21.75	-173.31	193.13	801.40	1,082.59	1,049.16	33.43	32.381	
4,000.00	3,391.61	3,911.88	3,754.19	42.37	22.40	-173.30	199.94	831.70	1,118.57	1,084.18	34.39	32.524	
4,100.00	3,467.93	4,005.19	3,842.17	43.84	23.05	-173.30	206.75	862.01	1,154.55	1,119.20	35.35	32.658	
4,200.00	3,544.25	4,098.49	3,930.15	45.30	23.70	-173.30	213.55	892.31	1,190.53	1,154.21	36.31	32.784	
4,300.00	3,620.58	4,191.80	4,018.13	46.76	24.36	-173.30	220.36	922.62	1,226.51	1,189.23	37.28	32.903	
4,400.00	3,696.90	4,285.10	4,106.12	48.23	25.01	-173.29	227.17	952.92	1,262.49	1,224.25	38.24	33.015	
4,500.00	3,773.22	4,378.40	4,194.10	49.69	25.66	-173.29	233.97	983.23	1,298.46	1,259.26	39.20	33.121	
4,600.00	3,849.55	4,471.71	4,282.08	51.16	26.31	-173.29	240.78	1,013.53	1,334.44	1,294.28	40.17	33.222	
4,700.00	3,925.87	4,565.01	4,370.06	52.62	26.97	-173.29	247.59	1,043.84	1,370.42	1,329.29	41.13	33.317	
4,800.00	4,002.19	4,658.31	4,458.04	54.09	27.62	-173.29	254.39	1,074.14	1,406.40	1,364.30	42.10	33.408	
4,900.00	4,078.51	4,751.62	4,546.03	55.56	28.27	-173.29	261.20	1,104.45	1,442.38	1,399.31	43.06	33.494	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-04 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,154.84	4,844.92	4,634.01	57.02	28.93	-173.29	268.01	1,134.75	1,478.36	1,434.33	44.03	33.576		
5,100.00	4,231.16	4,938.22	4,721.99	58.49	29.58	-173.28	274.81	1,165.06	1,514.34	1,469.34	45.00	33.654		
5,200.00	4,307.48	5,031.53	4,809.97	59.96	30.24	-173.28	281.62	1,195.36	1,550.31	1,504.35	45.97	33.728		
5,300.00	4,383.81	5,124.83	4,897.95	61.43	30.89	-173.28	288.43	1,225.66	1,586.29	1,539.36	46.93	33.799		
5,400.00	4,460.13	5,218.13	4,985.94	62.89	31.54	-173.28	295.23	1,255.97	1,622.27	1,574.37	47.90	33.867		
5,500.00	4,536.45	5,311.44	5,073.92	64.36	32.20	-173.28	302.04	1,286.27	1,658.25	1,609.38	48.87	33.932		
5,600.00	4,612.78	5,404.74	5,161.90	65.83	32.85	-173.28	308.85	1,316.58	1,694.23	1,644.39	49.84	33.994		
5,700.00	4,689.10	5,498.04	5,249.88	67.30	33.51	-173.28	315.65	1,346.88	1,730.21	1,679.40	50.81	34.054		
5,800.00	4,765.42	5,591.35	5,337.86	68.77	34.16	-173.28	322.46	1,377.19	1,766.19	1,714.41	51.78	34.111		
5,900.00	4,841.75	5,684.65	5,425.85	70.24	34.82	-173.27	329.27	1,407.49	1,802.16	1,749.42	52.75	34.166		
6,000.00	4,918.07	5,777.96	5,513.83	71.70	35.47	-173.27	336.07	1,437.80	1,838.14	1,784.42	53.72	34.218		
6,100.00	4,994.39	5,871.26	5,601.81	73.17	36.13	-173.27	342.88	1,468.10	1,874.12	1,819.43	54.69	34.269		
6,200.00	5,070.72	5,964.56	5,689.79	74.64	36.78	-173.27	349.69	1,498.41	1,910.10	1,854.44	55.66	34.318		
6,300.00	5,147.04	6,057.90	5,777.56	76.11	37.44	-173.20	358.85	1,528.69	1,946.08	1,889.41	56.67	34.342		
6,400.00	5,223.36	6,148.63	5,860.62	77.58	38.10	-172.72	380.67	1,557.67	1,982.12	1,924.27	57.85	34.262		
6,500.00	5,299.68	6,232.64	5,933.66	79.05	38.71	-171.92	413.02	1,583.46	2,018.56	1,959.39	59.17	34.114		
6,600.00	5,376.01	6,307.54	5,994.31	80.52	39.25	-170.93	451.12	1,605.14	2,055.88	1,995.33	60.55	33.955		
6,700.00	5,452.33	6,372.59	6,042.75	81.99	39.71	-169.89	490.79	1,622.68	2,094.61	2,032.70	61.91	33.833		
6,800.00	5,528.65	6,428.27	6,080.57	83.46	40.09	-168.87	529.20	1,636.54	2,135.20	2,072.01	63.19	33.790		
6,900.00	5,604.98	6,475.61	6,109.80	84.93	40.40	-167.93	564.80	1,647.40	2,178.00	2,113.66	64.34	33.851		
7,000.00	5,681.30	6,515.84	6,132.37	86.40	40.66	-167.07	596.99	1,655.90	2,223.22	2,157.89	65.33	34.029		
7,100.00	5,757.62	6,550.00	6,149.81	87.87	40.89	-166.31	625.59	1,662.55	2,270.98	2,204.82	66.15	34.329		
7,176.71	5,816.17	6,573.07	6,160.65	89.00	41.03	-165.79	645.52	1,666.74	2,309.36	2,242.68	66.68	34.633		
7,200.00	5,833.92	6,579.73	6,163.64	89.34	41.07	-161.55	651.36	1,667.90	2,321.24	2,254.42	66.82	34.738		
7,250.00	5,871.73	6,600.00	6,172.34	90.07	41.20	-152.55	669.35	1,671.31	2,346.64	2,279.37	67.27	34.885		
7,300.00	5,908.91	6,600.00	6,172.34	90.78	41.20	-144.41	669.35	1,671.31	2,371.71	2,304.70	67.01	35.393		
7,350.00	5,945.18	6,626.91	6,182.94	91.48	41.36	-136.33	693.72	1,675.52	2,396.12	2,328.56	67.56	35.467		
7,400.00	5,980.26	6,650.00	6,191.16	92.14	41.50	-129.02	715.03	1,678.84	2,419.81	2,351.88	67.93	35.622		
7,450.00	6,013.88	6,650.00	6,191.16	92.77	41.50	-122.74	715.03	1,678.84	2,442.53	2,375.05	67.48	36.196		
7,500.00	6,045.79	6,679.62	6,200.50	93.36	41.68	-116.76	742.87	1,682.70	2,463.98	2,396.02	67.96	36.258		
7,550.00	6,075.75	6,700.00	6,206.12	93.90	41.80	-111.60	762.31	1,685.09	2,484.15	2,416.08	68.07	36.495		
7,600.00	6,103.52	6,716.91	6,210.29	94.40	41.90	-107.12	778.60	1,686.90	2,502.81	2,434.80	68.01	36.799		
7,650.00	6,128.89	6,750.00	6,217.13	94.85	42.09	-103.12	810.82	1,690.01	2,519.93	2,451.48	68.45	36.815		
7,700.00	6,151.68	6,750.00	6,217.13	95.25	42.09	-99.96	810.82	1,690.01	2,535.11	2,467.38	67.73	37.429		
7,750.00	6,171.71	6,775.07	6,221.12	95.60	42.23	-97.13	835.50	1,691.96	2,548.47	2,480.66	67.81	37.582		
7,800.00	6,188.82	6,800.00	6,224.08	95.91	42.37	-94.82	860.19	1,693.56	2,559.89	2,492.04	67.85	37.729		
7,850.00	6,202.89	6,814.86	6,225.35	96.16	42.45	-93.02	874.97	1,694.35	2,569.23	2,501.70	67.53	38.043		
7,900.00	6,213.81	6,834.94	6,226.50	96.38	42.56	-91.64	895.01	1,695.22	2,576.46	2,509.09	67.37	38.241		
7,950.00	6,221.49	6,855.11	6,226.98	96.55	42.67	-90.68	915.16	1,695.86	2,581.52	2,514.31	67.21	38.410		
8,000.00	6,225.88	6,898.42	6,227.00	96.69	42.91	-90.11	958.45	1,696.89	2,584.19	2,516.42	67.77	38.132		
8,040.96	6,227.00	6,939.35	6,227.00	96.77	43.14	-90.00	999.37	1,697.86	2,584.31	2,515.87	68.44	37.762		
8,100.00	6,227.00	6,998.38	6,227.00	96.88	43.50	-90.00	1,058.39	1,699.26	2,583.12	2,513.69	69.43	37.206		
8,200.00	6,227.00	7,098.36	6,227.00	97.07	44.13	-90.00	1,158.34	1,701.63	2,581.10	2,509.87	71.23	36.237		
8,300.00	6,227.00	7,198.34	6,227.00	97.28	44.83	-90.00	1,258.29	1,704.00	2,579.07	2,505.92	73.16	35.254		
8,400.00	6,227.00	7,298.32	6,227.00	97.49	45.58	-90.00	1,358.24	1,706.37	2,577.05	2,501.85	75.20	34.269		
8,500.00	6,227.00	7,398.30	6,227.00	97.72	46.38	-90.00	1,458.19	1,708.74	2,575.03	2,497.68	77.35	33.290		
8,600.00	6,227.00	7,498.28	6,227.00	97.97	47.23	-90.00	1,558.14	1,711.11	2,573.01	2,493.41	79.60	32.325		
8,700.00	6,227.00	7,598.26	6,227.00	98.23	48.14	-90.00	1,658.10	1,713.48	2,570.99	2,489.05	81.94	31.377		
8,800.00	6,227.00	7,698.24	6,227.00	98.50	49.09	-90.00	1,758.05	1,715.86	2,568.97	2,484.61	84.36	30.453		
8,900.00	6,227.00	7,798.22	6,227.00	98.79	50.09	-90.00	1,858.00	1,718.23	2,566.95	2,480.09	86.86	29.554		
9,000.00	6,227.00	7,898.20	6,227.00	99.09	51.13	-90.00	1,957.95	1,720.60	2,564.93	2,475.50	89.42	28.683		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-04 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	6,227.00	7,998.18	6,227.00	99.41	52.22	-90.00	2,057.90	1,722.97	2,562.91	2,470.85	92.05	27.841		
9,200.00	6,227.00	8,098.16	6,227.00	99.75	53.35	-90.00	2,157.85	1,725.34	2,560.88	2,466.14	94.74	27.030		
9,300.00	6,227.00	8,198.14	6,227.00	100.10	54.52	-90.00	2,257.81	1,727.71	2,558.86	2,461.38	97.49	26.249		
9,400.00	6,227.00	8,298.11	6,227.00	100.47	55.72	-90.00	2,357.76	1,730.08	2,556.84	2,456.56	100.28	25.498		
9,500.00	6,227.00	8,398.09	6,227.00	100.86	56.95	-90.00	2,457.71	1,732.45	2,554.82	2,451.71	103.11	24.776		
9,600.00	6,227.00	8,498.07	6,227.00	101.26	58.22	-90.00	2,557.66	1,734.82	2,552.80	2,446.81	105.99	24.084		
9,700.00	6,227.00	8,598.05	6,227.00	101.68	59.51	-90.00	2,657.61	1,737.19	2,550.78	2,441.87	108.91	23.421		
9,800.00	6,227.00	8,698.03	6,227.00	102.13	60.83	-90.00	2,757.56	1,739.56	2,548.76	2,436.89	111.86	22.784		
9,900.00	6,227.00	8,798.01	6,227.00	102.59	62.18	-90.00	2,857.51	1,741.93	2,546.74	2,431.89	114.85	22.174		
10,000.00	6,227.00	8,897.99	6,227.00	103.07	63.55	-90.00	2,957.47	1,744.30	2,544.72	2,426.85	117.87	21.590		
10,100.00	6,227.00	8,997.97	6,227.00	103.58	64.94	-90.00	3,057.42	1,746.67	2,542.70	2,421.78	120.91	21.029		
10,200.00	6,227.00	9,097.95	6,227.00	104.10	66.35	-90.00	3,157.37	1,749.04	2,540.67	2,416.69	123.98	20.492		
10,300.00	6,227.00	9,197.93	6,227.00	104.65	67.78	-90.00	3,257.32	1,751.41	2,538.65	2,411.58	127.08	19.977		
10,400.00	6,227.00	9,297.91	6,227.00	105.22	69.23	-90.00	3,357.27	1,753.78	2,536.63	2,406.44	130.19	19.484		
10,500.00	6,227.00	9,397.89	6,227.00	105.82	70.69	-90.00	3,457.22	1,756.15	2,534.61	2,401.28	133.33	19.010		
10,600.00	6,227.00	9,497.87	6,227.00	106.43	72.17	-90.00	3,557.17	1,758.52	2,532.59	2,396.10	136.49	18.555		
10,700.00	6,227.00	9,597.85	6,227.00	107.07	73.66	-90.00	3,657.13	1,760.89	2,530.57	2,390.90	139.66	18.119		
10,800.00	6,227.00	9,697.83	6,227.00	107.74	75.17	-90.00	3,757.08	1,763.26	2,528.55	2,385.69	142.86	17.700		
10,900.00	6,227.00	9,797.81	6,227.00	108.42	76.68	-90.00	3,857.03	1,765.63	2,526.53	2,380.46	146.07	17.297		
11,000.00	6,227.00	9,897.79	6,227.00	109.14	78.21	-90.00	3,956.98	1,768.00	2,524.51	2,375.22	149.29	16.910		
11,100.00	6,227.00	9,997.77	6,227.00	109.87	79.76	-90.00	4,056.93	1,770.37	2,522.48	2,369.96	152.53	16.538		
11,200.00	6,227.00	10,097.75	6,227.00	110.64	81.31	-90.00	4,156.88	1,772.74	2,520.46	2,364.69	155.78	16.180		
11,300.00	6,227.00	10,197.73	6,227.00	111.43	82.87	-90.00	4,256.83	1,775.11	2,518.44	2,359.40	159.04	15.835		
11,400.00	6,227.00	10,297.71	6,227.00	112.24	84.44	-90.00	4,356.79	1,777.48	2,516.42	2,354.11	162.31	15.503		
11,500.00	6,227.00	10,397.69	6,227.00	113.08	86.01	-90.00	4,456.74	1,779.85	2,514.40	2,348.80	165.60	15.184		
11,600.00	6,227.00	10,497.67	6,227.00	113.94	87.60	-90.00	4,556.69	1,782.22	2,512.38	2,343.48	168.89	14.875		
11,700.00	6,227.00	10,597.65	6,227.00	114.83	89.19	-90.00	4,656.64	1,784.59	2,510.36	2,338.16	172.20	14.578		
11,800.00	6,227.00	10,697.62	6,227.00	115.74	90.79	-90.00	4,756.59	1,786.96	2,508.34	2,332.82	175.51	14.291		
11,900.00	6,227.00	10,797.60	6,227.00	116.68	92.40	-90.00	4,856.54	1,789.33	2,506.32	2,327.48	178.84	14.015		
12,000.00	6,227.00	10,897.58	6,227.00	117.64	94.01	-90.00	4,956.50	1,791.70	2,504.29	2,322.13	182.17	13.747		
12,100.00	6,227.00	10,997.56	6,227.00	118.63	95.63	-90.00	5,056.45	1,794.07	2,502.27	2,316.77	185.51	13.489		
12,200.00	6,227.00	11,097.54	6,227.00	119.64	97.25	-90.00	5,156.40	1,796.44	2,500.25	2,311.40	188.85	13.239		
12,300.00	6,227.00	11,197.52	6,227.00	120.68	98.88	-90.00	5,256.35	1,798.81	2,498.23	2,306.03	192.20	12.998		
12,400.00	6,227.00	11,265.65	6,227.00	121.74	99.99	-90.00	5,324.45	1,800.43	2,496.41	2,302.43	193.99	12.869 SF		
12,418.60	6,227.00	11,265.65	6,227.00	121.93	99.99	-90.00	5,324.45	1,800.43	2,496.34	2,302.66	193.68	12.889		
12,500.00	6,227.00	11,265.65	6,227.00	122.82	99.99	-90.00	5,324.45	1,800.43	2,497.67	2,305.40	192.27	12.990		
12,600.00	6,227.00	11,265.65	6,227.00	123.92	99.99	-90.00	5,324.45	1,800.43	2,502.93	2,312.55	190.37	13.148		
12,700.00	6,227.00	11,265.65	6,227.00	125.04	99.99	-90.00	5,324.45	1,800.43	2,512.15	2,323.84	188.31	13.341		
12,800.00	6,227.00	11,265.65	6,227.00	126.19	99.99	-90.00	5,324.45	1,800.43	2,525.31	2,339.21	186.10	13.570		
12,900.00	6,227.00	11,265.65	6,227.00	127.35	99.99	-90.00	5,324.45	1,800.43	2,542.34	2,358.58	183.76	13.835		
13,000.00	6,227.00	11,265.65	6,227.00	128.54	99.99	-90.00	5,324.45	1,800.43	2,563.15	2,381.85	181.30	14.138		
13,100.00	6,227.00	11,265.65	6,227.00	129.74	99.99	-90.00	5,324.45	1,800.43	2,587.67	2,408.91	178.76	14.476		
13,200.00	6,227.00	11,265.65	6,227.00	130.97	99.99	-90.00	5,324.45	1,800.43	2,615.78	2,439.64	176.14	14.850		
13,300.00	6,227.00	11,265.65	6,227.00	132.21	99.99	-90.00	5,324.45	1,800.43	2,647.38	2,473.89	173.48	15.260		
13,400.00	6,227.00	11,265.65	6,227.00	133.47	99.99	-90.00	5,324.45	1,800.43	2,682.33	2,511.54	170.79	15.705		
13,500.00	6,227.00	11,265.65	6,227.00	134.74	99.99	-90.00	5,324.45	1,800.43	2,720.51	2,552.42	168.09	16.185		
13,600.00	6,227.00	11,265.65	6,227.00	136.03	99.99	-90.00	5,324.45	1,800.43	2,761.78	2,596.39	165.39	16.698		
13,700.00	6,227.00	11,265.65	6,227.00	137.34	99.99	-90.00	5,324.45	1,800.43	2,806.02	2,643.29	162.72	17.244		
13,800.00	6,227.00	11,265.65	6,227.00	138.67	99.99	-90.00	5,324.45	1,800.43	2,853.07	2,692.98	160.08	17.822		
13,900.00	6,227.00	11,265.65	6,227.00	140.00	99.99	-90.00	5,324.45	1,800.43	2,902.81	2,745.31	157.50	18.431		
14,000.00	6,227.00	11,265.65	6,227.00	141.36	99.99	-90.00	5,324.45	1,800.43	2,955.09	2,800.12	154.97	19.069		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-10-04 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,100.00	6,227.00	11,265.65	6,227.00	142.72	99.99	-90.00	5,324.45	1,800.43	3,009.79	2,857.29	152.50	19.736	
14,200.00	6,227.00	11,265.65	6,227.00	144.10	99.99	-90.00	5,324.45	1,800.43	3,066.78	2,916.66	150.12	20.429	
14,300.00	6,227.00	11,265.65	6,227.00	145.49	99.99	-90.00	5,324.45	1,800.43	3,125.92	2,978.12	147.81	21.149	
14,400.00	6,227.00	11,265.65	6,227.00	146.90	99.99	-90.00	5,324.45	1,800.43	3,187.11	3,041.53	145.58	21.893	
14,500.00	6,227.00	11,265.65	6,227.00	148.31	99.99	-90.00	5,324.45	1,800.43	3,250.22	3,106.79	143.44	22.659	
14,600.00	6,227.00	11,265.65	6,227.00	149.74	99.99	-90.00	5,324.45	1,800.43	3,315.15	3,173.77	141.39	23.448	
14,700.00	6,227.00	11,265.65	6,227.00	151.18	99.99	-90.00	5,324.45	1,800.43	3,381.79	3,242.37	139.42	24.256	
14,800.00	6,227.00	11,265.65	6,227.00	152.62	99.99	-90.00	5,324.45	1,800.43	3,450.04	3,312.50	137.54	25.083	
14,900.00	6,227.00	11,265.65	6,227.00	154.08	99.99	-90.00	5,324.45	1,800.43	3,519.81	3,384.06	135.76	25.928	
15,000.00	6,227.00	11,265.65	6,227.00	155.55	99.99	-90.00	5,324.45	1,800.43	3,591.01	3,456.96	134.05	26.788	
15,100.00	6,227.00	11,265.65	6,227.00	157.03	99.99	-90.00	5,324.45	1,800.43	3,663.56	3,531.12	132.44	27.663	
15,200.00	6,227.00	11,265.65	6,227.00	158.51	99.99	-90.00	5,324.45	1,800.43	3,737.37	3,606.47	130.90	28.551	
15,300.00	6,227.00	11,265.65	6,227.00	160.01	99.99	-90.00	5,324.45	1,800.43	3,812.37	3,682.93	129.45	29.451	
15,400.00	6,227.00	11,265.65	6,227.00	161.51	99.99	-90.00	5,324.45	1,800.43	3,888.51	3,760.44	128.07	30.362	
15,500.00	6,227.00	11,265.65	6,227.00	163.02	99.99	-90.00	5,324.45	1,800.43	3,965.70	3,838.93	126.77	31.282	
15,600.00	6,227.00	11,265.65	6,227.00	164.54	99.99	-90.00	5,324.45	1,800.43	4,043.89	3,918.35	125.54	32.211	
15,700.00	6,227.00	11,265.65	6,227.00	166.06	99.99	-90.00	5,324.45	1,800.43	4,123.02	3,998.64	124.39	33.147	
15,800.00	6,227.00	11,265.65	6,227.00	167.59	99.99	-90.00	5,324.45	1,800.43	4,203.05	4,079.75	123.30	34.089	
15,900.00	6,227.00	11,265.65	6,227.00	169.13	99.99	-90.00	5,324.45	1,800.43	4,283.91	4,161.64	122.27	35.037	
16,000.00	6,227.00	11,265.65	6,227.00	170.68	99.99	-90.00	5,324.45	1,800.43	4,365.57	4,244.26	121.30	35.988	
16,100.00	6,227.00	11,265.65	6,227.00	172.23	99.99	-90.00	5,324.45	1,800.43	4,447.97	4,327.57	120.40	36.944	
16,200.00	6,227.00	11,265.65	6,227.00	173.78	99.99	-90.00	5,324.45	1,800.43	4,531.08	4,411.53	119.55	37.901	
16,300.00	6,227.00	11,265.65	6,227.00	175.35	99.99	-90.00	5,324.45	1,800.43	4,614.87	4,496.11	118.75	38.861	
16,400.00	6,227.00	11,265.65	6,227.00	176.92	99.99	-90.00	5,324.45	1,800.43	4,699.29	4,581.28	118.01	39.822	
16,500.00	6,227.00	11,265.65	6,227.00	178.49	99.99	-90.00	5,324.45	1,800.43	4,784.30	4,666.99	117.31	40.783	
16,600.00	6,227.00	11,265.65	6,227.00	180.07	99.99	-90.00	5,324.45	1,800.43	4,869.89	4,753.23	116.66	41.744	
16,700.00	6,227.00	11,265.65	6,227.00	181.65	99.99	-90.00	5,324.45	1,800.43	4,956.02	4,839.96	116.05	42.704	
16,800.00	6,227.00	11,265.65	6,227.00	183.24	99.99	-90.00	5,324.45	1,800.43	5,042.66	4,927.17	115.49	43.663	
16,900.00	6,227.00	11,265.65	6,227.00	184.84	99.99	-90.00	5,324.45	1,800.43	5,129.78	5,014.82	114.96	44.621	
17,000.00	6,227.00	11,265.65	6,227.00	186.43	99.99	-90.00	5,324.45	1,800.43	5,217.37	5,102.90	114.48	45.576	
17,100.00	6,227.00	11,265.65	6,227.00	188.04	99.99	-90.00	5,324.45	1,800.43	5,305.40	5,191.38	114.02	46.530	
17,200.00	6,227.00	11,265.65	6,227.00	189.64	99.99	-90.00	5,324.45	1,800.43	5,393.84	5,280.24	113.60	47.480	
17,300.00	6,227.00	11,265.65	6,227.00	191.25	99.99	-90.00	5,324.45	1,800.43	5,482.68	5,369.47	113.21	48.428	
17,400.00	6,227.00	11,265.65	6,227.00	192.87	99.99	-90.00	5,324.45	1,800.43	5,571.90	5,459.05	112.86	49.372	
17,500.00	6,227.00	11,265.65	6,227.00	194.48	99.99	-90.00	5,324.45	1,800.43	5,661.48	5,548.96	112.53	50.313	
17,600.00	6,227.00	11,265.65	6,227.00	196.11	99.99	-90.00	5,324.45	1,800.43	5,751.40	5,639.18	112.22	51.250	
17,677.76	6,227.00	11,265.65	6,227.00	197.37	99.99	-90.00	5,324.45	1,800.43	5,821.55	5,709.55	112.00	51.977	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-20-06 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.71	0.00	39.71				
100.00	100.00	100.00	100.00	0.27	0.27	0.00	39.71	0.00	39.71	39.17	0.54	73.842	
200.00	199.98	199.98	199.98	0.62	0.63	-87.18	39.71	0.00	39.58	38.33	1.25	31.672	
245.40	245.34	245.34	245.34	0.79	0.79	-89.99	39.71	0.00	39.53	37.96	1.58	25.088 CC	
300.00	299.84	299.84	299.84	0.99	0.99	-94.74	39.71	0.00	39.67	37.70	1.97	20.162 ES	
400.00	399.45	399.80	399.78	1.36	1.34	-104.51	39.91	1.73	40.88	38.19	2.69	15.180	
500.00	498.70	500.00	499.84	1.75	1.69	-113.43	40.51	6.93	43.28	39.84	3.43	12.605	
600.00	597.47	600.46	599.91	2.18	2.06	-121.19	41.52	15.64	46.66	42.47	4.19	11.126	
700.00	695.62	701.16	699.85	2.63	2.45	-127.73	42.94	27.85	50.83	45.86	4.97	10.220	
800.00	793.06	802.10	799.54	3.12	2.86	-133.15	44.77	43.60	55.60	49.83	5.77	9.635	
900.00	889.64	903.30	898.85	3.66	3.30	-137.60	47.01	62.87	60.82	54.23	6.59	9.235	
1,000.00	985.27	1,004.75	997.66	4.25	3.78	-141.25	49.65	85.67	66.35	58.93	7.42	8.943	
1,100.00	1,079.82	1,106.44	1,095.83	4.89	4.31	-144.25	52.71	112.01	72.11	63.84	8.27	8.719	
1,200.00	1,173.17	1,208.38	1,193.24	5.58	4.88	-146.73	56.18	141.86	78.03	68.89	9.15	8.533	
1,300.00	1,265.21	1,310.57	1,289.74	6.34	5.52	-148.78	60.05	175.23	84.06	74.01	10.04	8.369	
1,400.00	1,355.84	1,413.01	1,385.22	7.16	6.21	-150.49	64.33	212.08	90.14	79.18	10.97	8.218	
1,500.00	1,444.94	1,515.69	1,479.53	8.05	6.98	-151.91	69.01	252.40	96.26	84.33	11.92	8.073	
1,600.00	1,532.39	1,618.62	1,572.55	9.02	7.81	-153.11	74.09	296.16	102.37	89.46	12.91	7.930	
1,700.00	1,618.11	1,721.78	1,664.13	10.05	8.72	-154.10	79.57	343.32	108.46	94.53	13.93	7.785	
1,800.00	1,701.97	1,825.19	1,754.15	11.16	9.70	-154.93	85.43	393.85	114.50	99.51	14.99	7.640	
1,900.00	1,783.88	1,924.94	1,840.06	12.35	10.70	-155.93	91.28	444.21	122.05	105.96	16.09	7.586	
2,000.00	1,863.74	2,024.30	1,925.63	13.61	11.71	-157.38	97.10	494.36	132.85	115.72	17.13	7.757	
2,100.00	1,941.45	2,123.19	2,010.81	14.95	12.73	-159.08	102.90	544.29	146.95	128.85	18.10	8.119	
2,112.50	1,951.01	2,135.52	2,021.43	15.12	12.86	-159.30	103.62	550.51	148.95	130.73	18.22	8.176	
2,200.00	2,017.79	2,221.76	2,095.70	16.35	13.75	-160.80	108.68	594.04	163.18	144.13	19.05	8.567	
2,300.00	2,094.11	2,320.32	2,180.58	17.76	14.79	-162.23	114.45	643.80	179.56	159.55	20.01	8.974	
2,400.00	2,170.44	2,418.88	2,265.47	19.17	15.82	-163.41	120.23	693.55	196.03	175.04	20.98	9.342	
2,500.00	2,246.76	2,517.44	2,350.35	20.60	16.87	-164.42	126.01	743.30	212.56	190.59	21.97	9.675	
2,600.00	2,323.08	2,616.00	2,435.23	22.03	17.91	-165.27	131.78	793.06	229.15	206.19	22.97	9.978	
2,700.00	2,399.41	2,714.56	2,520.12	23.47	18.96	-166.02	137.56	842.81	245.79	221.82	23.97	10.254	
2,800.00	2,475.73	2,813.12	2,605.00	24.91	20.01	-166.66	143.34	892.56	262.46	237.48	24.98	10.506	
2,900.00	2,552.05	2,911.68	2,689.89	26.36	21.07	-167.24	149.11	942.32	279.15	253.16	26.00	10.737	
3,000.00	2,628.38	3,010.24	2,774.77	27.80	22.12	-167.74	154.89	992.07	295.88	268.85	27.02	10.950	
3,100.00	2,704.70	3,108.80	2,859.66	29.25	23.18	-168.19	160.67	1,041.82	312.62	284.57	28.05	11.145	
3,200.00	2,781.02	3,207.36	2,944.54	30.71	24.24	-168.60	166.44	1,091.58	329.38	300.29	29.08	11.326	
3,300.00	2,857.35	3,305.92	3,029.42	32.16	25.30	-168.97	172.22	1,141.33	346.15	316.03	30.12	11.493	
3,400.00	2,933.67	3,404.48	3,114.31	33.62	26.37	-169.30	178.00	1,191.08	362.94	331.78	31.16	11.649	
3,500.00	3,009.99	3,503.04	3,199.19	35.07	27.43	-169.60	183.77	1,240.84	379.73	347.53	32.20	11.793	
3,600.00	3,086.31	3,601.60	3,284.08	36.53	28.49	-169.88	189.55	1,290.59	396.54	363.29	33.24	11.928	
3,700.00	3,162.64	3,700.16	3,368.96	37.99	29.56	-170.14	195.33	1,340.34	413.35	379.06	34.29	12.054	
3,800.00	3,238.96	3,798.72	3,453.84	39.45	30.62	-170.37	201.10	1,390.10	430.18	394.83	35.34	12.172	
3,900.00	3,315.28	3,897.28	3,538.73	40.91	31.69	-170.59	206.88	1,439.85	447.00	410.61	36.39	12.283	
4,000.00	3,391.61	3,995.84	3,623.61	42.37	32.76	-170.79	212.66	1,489.60	463.84	426.39	37.45	12.387	
4,100.00	3,467.93	4,094.40	3,708.50	43.84	33.83	-170.98	218.43	1,539.36	480.68	442.18	38.50	12.484	
4,200.00	3,544.25	4,192.96	3,793.38	45.30	34.89	-171.15	224.21	1,589.11	497.52	457.96	39.56	12.577	
4,300.00	3,620.58	4,291.52	3,878.27	46.76	35.96	-171.32	229.99	1,638.86	514.37	473.75	40.62	12.664	
4,400.00	3,696.90	4,390.08	3,963.15	48.23	37.03	-171.47	235.76	1,688.62	531.22	489.55	41.68	12.746	
4,500.00	3,773.22	4,488.64	4,048.03	49.69	38.10	-171.61	241.54	1,738.37	548.08	505.34	42.74	12.824	
4,600.00	3,849.55	4,587.20	4,132.92	51.16	39.17	-171.75	247.32	1,788.12	564.94	521.14	43.80	12.898	
4,700.00	3,925.87	4,685.76	4,217.80	52.62	40.24	-171.88	253.09	1,837.88	581.80	536.94	44.86	12.969	
4,800.00	4,002.19	4,784.32	4,302.69	54.09	41.31	-172.00	258.87	1,887.63	598.66	552.74	45.93	13.035	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-20-06 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
4,900.00	4,078.51	4,882.88	4,387.57	55.56	42.38	-172.11	264.65	1,937.38	615.53	568.54	46.99	13.099	
5,000.00	4,154.84	4,981.44	4,472.46	57.02	43.45	-172.22	270.43	1,987.14	632.40	584.34	48.06	13.159	
5,100.00	4,231.16	5,080.00	4,557.34	58.49	44.52	-172.32	276.20	2,036.89	649.27	600.15	49.12	13.217	
5,200.00	4,307.48	5,178.56	4,642.22	59.96	45.59	-172.42	281.98	2,086.64	666.14	615.95	50.19	13.272	
5,300.00	4,383.81	5,277.12	4,727.11	61.43	46.66	-172.51	287.76	2,136.40	683.02	631.76	51.26	13.325	
5,400.00	4,460.13	5,375.68	4,811.99	62.89	47.74	-172.60	293.53	2,186.15	699.90	647.57	52.33	13.376	
5,500.00	4,536.45	5,474.24	4,896.88	64.36	48.81	-172.68	299.31	2,235.91	716.77	663.38	53.39	13.424	
5,600.00	4,612.78	5,572.80	4,981.76	65.83	49.88	-172.76	305.09	2,285.66	733.65	679.19	54.46	13.470	
5,700.00	4,689.10	5,671.37	5,066.65	67.30	50.95	-172.84	310.86	2,335.41	750.53	695.00	55.53	13.515	
5,800.00	4,765.42	5,769.93	5,151.53	68.77	52.02	-172.91	316.64	2,385.17	767.41	710.81	56.61	13.557	
5,900.00	4,841.75	5,868.49	5,236.41	70.24	53.09	-172.98	322.42	2,434.92	784.30	726.62	57.68	13.598	
6,000.00	4,918.07	5,967.05	5,321.30	71.70	54.17	-173.04	328.19	2,484.67	801.18	742.43	58.75	13.638	
6,100.00	4,994.39	6,065.61	5,406.18	73.17	55.24	-173.11	333.97	2,534.43	818.07	758.25	59.82	13.676	
6,200.00	5,070.72	6,164.17	5,491.07	74.64	56.31	-173.17	339.75	2,584.18	834.95	774.06	60.89	13.712	
6,300.00	5,147.04	6,262.73	5,575.95	76.11	57.38	-173.23	345.52	2,633.93	851.84	789.88	61.96	13.747	
6,400.00	5,223.36	6,361.29	5,660.84	77.58	58.46	-173.28	351.30	2,683.69	868.73	805.69	63.04	13.781	
6,500.00	5,299.68	6,459.85	5,745.72	79.05	59.53	-173.34	357.08	2,733.44	885.62	821.51	64.11	13.814	
6,600.00	5,376.01	6,554.37	5,826.69	80.52	60.56	-173.07	367.50	2,780.91	902.68	837.36	65.32	13.819	
6,700.00	5,452.33	6,644.24	5,901.34	81.99	61.51	-171.94	391.28	2,824.74	920.51	853.50	67.02	13.736	
6,800.00	5,528.65	6,726.59	5,966.17	83.46	62.33	-170.20	424.71	2,862.83	939.97	870.78	69.19	13.586	
6,900.00	5,604.98	6,800.00	6,019.92	84.93	63.02	-168.14	463.32	2,894.46	962.19	890.47	71.72	13.417	
7,000.00	5,681.30	6,862.39	6,061.94	86.40	63.55	-166.05	502.18	2,919.22	988.27	914.00	74.27	13.306	
7,100.00	5,757.62	6,916.10	6,095.01	87.87	63.98	-164.05	539.71	2,938.72	1,019.08	942.45	76.63	13.299	
7,176.71	5,816.17	6,950.00	6,114.26	89.00	64.23	-162.70	565.19	2,950.09	1,046.23	968.20	78.03	13.408	
7,200.00	5,833.92	6,961.93	6,120.73	89.34	64.31	-158.58	574.47	2,953.91	1,055.00	976.45	78.54	13.432	
7,250.00	5,871.73	6,984.00	6,132.23	90.07	64.47	-150.08	592.03	2,960.71	1,074.01	994.80	79.21	13.558	
7,300.00	5,908.91	7,000.00	6,140.20	90.78	64.58	-142.20	605.07	2,965.43	1,093.10	1,013.92	79.18	13.805	
7,350.00	5,945.18	7,028.82	6,153.75	91.48	64.76	-134.46	629.20	2,973.45	1,111.93	1,032.06	79.87	13.922	
7,400.00	5,980.26	7,050.00	6,163.03	92.14	64.89	-127.60	647.43	2,978.95	1,130.38	1,050.63	79.75	14.174	
7,450.00	6,013.88	7,074.36	6,172.98	92.77	65.03	-121.32	668.86	2,984.86	1,148.20	1,068.54	79.66	14.413	
7,500.00	6,045.79	7,100.00	6,182.59	93.36	65.17	-115.69	691.94	2,990.57	1,165.23	1,085.74	79.48	14.660	
7,550.00	6,075.75	7,120.45	6,189.61	93.90	65.27	-110.83	710.68	2,994.75	1,181.28	1,102.56	78.71	15.007	
7,600.00	6,103.52	7,150.00	6,198.73	94.40	65.42	-106.42	738.26	3,000.18	1,196.25	1,117.74	78.51	15.237	
7,650.00	6,128.89	7,166.96	6,203.40	94.85	65.50	-102.79	754.32	3,002.98	1,209.91	1,132.74	77.18	15.677	
7,700.00	6,151.68	7,200.00	6,211.32	95.25	65.65	-99.50	786.04	3,007.73	1,222.33	1,145.34	76.99	15.876	
7,750.00	6,171.71	7,213.78	6,214.15	95.60	65.70	-96.93	799.42	3,009.43	1,233.13	1,157.90	75.24	16.390	
7,800.00	6,188.82	7,250.00	6,220.26	95.91	65.84	-94.62	834.92	3,013.14	1,242.61	1,167.49	75.12	16.542	
7,850.00	6,202.89	7,250.00	6,220.26	96.16	65.84	-93.03	834.92	3,013.14	1,250.30	1,177.95	72.35	17.282	
7,900.00	6,213.81	7,284.41	6,224.27	96.38	65.96	-91.63	869.00	3,015.60	1,256.26	1,184.22	72.04	17.439	
7,950.00	6,221.49	7,300.00	6,225.50	96.55	66.01	-90.72	884.52	3,016.38	1,260.66	1,190.16	70.50	17.881	
8,000.00	6,225.88	7,331.65	6,226.87	96.69	66.10	-90.15	916.12	3,017.29	1,263.21	1,193.16	70.05	18.032	
8,040.96	6,227.00	7,358.04	6,227.00	96.77	66.18	-90.00	942.51	3,017.46	1,264.00	1,194.24	69.75	18.121	
8,100.00	6,227.00	7,417.08	6,227.00	96.88	66.34	-90.00	1,001.55	3,017.66	1,264.00	1,193.38	70.61	17.901	
8,200.00	6,227.00	7,517.08	6,227.00	97.07	66.63	-90.00	1,101.55	3,018.01	1,264.00	1,191.82	72.18	17.511	
8,300.00	6,227.00	7,617.08	6,227.00	97.28	66.95	-90.00	1,201.55	3,018.36	1,264.00	1,190.11	73.89	17.107	
8,400.00	6,227.00	7,717.08	6,227.00	97.49	67.30	-90.00	1,301.55	3,018.71	1,264.00	1,188.28	75.72	16.693	
8,500.00	6,227.00	7,817.08	6,227.00	97.72	67.67	-90.00	1,401.55	3,019.06	1,264.00	1,186.33	77.68	16.273	
8,600.00	6,227.00	7,917.08	6,227.00	97.97	68.07	-90.00	1,501.55	3,019.41	1,264.00	1,184.27	79.74	15.852	
8,700.00	6,227.00	8,017.08	6,227.00	98.23	68.50	-90.00	1,601.55	3,019.75	1,264.00	1,182.10	81.90	15.433	
8,800.00	6,227.00	8,117.08	6,227.00	98.50	68.96	-90.00	1,701.55	3,020.10	1,264.01	1,179.85	84.16	15.019	
8,900.00	6,227.00	8,217.08	6,227.00	98.79	69.45	-90.00	1,801.55	3,020.45	1,264.01	1,177.50	86.51	14.612	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-20-06 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	6,227.00	8,317.08	6,227.00	99.09	69.97	-90.00	1,901.55	3,020.80	1,264.01	1,175.08	88.93	14.214		
9,100.00	6,227.00	8,417.08	6,227.00	99.41	70.52	-90.00	2,001.55	3,021.15	1,264.01	1,172.58	91.43	13.825		
9,200.00	6,227.00	8,517.08	6,227.00	99.75	71.11	-90.00	2,101.55	3,021.50	1,264.01	1,170.02	93.99	13.448		
9,300.00	6,227.00	8,617.08	6,227.00	100.10	71.72	-90.00	2,201.54	3,021.85	1,264.01	1,167.40	96.62	13.083		
9,400.00	6,227.00	8,717.08	6,227.00	100.47	72.38	-90.00	2,301.54	3,022.19	1,264.01	1,164.71	99.30	12.729		
9,500.00	6,227.00	8,817.08	6,227.00	100.86	73.06	-90.00	2,401.54	3,022.54	1,264.02	1,161.98	102.04	12.388		
9,600.00	6,227.00	8,917.08	6,227.00	101.26	73.78	-90.00	2,501.54	3,022.89	1,264.02	1,159.19	104.82	12.059		
9,700.00	6,227.00	9,017.08	6,227.00	101.68	74.54	-90.00	2,601.54	3,023.24	1,264.02	1,156.37	107.65	11.742		
9,800.00	6,227.00	9,117.08	6,227.00	102.13	75.33	-90.00	2,701.54	3,023.59	1,264.02	1,153.50	110.52	11.437		
9,900.00	6,227.00	9,217.08	6,227.00	102.59	76.15	-90.00	2,801.54	3,023.94	1,264.02	1,150.59	113.43	11.143		
10,000.00	6,227.00	9,317.08	6,227.00	103.07	77.01	-90.00	2,901.54	3,024.28	1,264.02	1,147.65	116.38	10.862		
10,100.00	6,227.00	9,417.08	6,227.00	103.58	77.91	-90.00	3,001.54	3,024.63	1,264.02	1,144.67	119.35	10.591		
10,200.00	6,227.00	9,517.08	6,227.00	104.10	78.83	-90.00	3,101.54	3,024.98	1,264.03	1,141.67	122.36	10.330		
10,300.00	6,227.00	9,617.08	6,227.00	104.65	79.80	-90.00	3,201.54	3,025.33	1,264.03	1,138.63	125.39	10.080		
10,400.00	6,227.00	9,717.08	6,227.00	105.22	80.79	-90.00	3,301.54	3,025.68	1,264.03	1,135.57	128.46	9.840		
10,500.00	6,227.00	9,817.08	6,227.00	105.82	81.82	-90.00	3,401.54	3,026.03	1,264.03	1,132.49	131.54	9.609		
10,600.00	6,227.00	9,917.08	6,227.00	106.43	82.87	-90.00	3,501.54	3,026.37	1,264.03	1,129.38	134.65	9.388		
10,700.00	6,227.00	10,017.08	6,227.00	107.07	83.96	-90.00	3,601.54	3,026.72	1,264.03	1,126.25	137.78	9.174		
10,800.00	6,227.00	10,117.08	6,227.00	107.74	85.08	-90.00	3,701.54	3,027.07	1,264.03	1,123.10	140.93	8.969		
10,900.00	6,227.00	10,217.08	6,227.00	108.42	86.22	-90.00	3,801.53	3,027.42	1,264.04	1,119.94	144.10	8.772		
11,000.00	6,227.00	10,317.08	6,227.00	109.14	87.39	-90.00	3,901.53	3,027.77	1,264.04	1,116.76	147.28	8.582		
11,100.00	6,227.00	10,417.08	6,227.00	109.87	88.59	-90.00	4,001.53	3,028.12	1,264.04	1,113.56	150.48	8.400		
11,200.00	6,227.00	10,517.08	6,227.00	110.64	89.81	-90.00	4,101.53	3,028.46	1,264.04	1,110.34	153.70	8.224		
11,300.00	6,227.00	10,617.08	6,227.00	111.43	91.06	-90.00	4,201.53	3,028.81	1,264.04	1,107.11	156.93	8.055		
11,400.00	6,227.00	10,717.08	6,227.00	112.24	92.32	-90.00	4,301.53	3,029.16	1,264.04	1,103.87	160.17	7.892		
11,500.00	6,227.00	10,817.08	6,227.00	113.08	93.61	-90.00	4,401.53	3,029.51	1,264.04	1,100.61	163.43	7.735		
11,600.00	6,227.00	10,917.08	6,227.00	113.94	94.92	-90.00	4,501.53	3,029.86	1,264.05	1,097.35	166.70	7.583		
11,700.00	6,227.00	11,017.08	6,227.00	114.83	96.26	-90.00	4,601.53	3,030.21	1,264.05	1,094.07	169.98	7.437		
11,800.00	6,227.00	11,117.08	6,227.00	115.74	97.60	-90.00	4,701.53	3,030.55	1,264.05	1,090.78	173.27	7.295		
11,900.00	6,227.00	11,217.08	6,227.00	116.68	98.97	-90.00	4,801.53	3,030.90	1,264.05	1,087.48	176.57	7.159		
12,000.00	6,227.00	11,317.08	6,227.00	117.64	100.35	-90.00	4,901.53	3,031.25	1,264.05	1,084.18	179.88	7.027		
12,100.00	6,227.00	11,417.08	6,227.00	118.63	101.75	-90.00	5,001.53	3,031.60	1,264.05	1,080.86	183.19	6.900		
12,200.00	6,227.00	11,517.08	6,227.00	119.64	103.17	-90.00	5,101.53	3,031.95	1,264.05	1,077.53	186.52	6.777		
12,300.00	6,227.00	11,617.08	6,227.00	120.68	104.60	-90.00	5,201.53	3,032.30	1,264.05	1,074.20	189.85	6.658		
12,400.00	6,227.00	11,717.08	6,227.00	121.74	106.04	-90.00	5,301.53	3,032.65	1,264.06	1,070.86	193.20	6.543		
12,500.00	6,227.00	11,817.08	6,227.00	122.82	107.49	-90.00	5,401.53	3,032.99	1,264.06	1,067.51	196.54	6.431		
12,600.00	6,227.00	11,917.08	6,227.00	123.92	108.96	-90.00	5,501.52	3,033.34	1,264.06	1,064.16	199.90	6.323		
12,700.00	6,227.00	12,017.08	6,227.00	125.04	110.44	-90.00	5,601.52	3,033.69	1,264.06	1,060.80	203.26	6.219		
12,800.00	6,227.00	12,117.08	6,227.00	126.19	111.93	-90.00	5,701.52	3,034.04	1,264.06	1,057.43	206.63	6.117		
12,900.00	6,227.00	12,217.08	6,227.00	127.35	113.43	-90.00	5,801.52	3,034.39	1,264.06	1,054.06	210.01	6.019		
13,000.00	6,227.00	12,317.08	6,227.00	128.54	114.94	-90.00	5,901.52	3,034.74	1,264.06	1,050.68	213.39	5.924		
13,100.00	6,227.00	12,417.08	6,227.00	129.74	116.46	-90.00	6,001.52	3,035.08	1,264.07	1,047.30	216.77	5.831		
13,200.00	6,227.00	12,517.08	6,227.00	130.97	117.99	-90.00	6,101.52	3,035.43	1,264.07	1,043.91	220.16	5.742		
13,300.00	6,227.00	12,617.08	6,227.00	132.21	119.53	-90.00	6,201.52	3,035.78	1,264.07	1,040.51	223.56	5.654		
13,400.00	6,227.00	12,717.08	6,227.00	133.47	121.08	-90.00	6,301.52	3,036.13	1,264.07	1,037.11	226.96	5.570		
13,500.00	6,227.00	12,817.08	6,227.00	134.74	122.63	-90.00	6,401.52	3,036.48	1,264.07	1,033.71	230.36	5.487		
13,600.00	6,227.00	12,917.08	6,227.00	136.03	124.19	-90.00	6,501.52	3,036.83	1,264.07	1,030.31	233.77	5.407		
13,700.00	6,227.00	13,017.08	6,227.00	137.34	125.76	-90.00	6,601.52	3,037.17	1,264.07	1,026.89	237.18	5.330		
13,800.00	6,227.00	13,117.08	6,227.00	138.67	127.34	-90.00	6,701.52	3,037.52	1,264.08	1,023.48	240.60	5.254		
13,900.00	6,227.00	13,217.08	6,227.00	140.00	128.92	-90.00	6,801.52	3,037.87	1,264.08	1,020.06	244.02	5.180		
14,000.00	6,227.00	13,317.08	6,227.00	141.36	130.51	-90.00	6,901.52	3,038.22	1,264.08	1,016.64	247.44	5.109		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-20-06 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,100.00	6,227.00	13,417.08	6,227.00	142.72	132.10	-90.00	7,001.52	3,038.57	1,264.08	1,013.21	250.87	5.039	
14,200.00	6,227.00	13,517.08	6,227.00	144.10	133.70	-90.00	7,101.51	3,038.92	1,264.08	1,009.78	254.30	4.971	
14,300.00	6,227.00	13,617.08	6,227.00	145.49	135.31	-90.00	7,201.51	3,039.26	1,264.08	1,006.35	257.73	4.905	
14,400.00	6,227.00	13,717.08	6,227.00	146.90	136.92	-90.00	7,301.51	3,039.61	1,264.08	1,002.92	261.17	4.840	
14,500.00	6,227.00	13,817.08	6,227.00	148.31	138.53	-90.00	7,401.51	3,039.96	1,264.09	999.48	264.61	4.777	
14,600.00	6,227.00	13,917.08	6,227.00	149.74	140.15	-90.00	7,501.51	3,040.31	1,264.09	996.04	268.05	4.716	
14,700.00	6,227.00	14,017.08	6,227.00	151.18	141.77	-90.00	7,601.51	3,040.66	1,264.09	992.60	271.49	4.656	
14,800.00	6,227.00	14,117.08	6,227.00	152.62	143.40	-90.00	7,701.51	3,041.01	1,264.09	989.15	274.94	4.598	
14,900.00	6,227.00	14,217.08	6,227.00	154.08	145.03	-90.00	7,801.51	3,041.35	1,264.09	985.70	278.39	4.541	
15,000.00	6,227.00	14,317.08	6,227.00	155.55	146.67	-90.00	7,901.51	3,041.70	1,264.09	982.25	281.84	4.485	
15,100.00	6,227.00	14,417.08	6,227.00	157.03	148.31	-90.00	8,001.51	3,042.05	1,264.09	978.80	285.30	4.431	
15,200.00	6,227.00	14,517.08	6,227.00	158.51	149.96	-90.00	8,101.51	3,042.40	1,264.10	975.34	288.75	4.378	
15,300.00	6,227.00	14,617.08	6,227.00	160.01	151.60	-90.00	8,201.51	3,042.75	1,264.10	971.88	292.21	4.326	
15,400.00	6,227.00	14,717.08	6,227.00	161.51	153.25	-90.00	8,301.51	3,043.10	1,264.10	968.42	295.67	4.275	
15,500.00	6,227.00	14,817.08	6,227.00	163.02	154.91	-90.00	8,401.51	3,043.45	1,264.10	964.96	299.14	4.226	
15,600.00	6,227.00	14,917.08	6,227.00	164.54	156.56	-90.00	8,501.51	3,043.79	1,264.10	961.50	302.60	4.177	
15,700.00	6,227.00	15,017.08	6,227.00	166.06	158.22	-90.00	8,601.51	3,044.14	1,264.10	958.03	306.07	4.130	
15,800.00	6,227.00	15,117.08	6,227.00	167.59	159.89	-90.00	8,701.51	3,044.49	1,264.10	954.57	309.54	4.084	
15,900.00	6,227.00	15,217.08	6,227.00	169.13	161.55	-90.00	8,801.50	3,044.84	1,264.10	951.10	313.01	4.039	
16,000.00	6,227.00	15,317.08	6,227.00	170.68	163.22	-90.00	8,901.50	3,045.19	1,264.11	947.63	316.48	3.994	
16,100.00	6,227.00	15,417.08	6,227.00	172.23	164.89	-90.00	9,001.50	3,045.54	1,264.11	944.15	319.95	3.951	
16,200.00	6,227.00	15,517.08	6,227.00	173.78	166.56	-90.00	9,101.50	3,045.88	1,264.11	940.68	323.43	3.908	
16,300.00	6,227.00	15,617.08	6,227.00	175.35	168.24	-90.00	9,201.50	3,046.23	1,264.11	937.21	326.91	3.867	
16,400.00	6,227.00	15,717.08	6,227.00	176.92	169.92	-90.00	9,301.50	3,046.58	1,264.11	933.73	330.38	3.826	
16,500.00	6,227.00	15,817.08	6,227.00	178.49	171.60	-90.00	9,401.50	3,046.93	1,264.11	930.25	333.86	3.786	
16,600.00	6,227.00	15,917.08	6,227.00	180.07	173.28	-90.00	9,501.50	3,047.28	1,264.11	926.77	337.34	3.747	
16,700.00	6,227.00	16,017.08	6,227.00	181.65	174.97	-90.00	9,601.50	3,047.63	1,264.12	923.29	340.83	3.709	
16,800.00	6,227.00	16,117.08	6,227.00	183.24	176.65	-90.00	9,701.50	3,047.97	1,264.12	919.81	344.31	3.671	
16,900.00	6,227.00	16,217.08	6,227.00	184.84	178.34	-90.00	9,801.50	3,048.32	1,264.12	916.32	347.80	3.635	
17,000.00	6,227.00	16,317.08	6,227.00	186.43	180.03	-90.00	9,901.50	3,048.67	1,264.12	912.84	351.28	3.599	
17,100.00	6,227.00	16,417.08	6,227.00	188.04	181.72	-90.00	10,001.50	3,049.02	1,264.12	909.35	354.77	3.563	
17,200.00	6,227.00	16,517.08	6,227.00	189.64	183.42	-90.00	10,101.50	3,049.37	1,264.12	905.87	358.26	3.529	
17,300.00	6,227.00	16,617.08	6,227.00	191.25	185.11	-90.00	10,201.50	3,049.72	1,264.12	902.38	361.75	3.494	
17,400.00	6,227.00	16,717.08	6,227.00	192.87	186.81	-90.00	10,301.50	3,050.06	1,264.13	898.89	365.24	3.461	
17,500.00	6,227.00	16,817.08	6,227.00	194.48	188.51	-90.00	10,401.50	3,050.41	1,264.13	895.40	368.73	3.428	
17,600.00	6,227.00	16,917.08	6,227.00	196.11	190.21	-90.00	10,501.49	3,050.76	1,264.13	891.91	372.22	3.396	
17,677.76	6,227.00	16,994.84	6,227.00	197.37	191.53	-90.00	10,579.25	3,051.03	1,264.13	889.19	374.94	3.372 SF	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-20-07 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.04	0.00	20.04				
100.00	100.00	100.00	100.00	0.27	0.27	0.00	20.04	0.00	20.04	19.50	0.54	37.264	
200.00	199.98	199.98	199.98	0.62	0.63	-89.66	20.04	0.00	19.95	18.70	1.25	15.964	
204.45	204.43	204.43	204.43	0.64	0.64	-90.10	20.04	0.00	19.95	18.67	1.28	15.569 CC	
300.00	299.84	299.97	299.95	0.99	0.98	-99.58	20.21	1.74	20.25	18.29	1.96	10.320 ES	
400.00	399.45	400.08	399.92	1.36	1.34	-108.92	20.74	6.95	21.15	18.46	2.69	7.864	
500.00	498.70	500.32	499.77	1.75	1.71	-117.25	21.63	15.65	22.58	19.14	3.44	6.565	
600.00	597.47	600.67	599.37	2.18	2.10	-124.39	22.86	27.83	24.45	20.24	4.21	5.807	
700.00	695.62	701.15	698.60	2.63	2.51	-130.38	24.45	43.50	26.66	21.65	5.00	5.330	
800.00	793.06	801.76	797.34	3.12	2.96	-135.35	26.40	62.65	29.11	23.30	5.81	5.013	
900.00	889.64	902.48	895.46	3.66	3.45	-139.45	28.69	85.26	31.75	25.12	6.63	4.788	
1,000.00	985.27	1,003.33	992.84	4.25	3.98	-142.84	31.34	111.32	34.52	27.05	7.47	4.621	
1,100.00	1,079.82	1,104.29	1,089.35	4.89	4.56	-145.66	34.33	140.82	37.39	29.06	8.33	4.488	
1,200.00	1,173.17	1,205.38	1,184.87	5.58	5.20	-148.01	37.67	173.72	40.31	31.10	9.21	4.376	
1,300.00	1,265.21	1,306.59	1,279.27	6.34	5.89	-149.99	41.35	210.00	43.27	33.16	10.11	4.279	
1,400.00	1,355.84	1,407.91	1,372.44	7.16	6.66	-151.65	45.37	249.62	46.26	35.22	11.04	4.190	
1,500.00	1,444.94	1,509.35	1,464.24	8.05	7.48	-153.06	49.73	292.54	49.24	37.25	11.99	4.106	
1,600.00	1,532.39	1,610.91	1,554.56	9.02	8.38	-154.25	54.42	338.73	52.21	39.24	12.97	4.025	
1,700.00	1,618.11	1,712.58	1,643.27	10.05	9.36	-155.27	59.43	388.13	55.17	41.19	13.98	3.946	
1,800.00	1,701.97	1,814.36	1,730.27	11.16	10.41	-156.14	64.77	440.69	58.09	43.07	15.02	3.867	
1,900.00	1,783.88	1,916.25	1,815.42	12.35	11.54	-156.88	70.42	496.35	60.98	44.89	16.10	3.789	
2,000.00	1,863.74	2,018.00	1,898.42	13.61	12.75	-157.51	76.36	554.88	63.85	46.63	17.21	3.709	
2,100.00	1,941.45	2,117.87	1,979.10	14.95	13.97	-158.72	82.30	613.45	68.69	50.37	18.32	3.749	
2,112.50	1,951.01	2,130.34	1,989.17	15.12	14.13	-158.93	83.04	620.76	69.53	51.08	18.45	3.768	
2,200.00	2,017.79	2,217.61	2,059.67	16.35	15.21	-160.35	88.24	671.94	75.58	56.25	19.33	3.910	
2,300.00	2,094.11	2,317.35	2,140.23	17.76	16.46	-161.73	94.17	730.44	82.55	62.20	20.35	4.057	
2,400.00	2,170.44	2,417.09	2,220.80	19.17	17.72	-162.89	100.11	788.93	89.56	68.18	21.38	4.189	
2,500.00	2,246.76	2,516.83	2,301.37	20.60	18.98	-163.88	106.05	847.42	96.60	74.18	22.42	4.309	
2,600.00	2,323.08	2,616.56	2,381.94	22.03	20.25	-164.73	111.98	905.91	103.66	80.20	23.46	4.418	
2,700.00	2,399.41	2,716.30	2,462.51	23.47	21.52	-165.48	117.92	964.40	110.75	86.23	24.52	4.517	
2,800.00	2,475.73	2,816.04	2,543.08	24.91	22.80	-166.14	123.86	1,022.90	117.85	92.27	25.58	4.608	
2,900.00	2,552.05	2,915.78	2,623.64	26.36	24.08	-166.72	129.80	1,081.39	124.96	98.32	26.64	4.690	
3,000.00	2,628.38	3,015.52	2,704.21	27.80	25.36	-167.24	135.73	1,139.88	132.09	104.38	27.72	4.766	
3,100.00	2,704.70	3,115.26	2,784.78	29.25	26.64	-167.70	141.67	1,198.37	139.23	110.43	28.79	4.836	
3,200.00	2,781.02	3,215.00	2,865.35	30.71	27.93	-168.12	147.61	1,256.87	146.37	116.50	29.87	4.900	
3,300.00	2,857.35	3,314.74	2,945.92	32.16	29.22	-168.50	153.54	1,315.36	153.52	122.56	30.96	4.959	
3,400.00	2,933.67	3,414.48	3,026.49	33.62	30.51	-168.85	159.48	1,373.85	160.68	128.63	32.05	5.014	
3,500.00	3,009.99	3,514.22	3,107.05	35.07	31.80	-169.17	165.42	1,432.34	167.84	134.71	33.14	5.065	
3,600.00	3,086.31	3,613.95	3,187.62	36.53	33.09	-169.46	171.35	1,490.84	175.01	140.78	34.23	5.112	
3,700.00	3,162.64	3,713.69	3,268.19	37.99	34.38	-169.73	177.29	1,549.33	182.18	146.85	35.33	5.157	
3,800.00	3,238.96	3,813.43	3,348.76	39.45	35.67	-169.98	183.23	1,607.82	189.36	152.93	36.43	5.198	
3,900.00	3,315.28	3,913.17	3,429.33	40.91	36.97	-170.21	189.16	1,666.31	196.54	159.01	37.53	5.237	
4,000.00	3,391.61	4,012.91	3,509.90	42.37	38.26	-170.42	195.10	1,724.81	203.72	165.09	38.63	5.273	
4,100.00	3,467.93	4,112.65	3,590.46	43.84	39.56	-170.62	201.04	1,783.30	210.90	171.16	39.74	5.307	
4,200.00	3,544.25	4,212.39	3,671.03	45.30	40.85	-170.81	206.97	1,841.79	218.09	177.24	40.85	5.339	
4,300.00	3,620.58	4,312.13	3,751.60	46.76	42.15	-170.98	212.91	1,900.28	225.28	183.32	41.95	5.370	
4,400.00	3,696.90	4,411.87	3,832.17	48.23	43.45	-171.15	218.85	1,958.78	232.47	189.41	43.06	5.398	
4,500.00	3,773.22	4,511.61	3,912.74	49.69	44.74	-171.30	224.78	2,017.27	239.66	195.49	44.18	5.425	
4,600.00	3,849.55	4,611.34	3,993.31	51.16	46.04	-171.44	230.72	2,075.76	246.86	201.57	45.29	5.451	
4,700.00	3,925.87	4,711.08	4,073.87	52.62	47.34	-171.58	236.66	2,134.25	254.05	207.65	46.40	5.475	
4,800.00	4,002.19	4,810.82	4,154.44	54.09	48.64	-171.71	242.60	2,192.75	261.25	213.73	47.52	5.498	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
4,900.00	4,078.51	4,910.56	4,235.01	55.56	49.94	-171.83	248.53	2,251.24	268.45	219.82	48.63	5.520	
5,000.00	4,154.84	5,010.30	4,315.58	57.02	51.24	-171.95	254.47	2,309.73	275.65	225.90	49.75	5.541	
5,100.00	4,231.16	5,110.04	4,396.15	58.49	52.54	-172.06	260.41	2,368.22	282.85	231.98	50.87	5.561	
5,200.00	4,307.48	5,209.78	4,476.72	59.96	53.83	-172.16	266.34	2,426.71	290.05	238.07	51.98	5.580	
5,300.00	4,383.81	5,309.52	4,557.28	61.43	55.13	-172.26	272.28	2,485.21	297.25	244.15	53.10	5.598	
5,400.00	4,460.13	5,409.26	4,637.85	62.89	56.43	-172.36	278.22	2,543.70	304.46	250.23	54.22	5.615	
5,500.00	4,536.45	5,508.99	4,718.42	64.36	57.73	-172.45	284.15	2,602.19	311.66	256.32	55.34	5.631	
5,600.00	4,612.78	5,608.73	4,798.99	65.83	59.04	-172.53	290.09	2,660.68	318.86	262.40	56.46	5.647	
5,700.00	4,689.10	5,708.47	4,879.56	67.30	60.34	-172.62	296.03	2,719.18	326.07	268.48	57.59	5.662	
5,800.00	4,765.42	5,808.21	4,960.13	68.77	61.64	-172.69	301.96	2,777.67	333.28	274.57	58.71	5.677	
5,900.00	4,841.75	5,907.95	5,040.70	70.24	62.94	-172.77	307.90	2,836.16	340.48	280.65	59.83	5.691	
6,000.00	4,918.07	6,007.69	5,121.26	71.70	64.24	-172.84	313.84	2,894.65	347.69	286.74	60.95	5.704	
6,100.00	4,994.39	6,107.43	5,201.83	73.17	65.54	-172.91	319.77	2,953.15	354.90	292.82	62.08	5.717	
6,200.00	5,070.72	6,207.17	5,282.40	74.64	66.84	-172.98	325.71	3,011.64	362.11	298.91	63.20	5.729	
6,300.00	5,147.04	6,306.91	5,362.97	76.11	68.14	-173.04	331.65	3,070.13	369.31	304.99	64.32	5.741	
6,400.00	5,223.36	6,406.65	5,443.54	77.58	69.44	-173.10	337.58	3,128.62	376.52	311.07	65.45	5.753	
6,500.00	5,299.68	6,506.38	5,524.11	79.05	70.74	-173.16	343.52	3,187.12	383.73	317.16	66.57	5.764	
6,600.00	5,376.01	6,606.12	5,604.67	80.52	72.05	-173.22	349.46	3,245.61	390.94	323.24	67.70	5.775	
6,700.00	5,452.33	6,705.86	5,685.24	81.99	73.35	-173.28	355.40	3,304.10	398.15	329.33	68.83	5.785	
6,800.00	5,528.65	6,805.60	5,765.81	83.46	74.65	-173.33	361.33	3,362.59	405.37	335.41	69.95	5.795	
6,900.00	5,604.98	6,903.30	5,844.43	84.93	75.92	-172.86	370.87	3,419.68	412.74	341.35	71.39	5.782	
7,000.00	5,681.30	6,996.57	5,917.35	86.40	77.10	-170.44	394.39	3,472.69	421.28	346.96	74.31	5.669	
7,100.00	5,757.62	7,082.03	5,980.63	87.87	78.11	-166.60	428.51	3,518.73	432.91	353.76	79.15	5.470	
7,176.71	5,816.17	7,140.77	6,021.41	89.00	78.76	-163.19	458.55	3,548.44	445.56	361.68	83.87	5.312	
7,200.00	5,833.92	7,157.57	6,032.60	89.34	78.93	-158.97	468.08	3,556.59	450.12	364.79	85.33	5.275	
7,250.00	5,871.73	7,193.08	6,055.46	90.07	79.29	-150.20	489.53	3,573.26	460.51	372.41	88.09	5.227	
7,300.00	5,908.91	7,227.94	6,076.81	90.78	79.62	-141.94	512.24	3,588.83	471.45	381.18	90.27	5.223	
7,350.00	5,945.18	7,262.22	6,096.68	91.48	79.93	-134.29	536.11	3,603.34	482.71	390.91	91.80	5.258	
7,400.00	5,980.26	7,300.00	6,117.20	92.14	80.25	-127.15	564.07	3,618.32	494.08	400.69	93.39	5.291	
7,450.00	6,013.88	7,329.37	6,132.09	92.77	80.48	-121.05	586.92	3,629.21	505.28	412.32	92.95	5.436	
7,500.00	6,045.79	7,362.37	6,147.65	93.36	80.72	-115.48	613.69	3,640.60	516.19	423.55	92.64	5.572	
7,550.00	6,075.75	7,400.00	6,163.85	93.90	80.98	-110.44	645.51	3,652.46	526.67	433.90	92.77	5.677	
7,600.00	6,103.52	7,427.44	6,174.58	94.40	81.14	-106.30	669.51	3,660.33	536.47	445.93	90.53	5.926	
7,650.00	6,128.89	7,459.61	6,185.94	94.85	81.33	-102.61	698.41	3,668.69	545.56	456.69	88.87	6.139	
7,700.00	6,151.68	7,500.00	6,198.33	95.25	81.54	-99.31	735.75	3,677.81	553.91	465.37	88.54	6.256	
7,750.00	6,171.71	7,523.36	6,204.51	95.60	81.65	-96.82	757.81	3,682.37	561.14	476.44	84.70	6.625	
7,800.00	6,188.82	7,550.00	6,210.67	95.91	81.77	-94.71	783.32	3,686.93	567.48	486.06	81.43	6.969	
7,850.00	6,202.89	7,586.55	6,217.53	96.16	81.90	-92.92	818.85	3,692.04	572.69	492.76	79.93	7.165	
7,900.00	6,213.81	7,618.00	6,221.96	96.38	82.01	-91.60	849.80	3,695.36	576.82	499.29	77.53	7.440	
7,950.00	6,221.49	7,650.00	6,225.05	96.55	82.11	-90.68	881.56	3,697.71	579.78	504.46	75.33	7.697	
8,000.00	6,225.88	7,680.72	6,226.66	96.69	82.18	-90.15	912.21	3,698.99	581.56	508.44	73.13	7.953	
8,040.96	6,227.00	7,708.67	6,227.00	96.77	82.25	-90.00	940.15	3,699.33	582.12	510.22	71.90	8.096	
8,100.00	6,227.00	7,767.72	6,227.00	96.88	82.38	-90.00	999.20	3,699.54	582.12	509.38	72.74	8.003	
8,200.00	6,227.00	7,867.72	6,227.00	97.07	82.61	-90.00	1,099.20	3,699.89	582.11	507.85	74.26	7.839	
8,300.00	6,227.00	7,967.72	6,227.00	97.28	82.85	-90.00	1,199.19	3,700.24	582.11	506.20	75.92	7.668	
8,400.00	6,227.00	8,067.72	6,227.00	97.49	83.11	-90.00	1,299.19	3,700.60	582.11	504.41	77.70	7.492	
8,500.00	6,227.00	8,167.72	6,227.00	97.72	83.40	-90.00	1,399.19	3,700.95	582.11	502.50	79.60	7.313	
8,600.00	6,227.00	8,267.72	6,227.00	97.97	83.69	-90.00	1,499.19	3,701.30	582.11	500.49	81.62	7.132	
8,700.00	6,227.00	8,367.72	6,227.00	98.23	84.01	-90.00	1,599.19	3,701.65	582.10	498.37	83.73	6.952	
8,800.00	6,227.00	8,467.72	6,227.00	98.50	84.35	-90.00	1,699.19	3,702.00	582.10	496.16	85.94	6.773	
8,900.00	6,227.00	8,567.72	6,227.00	98.79	84.71	-90.00	1,799.19	3,702.35	582.10	493.86	88.24	6.597	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-20-07 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,000.00	6,227.00	8,667.72	6,227.00	99.09	85.09	-90.00	1,899.19	3,702.71	582.10	491.49	90.61	6.424	
9,100.00	6,227.00	8,767.72	6,227.00	99.41	85.49	-90.00	1,999.19	3,703.06	582.10	489.03	93.06	6.255	
9,200.00	6,227.00	8,867.72	6,227.00	99.75	85.91	-90.00	2,099.19	3,703.41	582.09	486.51	95.58	6.090	
9,300.00	6,227.00	8,967.72	6,227.00	100.10	86.36	-90.00	2,199.19	3,703.76	582.09	483.93	98.17	5.930	
9,400.00	6,227.00	9,067.72	6,227.00	100.47	86.83	-90.00	2,299.19	3,704.11	582.09	481.28	100.81	5.774	
9,500.00	6,227.00	9,167.72	6,227.00	100.86	87.32	-90.00	2,399.19	3,704.47	582.09	478.58	103.50	5.624	
9,600.00	6,227.00	9,267.72	6,227.00	101.26	87.84	-90.00	2,499.19	3,704.82	582.09	475.84	106.25	5.478	
9,700.00	6,227.00	9,367.72	6,227.00	101.68	88.38	-90.00	2,599.19	3,705.17	582.08	473.04	109.04	5.338	
9,800.00	6,227.00	9,467.72	6,227.00	102.13	88.95	-90.00	2,699.19	3,705.52	582.08	470.21	111.88	5.203	
9,900.00	6,227.00	9,567.72	6,227.00	102.59	89.55	-90.00	2,799.19	3,705.87	582.08	467.33	114.75	5.073	
10,000.00	6,227.00	9,667.72	6,227.00	103.07	90.17	-90.00	2,899.18	3,706.22	582.08	464.42	117.66	4.947	
10,100.00	6,227.00	9,767.72	6,227.00	103.58	90.82	-90.00	2,999.18	3,706.58	582.08	461.47	120.61	4.826	
10,200.00	6,227.00	9,867.72	6,227.00	104.10	91.50	-90.00	3,099.18	3,706.93	582.07	458.49	123.58	4.710	
10,300.00	6,227.00	9,967.72	6,227.00	104.65	92.21	-90.00	3,199.18	3,707.28	582.07	455.48	126.59	4.598	
10,400.00	6,227.00	10,067.72	6,227.00	105.22	92.94	-90.00	3,299.18	3,707.63	582.07	452.45	129.62	4.490	
10,500.00	6,227.00	10,167.72	6,227.00	105.82	93.71	-90.00	3,399.18	3,707.98	582.07	449.39	132.68	4.387	
10,600.00	6,227.00	10,267.72	6,227.00	106.43	94.50	-90.00	3,499.18	3,708.34	582.07	446.30	135.76	4.287	
10,700.00	6,227.00	10,367.72	6,227.00	107.07	95.32	-90.00	3,599.18	3,708.69	582.06	443.20	138.87	4.191	
10,800.00	6,227.00	10,467.72	6,227.00	107.74	96.17	-90.00	3,699.18	3,709.04	582.06	440.07	141.99	4.099	
10,900.00	6,227.00	10,567.72	6,227.00	108.42	97.05	-90.00	3,799.18	3,709.39	582.06	436.92	145.14	4.010	
11,000.00	6,227.00	10,667.72	6,227.00	109.14	97.96	-90.00	3,899.18	3,709.74	582.06	433.76	148.30	3.925	
11,100.00	6,227.00	10,767.72	6,227.00	109.87	98.90	-90.00	3,999.18	3,710.09	582.06	430.57	151.48	3.842	
11,200.00	6,227.00	10,867.72	6,227.00	110.64	99.86	-90.00	4,099.18	3,710.45	582.05	427.38	154.68	3.763	
11,300.00	6,227.00	10,967.72	6,227.00	111.43	100.85	-90.00	4,199.18	3,710.80	582.05	424.16	157.89	3.686	
11,400.00	6,227.00	11,067.72	6,227.00	112.24	101.87	-90.00	4,299.18	3,711.15	582.05	420.94	161.11	3.613	
11,500.00	6,227.00	11,167.72	6,227.00	113.08	102.91	-90.00	4,399.18	3,711.50	582.05	417.70	164.35	3.542	
11,600.00	6,227.00	11,267.72	6,227.00	113.94	103.98	-90.00	4,499.17	3,711.85	582.05	414.44	167.60	3.473	
11,700.00	6,227.00	11,367.72	6,227.00	114.83	105.08	-90.00	4,599.17	3,712.21	582.04	411.18	170.86	3.406	
11,800.00	6,227.00	11,467.72	6,227.00	115.74	106.20	-90.00	4,699.17	3,712.56	582.04	407.91	174.14	3.342	
11,900.00	6,227.00	11,567.72	6,227.00	116.68	107.34	-90.00	4,799.17	3,712.91	582.04	404.62	177.42	3.281	
12,000.00	6,227.00	11,667.72	6,227.00	117.64	108.51	-90.00	4,899.17	3,713.26	582.04	401.32	180.71	3.221	
12,100.00	6,227.00	11,767.72	6,227.00	118.63	109.70	-90.00	4,999.17	3,713.61	582.04	398.02	184.02	3.163	
12,200.00	6,227.00	11,867.72	6,227.00	119.64	110.91	-90.00	5,099.17	3,713.96	582.03	394.70	187.33	3.107	
12,300.00	6,227.00	11,967.72	6,227.00	120.68	112.14	-90.00	5,199.17	3,714.32	582.03	391.38	190.65	3.053	
12,400.00	6,227.00	12,067.72	6,227.00	121.74	113.39	-90.00	5,299.17	3,714.67	582.03	388.05	193.98	3.000	
12,500.00	6,227.00	12,167.72	6,227.00	122.82	114.66	-90.00	5,399.17	3,715.02	582.03	384.71	197.31	2.950	
12,600.00	6,227.00	12,267.72	6,227.00	123.92	115.95	-90.00	5,499.17	3,715.37	582.03	381.37	200.66	2.901	
12,700.00	6,227.00	12,367.72	6,227.00	125.04	117.26	-90.00	5,599.17	3,715.72	582.02	378.02	204.01	2.853	
12,800.00	6,227.00	12,467.72	6,227.00	126.19	118.58	-90.00	5,699.17	3,716.08	582.02	374.66	207.36	2.807	
12,900.00	6,227.00	12,567.72	6,227.00	127.35	119.92	-90.00	5,799.17	3,716.43	582.02	371.29	210.73	2.762	
13,000.00	6,227.00	12,667.72	6,227.00	128.54	121.28	-90.00	5,899.17	3,716.78	582.02	367.92	214.10	2.718	
13,100.00	6,227.00	12,767.72	6,227.00	129.74	122.65	-90.00	5,999.17	3,717.13	582.02	364.54	217.47	2.676	
13,200.00	6,227.00	12,867.72	6,227.00	130.97	124.04	-90.00	6,099.16	3,717.48	582.01	361.16	220.85	2.635	
13,300.00	6,227.00	12,967.72	6,227.00	132.21	125.44	-90.00	6,199.16	3,717.83	582.01	357.78	224.24	2.596	
13,400.00	6,227.00	13,067.72	6,227.00	133.47	126.85	-90.00	6,299.16	3,718.19	582.01	354.38	227.63	2.557	
13,500.00	6,227.00	13,167.72	6,227.00	134.74	128.27	-90.00	6,399.16	3,718.54	582.01	350.99	231.02	2.519	
13,600.00	6,227.00	13,267.72	6,227.00	136.03	129.71	-90.00	6,499.16	3,718.89	582.01	347.59	234.42	2.483	
13,700.00	6,227.00	13,367.72	6,227.00	137.34	131.16	-90.00	6,599.16	3,719.24	582.00	344.18	237.82	2.447	
13,800.00	6,227.00	13,467.72	6,227.00	138.67	132.62	-90.00	6,699.16	3,719.59	582.00	340.77	241.23	2.413	
13,900.00	6,227.00	13,567.72	6,227.00	140.00	134.09	-90.00	6,799.16	3,719.94	582.00	337.36	244.64	2.379	
14,000.00	6,227.00	13,667.72	6,227.00	141.36	135.57	-90.00	6,899.16	3,720.30	582.00	333.94	248.06	2.346	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-20-07 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,100.00	6,227.00	13,767.72	6,227.00	142.72	137.06	-90.00	6,999.16	3,720.65	582.00	330.52	251.48	2.314	
14,200.00	6,227.00	13,867.72	6,227.00	144.10	138.56	-90.00	7,099.16	3,721.00	581.99	327.09	254.90	2.283	
14,300.00	6,227.00	13,967.72	6,227.00	145.49	140.07	-90.00	7,199.16	3,721.35	581.99	323.67	258.32	2.253	
14,400.00	6,227.00	14,067.72	6,227.00	146.90	141.58	-90.00	7,299.16	3,721.70	581.99	320.24	261.75	2.223	
14,500.00	6,227.00	14,167.72	6,227.00	148.31	143.11	-90.00	7,399.16	3,722.06	581.99	316.80	265.19	2.195	
14,600.00	6,227.00	14,267.72	6,227.00	149.74	144.64	-90.00	7,499.16	3,722.41	581.99	313.36	268.62	2.167	
14,700.00	6,227.00	14,367.72	6,227.00	151.18	146.18	-90.00	7,599.16	3,722.76	581.98	309.93	272.06	2.139	
14,800.00	6,227.00	14,467.72	6,227.00	152.62	147.73	-90.00	7,699.15	3,723.11	581.98	306.48	275.50	2.112	
14,900.00	6,227.00	14,567.72	6,227.00	154.08	149.28	-90.00	7,799.15	3,723.46	581.98	303.04	278.94	2.086	
15,000.00	6,227.00	14,667.72	6,227.00	155.55	150.84	-90.00	7,899.15	3,723.81	581.98	299.59	282.39	2.061	
15,100.00	6,227.00	14,767.72	6,227.00	157.03	152.41	-90.00	7,999.15	3,724.17	581.97	296.14	285.84	2.036	
15,200.00	6,227.00	14,867.72	6,227.00	158.51	153.98	-90.00	8,099.15	3,724.52	581.97	292.69	289.29	2.012	
15,300.00	6,227.00	14,967.72	6,227.00	160.01	155.56	-90.00	8,199.15	3,724.87	581.97	289.23	292.74	1.988	
15,400.00	6,227.00	15,067.72	6,227.00	161.51	157.14	-90.00	8,299.15	3,725.22	581.97	285.77	296.19	1.965	
15,500.00	6,227.00	15,167.72	6,227.00	163.02	158.73	-90.00	8,399.15	3,725.57	581.97	282.31	299.65	1.942	
15,600.00	6,227.00	15,267.72	6,227.00	164.54	160.32	-90.00	8,499.15	3,725.93	581.96	278.85	303.11	1.920	
15,700.00	6,227.00	15,367.72	6,227.00	166.06	161.92	-90.00	8,599.15	3,726.28	581.96	275.39	306.57	1.898	
15,800.00	6,227.00	15,467.72	6,227.00	167.59	163.53	-90.00	8,699.15	3,726.63	581.96	271.92	310.04	1.877	
15,900.00	6,227.00	15,567.72	6,227.00	169.13	165.14	-90.00	8,799.15	3,726.98	581.96	268.46	313.50	1.856	
16,000.00	6,227.00	15,667.72	6,227.00	170.68	166.75	-90.00	8,899.15	3,727.33	581.96	264.99	316.97	1.836	
16,100.00	6,227.00	15,767.72	6,227.00	172.23	168.36	-90.00	8,999.15	3,727.68	581.95	261.52	320.44	1.816	
16,200.00	6,227.00	15,867.72	6,227.00	173.78	169.99	-90.00	9,099.15	3,728.04	581.95	258.05	323.91	1.797	
16,300.00	6,227.00	15,967.72	6,227.00	175.35	171.61	-90.00	9,199.15	3,728.39	581.95	254.57	327.38	1.778	
16,400.00	6,227.00	16,067.72	6,227.00	176.92	173.24	-90.00	9,299.14	3,728.74	581.95	251.10	330.85	1.759	
16,500.00	6,227.00	16,167.72	6,227.00	178.49	174.87	-90.00	9,399.14	3,729.09	581.95	247.62	334.33	1.741	
16,600.00	6,227.00	16,267.72	6,227.00	180.07	176.51	-90.00	9,499.14	3,729.44	581.94	244.14	337.80	1.723	
16,700.00	6,227.00	16,367.72	6,227.00	181.65	178.15	-90.00	9,599.14	3,729.80	581.94	240.66	341.28	1.705	
16,800.00	6,227.00	16,467.72	6,227.00	183.24	179.79	-90.00	9,699.14	3,730.15	581.94	237.18	344.76	1.688	
16,900.00	6,227.00	16,567.72	6,227.00	184.84	181.43	-90.00	9,799.14	3,730.50	581.94	233.70	348.24	1.671	
17,000.00	6,227.00	16,667.72	6,227.00	186.43	183.08	-90.00	9,899.14	3,730.85	581.94	230.21	351.72	1.655	
17,100.00	6,227.00	16,767.72	6,227.00	188.04	184.73	-90.00	9,999.14	3,731.20	581.93	226.73	355.21	1.638	
17,200.00	6,227.00	16,867.72	6,227.00	189.64	186.39	-90.00	10,099.14	3,731.55	581.93	223.24	358.69	1.622	
17,300.00	6,227.00	16,967.72	6,227.00	191.25	188.04	-90.00	10,199.14	3,731.91	581.93	219.75	362.18	1.607	
17,400.00	6,227.00	17,067.72	6,227.00	192.87	189.70	-90.00	10,299.14	3,732.26	581.93	216.26	365.66	1.591	
17,500.00	6,227.00	17,167.72	6,227.00	194.48	191.36	-90.00	10,399.14	3,732.61	581.93	212.77	369.15	1.576	
17,600.00	6,227.00	17,267.72	6,227.00	196.11	193.03	-90.00	10,499.14	3,732.96	581.92	209.28	372.64	1.562	
17,677.76	6,227.00	17,345.47	6,227.00	197.37	194.32	-90.00	10,576.89	3,733.23	581.92	206.57	375.36	1.550 SF	

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-30-05 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	0.00	0.00	0.27	59.74	0.28	59.74				
100.00	100.00	100.00	100.00	0.27	0.27	0.27	59.74	0.28	59.74	59.21	0.54	111.107	
200.00	199.98	199.98	199.98	0.62	0.63	-86.07	59.74	0.28	59.60	58.35	1.25	47.688	
282.87	282.75	282.75	282.75	0.92	0.92	-90.00	59.74	0.28	59.46	57.61	1.84	32.230 CC	
300.00	299.84	299.84	299.84	0.99	0.99	-91.10	59.74	0.28	59.47	57.50	1.97	30.223 ES	
400.00	399.45	399.45	399.45	1.36	1.34	-99.36	59.74	0.28	60.27	57.57	2.70	22.327	
500.00	498.70	499.33	499.31	1.75	1.69	-108.75	59.98	1.98	62.91	59.47	3.44	18.285	
600.00	597.47	599.58	599.42	2.18	2.05	-117.12	60.70	7.16	67.25	63.05	4.20	16.029	
700.00	695.62	700.20	699.65	2.63	2.41	-124.27	61.92	15.84	72.97	68.00	4.97	14.686	
800.00	793.06	801.19	799.88	3.12	2.80	-130.23	63.62	28.05	79.76	74.00	5.76	13.850	
900.00	889.64	902.56	899.99	3.66	3.20	-135.11	65.83	43.82	87.37	80.80	6.57	13.304	
1,000.00	985.27	1,004.31	999.83	4.25	3.64	-139.09	68.53	63.17	95.57	88.18	7.39	12.926	
1,100.00	1,079.82	1,106.43	1,099.29	4.89	4.12	-142.35	71.73	86.10	104.21	95.97	8.24	12.646	
1,200.00	1,173.17	1,208.94	1,198.23	5.58	4.64	-145.00	75.44	112.64	113.15	104.04	9.11	12.421	
1,300.00	1,265.21	1,311.83	1,296.51	6.34	5.21	-147.17	79.65	142.79	122.32	112.31	10.01	12.224	
1,400.00	1,355.84	1,415.10	1,393.99	7.16	5.84	-148.96	84.37	176.54	131.63	120.69	10.93	12.041	
1,500.00	1,444.94	1,518.75	1,490.53	8.05	6.53	-150.42	89.59	213.89	141.02	129.13	11.89	11.861	
1,600.00	1,532.39	1,622.41	1,585.66	9.02	7.29	-151.62	95.28	254.67	150.46	137.57	12.88	11.678	
1,700.00	1,618.11	1,721.70	1,676.16	10.05	8.05	-152.90	100.94	295.12	161.71	147.80	13.91	11.629	
1,800.00	1,701.97	1,820.52	1,766.22	11.16	8.83	-154.48	106.56	335.39	176.16	161.27	14.89	11.827	
1,900.00	1,783.88	1,918.75	1,855.76	12.35	9.62	-156.21	112.15	375.41	193.90	178.04	15.85	12.232	
2,000.00	1,863.74	2,016.27	1,944.64	13.61	10.41	-157.95	117.70	415.15	214.97	198.19	16.78	12.812	
2,100.00	1,941.45	2,112.96	2,032.77	14.95	11.21	-159.64	123.21	454.54	239.42	221.73	17.69	13.536	
2,112.50	1,951.01	2,124.99	2,043.73	15.12	11.30	-159.85	123.89	459.44	242.71	224.91	17.80	13.635	
2,200.00	2,017.79	2,209.09	2,120.39	16.35	12.00	-161.30	128.68	493.71	266.04	247.45	18.59	14.312	
2,300.00	2,094.11	2,305.21	2,207.99	17.76	12.80	-162.67	134.15	532.87	292.85	273.35	19.50	15.018	
2,400.00	2,170.44	2,401.33	2,295.60	19.17	13.60	-163.82	139.62	572.04	319.80	299.38	20.42	15.659	
2,500.00	2,246.76	2,497.45	2,383.21	20.60	14.40	-164.79	145.09	611.20	346.85	325.50	21.36	16.242	
2,600.00	2,323.08	2,593.57	2,470.82	22.03	15.21	-165.62	150.57	650.37	373.98	351.69	22.30	16.774	
2,700.00	2,399.41	2,689.69	2,558.43	23.47	16.02	-166.33	156.04	689.53	401.17	377.93	23.24	17.260	
2,800.00	2,475.73	2,785.81	2,646.03	24.91	16.84	-166.96	161.51	728.69	428.41	404.22	24.20	17.706	
2,900.00	2,552.05	2,881.92	2,733.64	26.36	17.65	-167.51	166.98	767.86	455.70	430.54	25.15	18.117	
3,000.00	2,628.38	2,978.04	2,821.25	27.80	18.47	-168.00	172.45	807.02	483.02	456.90	26.12	18.495	
3,100.00	2,704.70	3,074.16	2,908.86	29.25	19.28	-168.43	177.92	846.18	510.36	483.28	27.08	18.845	
3,200.00	2,781.02	3,170.28	2,996.47	30.71	20.10	-168.82	183.40	885.35	537.73	509.68	28.05	19.169	
3,300.00	2,857.35	3,266.40	3,084.07	32.16	20.92	-169.18	188.87	924.51	565.13	536.10	29.03	19.470	
3,400.00	2,933.67	3,362.52	3,171.68	33.62	21.74	-169.50	194.34	963.68	592.54	562.54	30.00	19.750	
3,500.00	3,009.99	3,458.64	3,259.29	35.07	22.56	-169.79	199.81	1,002.84	619.96	588.98	30.98	20.012	
3,600.00	3,086.31	3,554.76	3,346.90	36.53	23.38	-170.06	205.28	1,042.00	647.40	615.44	31.96	20.256	
3,700.00	3,162.64	3,650.88	3,434.51	37.99	24.21	-170.31	210.75	1,081.17	674.86	641.91	32.94	20.485	
3,800.00	3,238.96	3,747.00	3,522.11	39.45	25.03	-170.53	216.23	1,120.33	702.32	668.39	33.93	20.700	
3,900.00	3,315.28	3,843.12	3,609.72	40.91	25.85	-170.74	221.70	1,159.49	729.79	694.88	34.92	20.902	
4,000.00	3,391.61	3,939.24	3,697.33	42.37	26.68	-170.94	227.17	1,198.66	757.27	721.37	35.90	21.092	
4,100.00	3,467.93	4,035.35	3,784.94	43.84	27.50	-171.12	232.64	1,237.82	784.76	747.87	36.89	21.272	
4,200.00	3,544.25	4,131.47	3,872.55	45.30	28.32	-171.29	238.11	1,276.99	812.26	774.37	37.88	21.441	
4,300.00	3,620.58	4,227.59	3,960.15	46.76	29.15	-171.45	243.58	1,316.15	839.76	800.88	38.88	21.601	
4,400.00	3,696.90	4,323.71	4,047.76	48.23	29.97	-171.59	249.05	1,355.31	867.26	827.40	39.87	21.753	
4,500.00	3,773.22	4,419.83	4,135.37	49.69	30.80	-171.73	254.53	1,394.48	894.78	853.91	40.86	21.897	
4,600.00	3,849.55	4,515.95	4,222.98	51.16	31.63	-171.86	260.00	1,433.64	922.29	880.44	41.86	22.034	
4,700.00	3,925.87	4,612.07	4,310.59	52.62	32.45	-171.99	265.47	1,472.80	949.81	906.96	42.85	22.164	
4,800.00	4,002.19	4,708.19	4,398.19	54.09	33.28	-172.10	270.94	1,511.97	977.34	933.49	43.85	22.288	

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-30-05 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,078.51	4,804.31	4,485.80	55.56	34.11	-172.21	276.41	1,551.13	1,004.86	960.02	44.85	22.406		
5,000.00	4,154.84	4,900.43	4,573.41	57.02	34.93	-172.31	281.88	1,590.30	1,032.40	986.55	45.85	22.519		
5,100.00	4,231.16	4,996.55	4,661.02	58.49	35.76	-172.41	287.36	1,629.46	1,059.93	1,013.09	46.84	22.627		
5,200.00	4,307.48	5,092.67	4,748.63	59.96	36.59	-172.51	292.83	1,668.62	1,087.47	1,039.62	47.84	22.729		
5,300.00	4,383.81	5,188.79	4,836.23	61.43	37.41	-172.60	298.30	1,707.79	1,115.01	1,066.16	48.84	22.828		
5,400.00	4,460.13	5,284.90	4,923.84	62.89	38.24	-172.68	303.77	1,746.95	1,142.55	1,092.70	49.84	22.922		
5,500.00	4,536.45	5,381.02	5,011.45	64.36	39.07	-172.76	309.24	1,786.11	1,170.09	1,119.24	50.85	23.012		
5,600.00	4,612.78	5,477.14	5,099.06	65.83	39.90	-172.84	314.71	1,825.28	1,197.64	1,145.79	51.85	23.099		
5,700.00	4,689.10	5,573.26	5,186.67	67.30	40.72	-172.91	320.18	1,864.44	1,225.18	1,172.33	52.85	23.182		
5,800.00	4,765.42	5,669.38	5,274.27	68.77	41.55	-172.98	325.66	1,903.61	1,252.73	1,198.88	53.85	23.262		
5,900.00	4,841.75	5,765.50	5,361.88	70.24	42.38	-173.05	331.13	1,942.77	1,280.29	1,225.43	54.86	23.339		
6,000.00	4,918.07	5,861.62	5,449.49	71.70	43.21	-173.11	336.60	1,981.93	1,307.84	1,251.98	55.86	23.413		
6,100.00	4,994.39	5,957.74	5,537.10	73.17	44.04	-173.17	342.07	2,021.10	1,335.39	1,278.53	56.86	23.484		
6,200.00	5,070.72	6,053.86	5,624.71	74.64	44.87	-173.23	347.54	2,060.26	1,362.95	1,305.08	57.87	23.553		
6,300.00	5,147.04	6,149.98	5,712.31	76.11	45.69	-173.29	353.01	2,099.42	1,390.50	1,331.63	58.87	23.619		
6,400.00	5,223.36	6,242.96	5,796.71	77.58	46.50	-173.18	362.23	2,137.19	1,418.14	1,358.21	59.93	23.664		
6,500.00	5,299.68	6,331.78	5,875.09	79.05	47.26	-172.52	384.32	2,172.41	1,446.17	1,384.95	61.22	23.624		
6,600.00	5,376.01	6,413.78	5,943.84	80.52	47.94	-171.45	416.28	2,203.45	1,475.06	1,412.36	62.70	23.525		
6,700.00	5,452.33	6,486.82	6,001.00	81.99	48.51	-170.16	453.56	2,229.35	1,505.49	1,441.18	64.31	23.411		
6,800.00	5,528.65	6,550.00	6,046.58	83.46	48.98	-168.82	492.02	2,250.11	1,538.14	1,472.23	65.91	23.336		
6,900.00	5,604.98	6,600.00	6,079.73	84.93	49.33	-167.62	526.23	2,265.27	1,573.60	1,506.32	67.28	23.388		
7,000.00	5,681.30	6,650.00	6,110.01	86.40	49.67	-166.31	563.48	2,279.18	1,612.25	1,543.52	68.73	23.458		
7,100.00	5,757.62	6,700.00	6,137.21	87.87	49.98	-164.91	603.49	2,291.75	1,654.40	1,584.15	70.24	23.552		
7,176.71	5,816.17	6,717.10	6,145.76	89.00	50.08	-164.42	617.76	2,295.72	1,689.05	1,618.50	70.54	23.944		
7,200.00	5,833.92	6,724.72	6,149.45	89.34	50.13	-160.27	624.21	2,297.43	1,699.91	1,629.19	70.71	24.039		
7,250.00	5,871.73	6,750.00	6,161.10	90.07	50.28	-151.35	645.97	2,302.86	1,723.23	1,651.84	71.39	24.139		
7,300.00	5,908.91	6,750.00	6,161.10	90.78	50.28	-143.50	645.97	2,302.86	1,746.30	1,675.45	70.85	24.649		
7,350.00	5,945.18	6,777.12	6,172.62	91.48	50.42	-135.57	669.92	2,308.26	1,768.86	1,697.47	71.39	24.777		
7,400.00	5,980.26	6,800.00	6,181.52	92.14	50.55	-128.40	690.57	2,312.45	1,790.80	1,719.15	71.65	24.994		
7,450.00	6,013.88	6,814.53	6,186.77	92.77	50.63	-122.09	703.89	2,314.94	1,811.85	1,740.42	71.43	25.366		
7,500.00	6,045.79	6,833.80	6,193.27	93.36	50.72	-116.37	721.77	2,318.03	1,831.87	1,760.54	71.33	25.682		
7,550.00	6,075.75	6,850.00	6,198.29	93.90	50.81	-111.36	736.98	2,320.43	1,850.68	1,779.68	71.00	26.066		
7,600.00	6,103.52	6,873.24	6,204.82	94.40	50.92	-106.90	759.06	2,323.58	1,868.11	1,797.20	70.91	26.344		
7,650.00	6,128.89	6,900.00	6,211.31	94.85	51.05	-103.02	784.82	2,326.75	1,884.07	1,813.16	70.91	26.569		
7,700.00	6,151.68	6,900.00	6,211.31	95.25	51.05	-99.93	784.82	2,326.75	1,898.47	1,828.82	69.65	27.258		
7,750.00	6,171.71	6,934.10	6,217.98	95.60	51.20	-97.08	818.09	2,330.08	1,910.94	1,841.09	69.85	27.356		
7,800.00	6,188.82	6,950.00	6,220.46	95.91	51.27	-94.84	833.74	2,331.36	1,921.73	1,852.51	69.22	27.763		
7,850.00	6,202.89	6,975.45	6,223.61	96.16	51.37	-93.02	858.94	2,333.03	1,930.59	1,861.62	68.97	27.991		
7,900.00	6,213.81	7,000.00	6,225.68	96.38	51.47	-91.64	883.37	2,334.21	1,937.52	1,868.85	68.67	28.215		
7,950.00	6,221.49	7,017.16	6,226.56	96.55	51.54	-90.70	900.50	2,334.79	1,942.43	1,874.36	68.07	28.535		
8,000.00	6,225.88	7,040.67	6,227.00	96.69	51.63	-90.15	924.00	2,335.23	1,945.31	1,877.56	67.75	28.714		
8,040.96	6,227.00	7,075.46	6,227.00	96.77	51.75	-90.00	958.79	2,335.60	1,945.95	1,877.85	68.10	28.573		
8,100.00	6,227.00	7,134.50	6,227.00	96.88	51.98	-90.00	1,017.83	2,336.23	1,945.53	1,876.51	69.02	28.189		
8,200.00	6,227.00	7,234.50	6,227.00	97.07	52.40	-90.00	1,117.82	2,337.29	1,944.82	1,874.15	70.67	27.519		
8,300.00	6,227.00	7,334.50	6,227.00	97.28	52.86	-90.00	1,217.81	2,338.36	1,944.11	1,871.64	72.46	26.829		
8,400.00	6,227.00	7,434.50	6,227.00	97.49	53.36	-90.00	1,317.80	2,339.42	1,943.39	1,869.01	74.38	26.128		
8,500.00	6,227.00	7,534.49	6,227.00	97.72	53.90	-90.00	1,417.79	2,340.48	1,942.68	1,866.27	76.41	25.424		
8,600.00	6,227.00	7,634.49	6,227.00	97.97	54.48	-90.00	1,517.79	2,341.55	1,941.97	1,863.41	78.55	24.722		
8,700.00	6,227.00	7,734.49	6,227.00	98.23	55.11	-90.00	1,617.78	2,342.61	1,941.25	1,860.46	80.79	24.028		
8,800.00	6,227.00	7,834.49	6,227.00	98.50	55.78	-90.00	1,717.77	2,343.67	1,940.54	1,857.42	83.12	23.347		
8,900.00	6,227.00	7,934.48	6,227.00	98.79	56.50	-90.00	1,817.76	2,344.73	1,939.83	1,854.30	85.53	22.680		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-30-05 - OWB - PROPOSAL 1													Offset Site Error: 0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error: 0.00 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	6,227.00	8,034.48	6,227.00	99.09	57.26	-90.00	1,917.75	2,345.80	1,939.11	1,851.10	88.02	22.031		
9,100.00	6,227.00	8,134.48	6,227.00	99.41	58.07	-90.00	2,017.75	2,346.86	1,938.40	1,847.82	90.58	21.401		
9,200.00	6,227.00	8,234.48	6,227.00	99.75	58.91	-90.00	2,117.74	2,347.92	1,937.69	1,844.49	93.20	20.791		
9,300.00	6,227.00	8,334.47	6,227.00	100.10	59.81	-90.00	2,217.73	2,348.99	1,936.97	1,841.09	95.88	20.202		
9,400.00	6,227.00	8,434.47	6,227.00	100.47	60.74	-90.00	2,317.72	2,350.05	1,936.26	1,837.65	98.61	19.635		
9,500.00	6,227.00	8,534.47	6,227.00	100.86	61.71	-90.00	2,417.71	2,351.11	1,935.55	1,834.15	101.40	19.088		
9,600.00	6,227.00	8,634.46	6,227.00	101.26	62.73	-90.00	2,517.70	2,352.17	1,934.83	1,830.60	104.23	18.563		
9,700.00	6,227.00	8,734.46	6,227.00	101.68	63.78	-90.00	2,617.70	2,353.24	1,934.12	1,827.02	107.10	18.058		
9,800.00	6,227.00	8,834.46	6,227.00	102.13	64.87	-90.00	2,717.69	2,354.30	1,933.41	1,823.39	110.02	17.574		
9,900.00	6,227.00	8,934.46	6,227.00	102.59	65.99	-90.00	2,817.68	2,355.36	1,932.70	1,819.73	112.96	17.109		
10,000.00	6,227.00	9,034.45	6,227.00	103.07	67.15	-90.00	2,917.67	2,356.43	1,931.98	1,816.04	115.94	16.663		
10,100.00	6,227.00	9,134.45	6,227.00	103.58	68.33	-90.00	3,017.66	2,357.49	1,931.27	1,812.31	118.96	16.235		
10,200.00	6,227.00	9,234.45	6,227.00	104.10	69.55	-90.00	3,117.65	2,358.55	1,930.56	1,808.56	122.00	15.825		
10,300.00	6,227.00	9,334.45	6,227.00	104.65	70.80	-90.00	3,217.65	2,359.61	1,929.84	1,804.78	125.06	15.431		
10,400.00	6,227.00	9,434.44	6,227.00	105.22	72.07	-90.00	3,317.64	2,360.68	1,929.13	1,800.98	128.15	15.053		
10,500.00	6,227.00	9,534.44	6,227.00	105.82	73.37	-90.00	3,417.63	2,361.74	1,928.42	1,797.15	131.27	14.691		
10,600.00	6,227.00	9,634.44	6,227.00	106.43	74.69	-90.00	3,517.62	2,362.80	1,927.70	1,793.30	134.40	14.343		
10,700.00	6,227.00	9,734.44	6,227.00	107.07	76.04	-90.00	3,617.61	2,363.87	1,926.99	1,789.43	137.56	14.009		
10,800.00	6,227.00	9,834.43	6,227.00	107.74	77.40	-90.00	3,717.61	2,364.93	1,926.28	1,785.55	140.73	13.688		
10,900.00	6,227.00	9,934.43	6,227.00	108.42	78.79	-90.00	3,817.60	2,365.99	1,925.56	1,781.64	143.92	13.379		
11,000.00	6,227.00	10,034.43	6,227.00	109.14	80.19	-90.00	3,917.59	2,367.05	1,924.85	1,777.72	147.13	13.083		
11,100.00	6,227.00	10,134.43	6,227.00	109.87	81.61	-90.00	4,017.58	2,368.12	1,924.14	1,773.79	150.35	12.798		
11,200.00	6,227.00	10,234.42	6,227.00	110.64	83.05	-90.00	4,117.57	2,369.18	1,923.42	1,769.84	153.58	12.524		
11,300.00	6,227.00	10,334.42	6,227.00	111.43	84.50	-90.00	4,217.56	2,370.24	1,922.71	1,765.88	156.83	12.260		
11,400.00	6,227.00	10,434.42	6,227.00	112.24	85.97	-90.00	4,317.56	2,371.31	1,922.00	1,761.90	160.10	12.005		
11,500.00	6,227.00	10,534.42	6,227.00	113.08	87.45	-90.00	4,417.55	2,372.37	1,921.29	1,757.92	163.37	11.760		
11,600.00	6,227.00	10,634.41	6,227.00	113.94	88.94	-90.00	4,517.54	2,373.43	1,920.57	1,753.92	166.65	11.524		
11,700.00	6,227.00	10,734.41	6,227.00	114.83	90.45	-90.00	4,617.53	2,374.49	1,919.86	1,749.91	169.95	11.297		
11,800.00	6,227.00	10,834.41	6,227.00	115.74	91.96	-90.00	4,717.52	2,375.56	1,919.15	1,745.89	173.25	11.077		
11,900.00	6,227.00	10,934.41	6,227.00	116.68	93.49	-90.00	4,817.52	2,376.62	1,918.43	1,741.87	176.57	10.865		
12,000.00	6,227.00	11,034.40	6,227.00	117.64	95.03	-90.00	4,917.51	2,377.68	1,917.72	1,737.83	179.89	10.661		
12,100.00	6,227.00	11,134.40	6,227.00	118.63	96.57	-90.00	5,017.50	2,378.75	1,917.01	1,733.79	183.22	10.463		
12,200.00	6,227.00	11,234.40	6,227.00	119.64	98.13	-90.00	5,117.49	2,379.81	1,916.29	1,729.74	186.56	10.272		
12,300.00	6,227.00	11,334.40	6,227.00	120.68	99.69	-90.00	5,217.48	2,380.87	1,915.58	1,725.68	189.90	10.087		
12,400.00	6,227.00	11,434.39	6,227.00	121.74	101.26	-90.00	5,317.47	2,381.93	1,914.87	1,721.61	193.26	9.908		
12,500.00	6,227.00	11,534.39	6,227.00	122.82	102.84	-90.00	5,417.47	2,383.00	1,914.15	1,717.54	196.62	9.735		
12,600.00	6,227.00	11,634.39	6,227.00	123.92	104.43	-90.00	5,517.46	2,384.06	1,913.44	1,713.46	199.98	9.568		
12,700.00	6,227.00	11,734.39	6,227.00	125.04	106.02	-90.00	5,617.45	2,385.12	1,912.73	1,709.37	203.35	9.406		
12,743.14	6,227.00	11,763.88	6,227.00	125.53	106.49	-90.00	5,646.95	2,385.36	1,912.54	1,708.59	203.95	9.377		
12,800.00	6,227.00	11,808.25	6,227.00	126.19	107.20	-90.00	5,691.31	2,385.18	1,912.93	1,707.84	205.08	9.327		
12,900.00	6,227.00	11,891.11	6,227.00	127.35	108.52	-90.00	5,774.17	2,384.18	1,914.40	1,707.02	207.38	9.232		
13,000.00	6,227.00	11,991.10	6,227.00	128.54	110.11	-90.00	5,874.15	2,382.98	1,915.95	1,705.18	210.77	9.090		
13,100.00	6,227.00	12,091.09	6,227.00	129.74	111.72	-90.00	5,974.13	2,381.78	1,917.50	1,703.33	214.16	8.953		
13,200.00	6,227.00	12,191.07	6,227.00	130.97	113.32	-90.00	6,074.11	2,380.59	1,919.04	1,701.48	217.57	8.821		
13,300.00	6,227.00	12,291.06	6,227.00	132.21	114.94	-90.00	6,174.09	2,379.39	1,920.59	1,699.62	220.97	8.692		
13,400.00	6,227.00	12,391.05	6,227.00	133.47	116.56	-90.00	6,274.07	2,378.19	1,922.14	1,697.76	224.38	8.566		
13,500.00	6,227.00	12,491.04	6,227.00	134.74	118.18	-90.00	6,374.05	2,376.99	1,923.69	1,695.89	227.80	8.445		
13,600.00	6,227.00	12,591.03	6,227.00	136.03	119.82	-90.00	6,474.03	2,375.79	1,925.24	1,694.02	231.22	8.327		
13,700.00	6,227.00	12,691.01	6,227.00	137.34	121.45	-90.00	6,574.01	2,374.59	1,926.79	1,692.15	234.64	8.212		
13,800.00	6,227.00	12,791.00	6,227.00	138.67	123.09	-90.00	6,673.99	2,373.39	1,928.34	1,690.27	238.06	8.100		
13,900.00	6,227.00	12,890.99	6,227.00	140.00	124.73	-90.00	6,773.97	2,372.19	1,929.89	1,688.39	241.49	7.991		

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

Civitas Resources

Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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-T5N-R63W - STATE NORTH PLATTE F-36 FED 25N-30-05 - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,000.00	6,227.00	12,990.98	6,227.00	141.36	126.38	-90.00	6,873.96	2,371.00	1,931.43	1,686.51	244.93	7.886	
14,100.00	6,227.00	13,090.97	6,227.00	142.72	128.03	-90.00	6,973.94	2,369.80	1,932.98	1,684.62	248.37	7.783	
14,200.00	6,227.00	13,190.95	6,227.00	144.10	129.69	-90.00	7,073.92	2,368.60	1,934.53	1,682.73	251.81	7.683	
14,300.00	6,227.00	13,290.94	6,227.00	145.49	131.35	-90.00	7,173.90	2,367.40	1,936.08	1,680.83	255.25	7.585	
14,400.00	6,227.00	13,390.93	6,227.00	146.90	133.01	-90.00	7,273.88	2,366.20	1,937.63	1,678.93	258.69	7.490	
14,500.00	6,227.00	13,490.92	6,227.00	148.31	134.68	-90.00	7,373.86	2,365.00	1,939.18	1,677.03	262.14	7.397	
14,600.00	6,227.00	13,590.91	6,227.00	149.74	136.35	-90.00	7,473.84	2,363.80	1,940.73	1,675.13	265.60	7.307	
14,700.00	6,227.00	13,690.89	6,227.00	151.18	138.02	-90.00	7,573.82	2,362.60	1,942.27	1,673.23	269.05	7.219	
14,800.00	6,227.00	13,790.88	6,227.00	152.62	139.69	-90.00	7,673.80	2,361.40	1,943.82	1,671.32	272.51	7.133	
14,900.00	6,227.00	13,890.87	6,227.00	154.08	141.37	-90.00	7,773.78	2,360.21	1,945.37	1,669.41	275.96	7.049	
15,000.00	6,227.00	13,990.86	6,227.00	155.55	143.05	-90.00	7,873.76	2,359.01	1,946.92	1,667.49	279.43	6.968	
15,100.00	6,227.00	14,090.85	6,227.00	157.03	144.74	-90.00	7,973.74	2,357.81	1,948.47	1,665.58	282.89	6.888	
15,200.00	6,227.00	14,190.83	6,227.00	158.51	146.42	-90.00	8,073.73	2,356.61	1,950.02	1,663.66	286.36	6.810	
15,300.00	6,227.00	14,290.82	6,227.00	160.01	148.11	-90.00	8,173.71	2,355.41	1,951.57	1,661.74	289.82	6.734	
15,400.00	6,227.00	14,390.81	6,227.00	161.51	149.80	-90.00	8,273.69	2,354.21	1,953.12	1,659.82	293.29	6.659	
15,500.00	6,227.00	14,490.80	6,227.00	163.02	151.49	-90.00	8,373.67	2,353.01	1,954.66	1,657.90	296.76	6.587	
15,600.00	6,227.00	14,590.79	6,227.00	164.54	153.19	-90.00	8,473.65	2,351.81	1,956.21	1,655.97	300.24	6.516	
15,700.00	6,227.00	14,690.77	6,227.00	166.06	154.88	-90.00	8,573.63	2,350.62	1,957.76	1,654.05	303.71	6.446	
15,800.00	6,227.00	14,790.76	6,227.00	167.59	156.58	-90.00	8,673.61	2,349.42	1,959.31	1,652.12	307.19	6.378	
15,900.00	6,227.00	14,890.75	6,227.00	169.13	158.28	-90.00	8,773.59	2,348.22	1,960.86	1,650.19	310.67	6.312	
16,000.00	6,227.00	14,990.74	6,227.00	170.68	159.99	-90.00	8,873.57	2,347.02	1,962.41	1,648.26	314.15	6.247	
16,100.00	6,227.00	15,090.73	6,227.00	172.23	161.69	-90.00	8,973.55	2,345.82	1,963.96	1,646.32	317.63	6.183	
16,200.00	6,227.00	15,190.71	6,227.00	173.78	163.40	-90.00	9,073.53	2,344.62	1,965.51	1,644.39	321.12	6.121	
16,300.00	6,227.00	15,290.70	6,227.00	175.35	165.10	-90.00	9,173.51	2,343.42	1,967.05	1,642.45	324.60	6.060	
16,400.00	6,227.00	15,390.69	6,227.00	176.92	166.81	-90.00	9,273.50	2,342.22	1,968.60	1,640.52	328.09	6.000	
16,500.00	6,227.00	15,490.68	6,227.00	178.49	168.53	-90.00	9,373.48	2,341.02	1,970.15	1,638.58	331.57	5.942	
16,600.00	6,227.00	15,590.67	6,227.00	180.07	170.24	-90.00	9,473.46	2,339.83	1,971.70	1,636.64	335.06	5.885	
16,700.00	6,227.00	15,690.65	6,227.00	181.65	171.95	-90.00	9,573.44	2,338.63	1,973.25	1,634.69	338.55	5.828	
16,800.00	6,227.00	15,790.64	6,227.00	183.24	173.67	-90.00	9,673.42	2,337.43	1,974.80	1,632.75	342.05	5.773	
16,900.00	6,227.00	15,890.63	6,227.00	184.84	175.38	-90.00	9,773.40	2,336.23	1,976.35	1,630.81	345.54	5.720	
17,000.00	6,227.00	15,990.62	6,227.00	186.43	177.10	-90.00	9,873.38	2,335.03	1,977.89	1,628.86	349.03	5.667	
17,100.00	6,227.00	16,090.61	6,227.00	188.04	178.82	-90.00	9,973.36	2,333.83	1,979.44	1,626.92	352.53	5.615	
17,200.00	6,227.00	16,190.59	6,227.00	189.64	180.54	-90.00	10,073.34	2,332.63	1,980.99	1,624.97	356.02	5.564	
17,300.00	6,227.00	16,290.58	6,227.00	191.25	182.26	-90.00	10,173.32	2,331.43	1,982.54	1,623.02	359.52	5.514	
17,400.00	6,227.00	16,390.57	6,227.00	192.87	183.99	-90.00	10,273.30	2,330.24	1,984.09	1,621.07	363.02	5.466	
17,500.00	6,227.00	16,490.56	6,227.00	194.48	185.71	-90.00	10,373.28	2,329.04	1,985.64	1,619.12	366.52	5.418	
17,600.00	6,227.00	16,590.55	6,227.00	196.11	187.43	-90.00	10,473.26	2,327.84	1,987.19	1,617.17	370.02	5.370	
17,677.76	6,227.00	16,668.29	6,227.00	197.37	188.78	-90.00	10,551.01	2,326.91	1,988.39	1,615.65	372.74	5.334 SF	

Anticollision Report

Reference Depths are relative to KB 25' @ 4569.00usft
Offset Depths are relative to Offset Datum
Central Meridian is 105.500000°W

Coordinates are relative to: STATE NORTH PLATTE F-36 FED 25N-20-08
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.72°



Civitas Resources

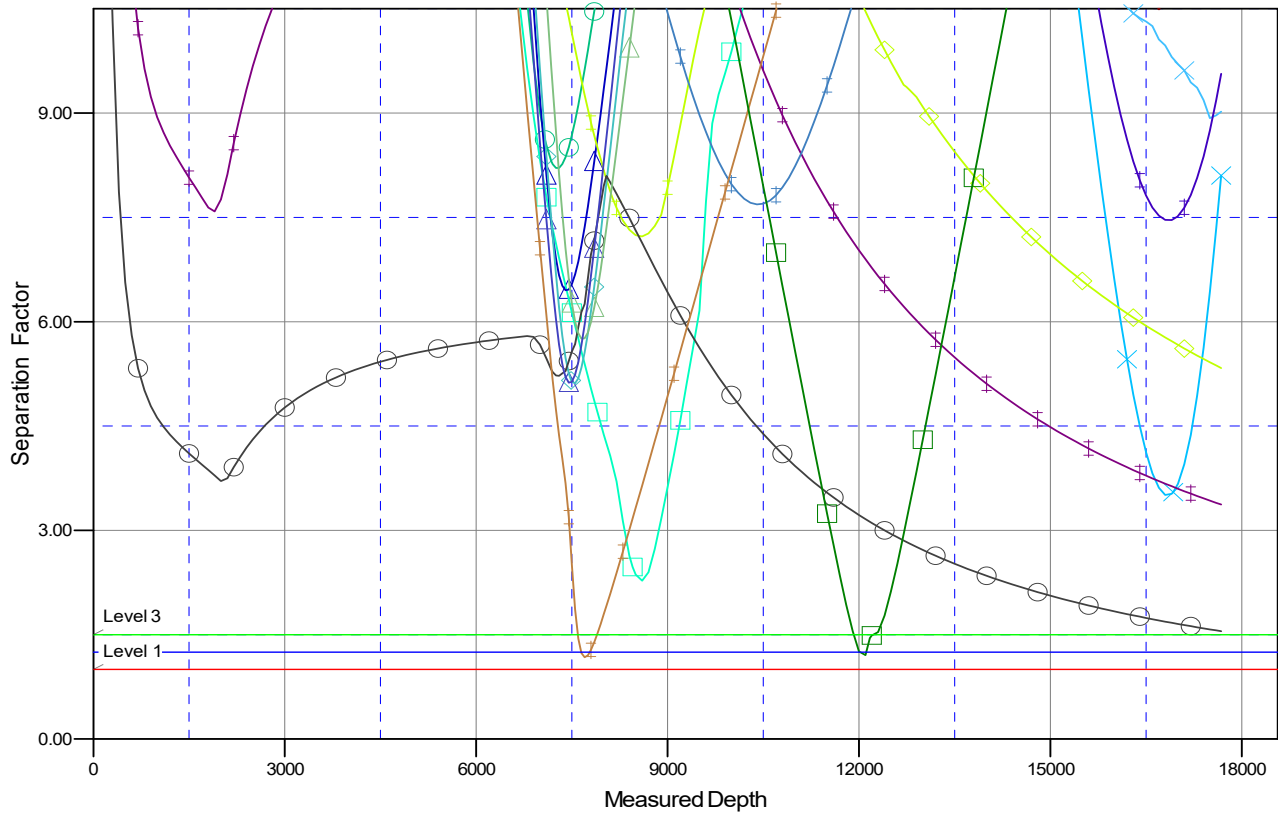
Anticollision Report

Company:	BONANZA CREEK ENERGY	Local Co-ordinate Reference:	Well STATE NORTH PLATTE F-36 FED 25N-20-08
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4569.00usft
Reference Site:	SEC 36-T5N-R63W	MD Reference:	KB 25' @ 4569.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	STATE NORTH PLATTE F-36 FED 25N-20-08	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

Reference Depths are relative to KB 25' @ 4569.00usft
 Offset Depths are relative to Offset Datum
 Central Meridian is 105.500000°W

Coordinates are relative to: STATE NORTH PLATTE F-36 FED 25N-20-08
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.72°

Separation Factor Plot



LEGEND

ABND VERT MONAHAN FARR 1, OMB, Design#1 V0	EXIST HZ STATE NORTH PLATTE 3431-36HNB, OMB, FINAL SURVEY V0	STATE NORTH PLATTE F-36 FED 25N-10-03, OMB, PROPOSAL 1V0
EXIST HZ NORTH PLATTE F-36H2, OMB, FINAL SURVEY V0	EXIST HZ STATE NORTH PLATTE 144H1-36HNC, OMB, FINAL SURVEY V0	STATE NORTH PLATTE F-36 FED 25N-10-05, OMB, PROPOSAL 1V0
EXIST HZ NORTH PLATTE E-A-24HNB, OMB, FINAL SURVEY V0	EXIST HZ STATE NORTH PLATTE F21-04-36HNC, OMB, FINAL SURVEY V0	STATE NORTH PLATTE F-36 FED 25N-10-01, OMB, PROPOSAL 1V0
EXIST HZ NORTH PLATTE OK-24HNB, STK 1 FINAL SURVEY V0	STATE NORTH PLATTE F-36 FED 25N-10-02, OMB, PROPOSAL 1V0	EXIST HZ STATE NORTH PLATTE YU-36HC, OMB, FINAL SURVEY V0
ABND VERT MONAHAN FEDERAL 24 (GYRO), OMB, GYRO V0	EXIST HZ STATE NORTH PLATTE Y44-U1-36HNC, OMB, FINAL SURVEY V0	EXIST HZ STATE NORTH PLATTE F-J-36HNB, OMB, FINAL SURVEY V0
EXIST HZ NORTH PLATTE E-A-24HNC, OMB, FINAL SURVEY V0	EXIST HZ STATE NORTH PLATTE F11-14-36HNC, OMB, FINAL SURVEY V0	EXIST HZ STATE NORTH PLATTE 11-36-1XRNB, OMB, FINAL SURVEY V0
EXIST HZ NORTH PLATTE A-24-36H2, OMB, FINAL SURVEY V0	STATE NORTH PLATTE F-36 FED 25N-20-08, OMB, PROPOSAL 1V0	EXIST HZ STATE NORTH PLATTE 11-36-1XRNC, OMB, FINAL SURVEY V0
EXIST HZ NORTH PLATTE OK-24H2, OMB, FINAL SURVEY V0	EXIST HZ STATE NORTH PLATTE K21-04-36HNB, OMB, FINAL SURVEY V0	EXIST HZ STATE NORTH PLATTE 44-1-36HNB, OMB, FINAL SURVEY V0
EXIST HZ SI 70 RANCH USX BB 25-99H2, OMB, FINAL SURVEY V0	EXIST HZ STATE NORTH PLATTE K-36-36HNC, OMB, FINAL SURVEY V0	EXIST HZ STATE NORTH PLATTE K-36-36HNB, OMB, FINAL SURVEY V0
EXIST HZ STATE NORTH PLATTE T-P-36HNB, OMB, FINAL SURVEY V0	EXIST HZ STATE NORTH PLATTE T34-P31-36HNC, OMB, FINAL SURVEY V0	EXIST HZ SI 70 RANCH USX BB 25-68HNB, OMB, FINAL SURVEY V0
STATE NORTH PLATTE F-36 FED 25N-10-04, OMB, PROPOSAL 1V0	ABND VERT 70 RANCH USX BB 25-07P, OMB, Design#1 V0	SI VERT 70 RANCH USX BB 25-04 (GYRO), OMB, GYRO SURVEY V0