

EXTRACTION OIL & GAS

Weld County

Sec 21-T5N-R65W

AD-DOUBLE CLUTCH C5-20-24

ORIGINAL WELLBORE

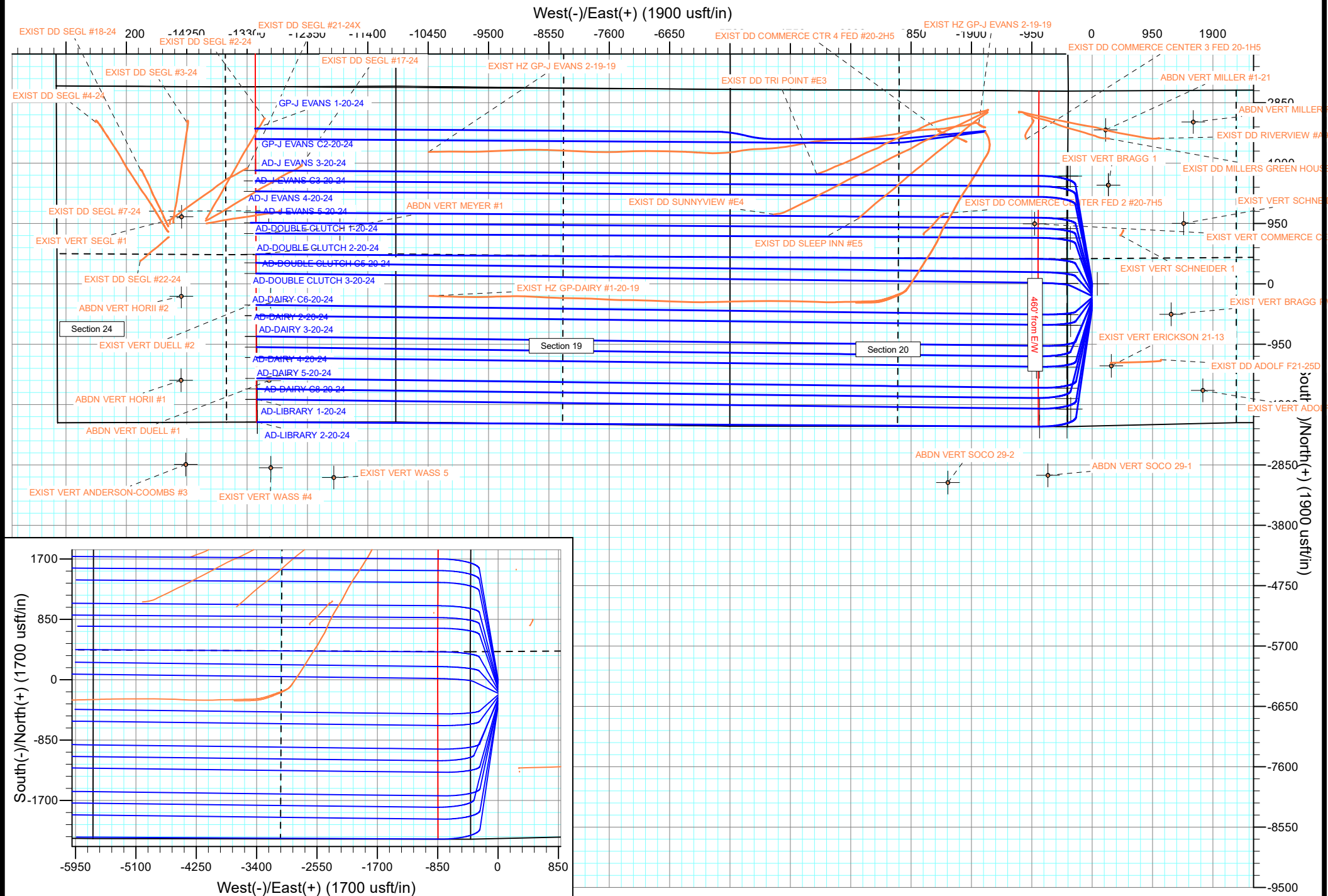
PROPOSAL #1

Anticollision Report

09 February, 2017



Project: Weld County
Site: Sec 21-T5N-R65W
Well: ARDREY SPIDER
ORIGINAL WELLBORE
PROPOSAL #1



Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well AD-DOUBLE CLUTCH C5-20-24
Project:	Weld County	TVD Reference:	KB-EST @ 4654.0usft (Original Well Elev)
Reference Site:	Sec 21-T5N-R65W	MD Reference:	KB-EST @ 4654.0usft (Original Well Elev)
Site Error:	0.0 usft	North Reference:	True
Reference Well:	AD-DOUBLE CLUTCH C5-20-24	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDT_32Bit_ODBC
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:	MD + Stations Interval 100.0usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.0 usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	2/9/2017		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	19,906.4	PROPOSAL #1 (ORIGINAL WELLBORE)	MWD OWSG Rev 2	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 20-T5N-R65W						
ABDN VERT MEYER #1 - Wellbore #1 - Design #1	18,592.2	7,355.0	552.2	90.6	1.196	Level 2, CC
ABDN VERT MEYER #1 - Wellbore #1 - Design #1	18,600.0	7,355.0	552.2	90.4	1.196	Level 2, ES, SF
EXIST DD COMMERCE CENTER 3 FED 20-1H5 - Wellb	7,808.7	7,310.2	2,089.2	2,039.5	41.981	CC, ES
EXIST DD COMMERCE CENTER 3 FED 20-1H5 - Wellb	8,900.0	7,303.1	2,357.1	2,287.0	33.660	SF
EXIST DD COMMERCE CENTER FED 2 #20-7H5 - Wel	9,093.6	7,260.6	904.7	825.5	11.430	CC
EXIST DD COMMERCE CENTER FED 2 #20-7H5 - Wel	9,100.0	7,260.7	904.7	825.4	11.406	ES
EXIST DD COMMERCE CENTER FED 2 #20-7H5 - Wel	9,300.0	7,262.9	927.9	844.6	11.136	SF
EXIST DD COMMERCE CTR 4 FED #20-2H5 - Wellbore	9,163.8	7,300.0	2,199.4	2,117.9	26.990	CC
EXIST DD COMMERCE CTR 4 FED #20-2H5 - Wellbore	9,200.0	7,300.0	2,199.7	2,117.2	26.674	ES
EXIST DD COMMERCE CTR 4 FED #20-2H5 - Wellbore	10,000.0	7,300.0	2,353.0	2,253.7	23.688	SF
EXIST DD MILLERS GREEN HOUSE #A10 - Wellbore #	6,920.7	7,126.3	2,221.3	2,165.0	39.434	CC, ES
EXIST DD MILLERS GREEN HOUSE #A10 - Wellbore #	7,500.0	7,447.2	2,337.0	2,275.6	38.060	SF
EXIST DD RIVERVIEW #A9 - Wellbore #1 - Wellbore #1	4,910.6	5,140.8	2,527.8	2,472.1	45.304	CC
EXIST DD RIVERVIEW #A9 - Wellbore #1 - Wellbore #1	5,300.0	5,580.4	2,528.8	2,468.1	41.663	ES
EXIST DD RIVERVIEW #A9 - Wellbore #1 - Wellbore #1	6,900.0	7,391.3	2,544.7	2,474.3	36.149	SF
EXIST DD SLEEP INN #E5 - Wellbore #1 - Wellbore #1	10,438.5	7,840.0	808.1	668.5	5.788	CC, ES, SF
EXIST DD SUNNYVIEW #E4 - Wellbore #1 - Wellbore #	11,762.9	8,305.8	860.4	658.3	4.258	CC, ES, SF
EXIST DD TRI POINT #E3 - Wellbore #1 - Wellbore #1	11,097.4	7,893.0	1,498.1	1,328.2	8.818	CC
EXIST DD TRI POINT #E3 - Wellbore #1 - Wellbore #1	11,100.0	7,893.0	1,498.2	1,328.2	8.815	ES
EXIST DD TRI POINT #E3 - Wellbore #1 - Wellbore #1	11,200.0	7,893.0	1,501.7	1,330.3	8.763	SF
EXIST HZ GP-DAIRY #1-20-19 - ORIGINAL WELLBORE	10,455.5	8,211.5	632.6	509.1	5.121	CC
EXIST HZ GP-DAIRY #1-20-19 - ORIGINAL WELLBORE	10,500.0	8,205.0	634.0	507.6	5.017	ES
EXIST HZ GP-DAIRY #1-20-19 - ORIGINAL WELLBORE	10,600.0	8,205.0	648.4	517.5	4.955	SF
EXIST HZ GP-DAIRY #1-20-19 - SIDETRACK - SIDETR	15,837.1	13,662.4	571.2	201.7	1.546	CC
EXIST HZ GP-DAIRY #1-20-19 - SIDETRACK - SIDETR	17,200.0	15,000.0	589.5	158.0	1.366	Level 3, ES, SF
EXIST HZ GP-J EVANS 2-19-19 - MWD SURVEYS - MW	17,210.5	13,082.0	1,797.0	1,303.0	3.637	CC, ES
EXIST HZ GP-J EVANS 2-19-19 - MWD SURVEYS - MW	17,300.0	13,082.0	1,799.2	1,303.8	3.632	SF
EXIST HZ GP-J EVANS 2-19-19 - SURFACE GYROS - S	0.0	18.6	3,123.9			
EXIST HZ GP-J EVANS 2-19-19 - SURFACE GYROS - S	13,600.0	1,163.0	8,234.8	8,164.7	117.363	SF
EXIST VERT COMMERCE CENTER #1 - Wellbore #1 - D	7,660.6	7,200.0	761.3	585.0	4.320	CC, ES
EXIST VERT COMMERCE CENTER #1 - Wellbore #1 - D	7,700.0	7,200.0	762.3	585.3	4.307	SF
GP-J EVANS 1-20-24 - ORIGINAL WELLBORE - PROPO	11,791.3	8,957.4	2,075.3	1,863.8	9.808	CC
GP-J EVANS 1-20-24 - ORIGINAL WELLBORE - PROPO	19,906.1	17,091.3	2,143.2	1,492.3	3.293	ES
GP-J EVANS 1-20-24 - ORIGINAL WELLBORE - PROPO	19,906.4	17,091.7	2,143.2	1,492.3	3.292	SF
GP-J EVANS C2-20-24 - ORIGINAL WELLBORE - PROP	19,906.1	17,260.3	1,955.7	1,299.0	2.978	CC, ES
GP-J EVANS C2-20-24 - ORIGINAL WELLBORE - PROP	19,906.4	17,260.7	1,955.7	1,299.0	2.978	SF

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

Anticollision Report

Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well AD-DOUBLE CLUTCH C5-20-24
Project:	Weld County	TVD Reference:	KB-EST @ 4654.0usft (Original Well Elev)
Reference Site:	Sec 21-T5N-R65W	MD Reference:	KB-EST @ 4654.0usft (Original Well Elev)
Site Error:	0.0 usft	North Reference:	True
Reference Well:	AD-DOUBLE CLUTCH C5-20-24	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDT_32Bit_ODBC
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
Offset Well - Wellbore - Design						
Sec 21-T5N-R65W						
ABDN VERT MILLER #1-21 - Wellbore #1 - Design #1	6,944.4	6,909.3	2,341.1	2,177.6	14.315	CC
ABDN VERT MILLER #1-21 - Wellbore #1 - Design #1	7,000.0	6,957.4	2,342.0	2,177.1	14.208	ES
ABDN VERT MILLER #1-21 - Wellbore #1 - Design #1	7,200.0	7,104.1	2,360.2	2,191.0	13.948	SF
ABDN VERT MILLER F 21-3 - Wellbore #1 - Design #1	6,762.8	6,724.9	3,053.6	2,894.3	19.168	CC
ABDN VERT MILLER F 21-3 - Wellbore #1 - Design #1	6,800.0	6,761.3	3,054.3	2,894.1	19.066	ES
ABDN VERT MILLER F 21-3 - Wellbore #1 - Design #1	7,200.0	7,108.9	3,155.9	2,986.5	18.626	SF
ABDN VERT SOCO 29-1 - Wellbore #1 - Design #1	3,920.0	3,917.0	2,928.5	2,836.7	31.885	CC
ABDN VERT SOCO 29-1 - Wellbore #1 - Design #1	4,000.0	4,003.0	2,929.1	2,835.3	31.208	ES
ABDN VERT SOCO 29-1 - Wellbore #1 - Design #1	8,400.0	7,190.0	3,348.2	3,160.1	17.802	SF
ABDN VERT SOCO 29-2 - Wellbore #1 - Design #1	8,977.2	7,197.0	3,328.2	3,123.9	16.288	CC
ABDN VERT SOCO 29-2 - Wellbore #1 - Design #1	9,100.0	7,197.0	3,330.5	3,123.3	16.076	ES
ABDN VERT SOCO 29-2 - Wellbore #1 - Design #1	9,900.0	7,197.0	3,453.8	3,230.0	15.434	SF
AD-DAIRY 2-20-24 - ORIGINAL WELLBORE - PROPOS	3,500.0	3,501.0	72.9	48.2	2.952	CC, ES
AD-DAIRY 2-20-24 - ORIGINAL WELLBORE - PROPOS	19,896.5	19,703.9	856.8	172.7	1.252	Level 3, SF
AD-DAIRY 3-20-24 - ORIGINAL WELLBORE - PROPOS	2,102.5	2,103.5	94.7	80.1	6.460	CC
AD-DAIRY 3-20-24 - ORIGINAL WELLBORE - PROPOS	2,200.0	2,199.3	95.2	79.9	6.207	ES
AD-DAIRY 3-20-24 - ORIGINAL WELLBORE - PROPOS	19,906.4	19,719.6	1,177.5	484.0	1.698	SF
AD-DAIRY 4-20-24 - ORIGINAL WELLBORE - PROPOS	700.0	701.0	142.1	137.5	30.855	CC, ES
AD-DAIRY 4-20-24 - ORIGINAL WELLBORE - PROPOS	19,906.4	19,741.5	1,504.9	807.2	2.157	SF
AD-DAIRY 5-20-24 - ORIGINAL WELLBORE - PROPOS	400.0	401.0	167.6	165.1	68.294	CC, ES
AD-DAIRY 5-20-24 - ORIGINAL WELLBORE - PROPOS	19,906.4	19,791.8	1,830.1	1,130.3	2.615	SF
AD-DAIRY C6-20-24 - ORIGINAL WELLBORE - PROPO	3,920.0	3,920.0	47.4	19.7	1.710	CC
AD-DAIRY C6-20-24 - ORIGINAL WELLBORE - PROPO	19,903.0	19,908.5	662.9	-41.9	0.941	Level 1, ES, SF
AD-DAIRY C7-20-24 - ORIGINAL WELLBORE - PROPO	1,700.0	1,701.0	120.2	108.4	10.209	CC, ES
AD-DAIRY C7-20-24 - ORIGINAL WELLBORE - PROPO	19,906.4	19,866.3	1,326.0	623.2	1.887	SF
AD-DAIRY C8-20-24 - ORIGINAL WELLBORE - PROPO	300.0	301.0	189.5	187.7	108.970	CC, ES
AD-DAIRY C8-20-24 - ORIGINAL WELLBORE - PROPO	19,906.4	19,943.7	1,985.4	1,282.8	2.826	SF
AD-DOUBLE CLUTCH 1-20-24 - ORIGINAL WELLBORE	1,700.0	1,700.0	47.4	35.6	4.023	CC
AD-DOUBLE CLUTCH 1-20-24 - ORIGINAL WELLBORE	19,906.4	19,737.6	508.1	-140.7	0.783	Level 1, ES, SF
AD-DOUBLE CLUTCH 2-20-24 - ORIGINAL WELLBORE	3,000.0	3,000.0	25.5	4.4	1.209	Level 2, CC
AD-DOUBLE CLUTCH 2-20-24 - ORIGINAL WELLBORE	19,906.4	19,710.4	249.5	-170.3	0.594	Level 1, ES, SF
AD-DOUBLE CLUTCH 3-20-24 - ORIGINAL WELLBORE	3,920.0	3,921.0	21.9	-5.8	0.789	Level 1, CC
AD-DOUBLE CLUTCH 3-20-24 - ORIGINAL WELLBORE	19,900.0	19,612.7	269.4	-193.9	0.582	Level 1, ES, SF
AD-J EVANS 3-20-24 - ORIGINAL WELLBORE - PROPO	100.0	100.0	167.6	167.3	556.606	CC, ES
AD-J EVANS 3-20-24 - ORIGINAL WELLBORE - PROPO	19,906.2	19,870.2	1,468.5	769.5	2.101	SF
AD-J EVANS 4-20-24 - ORIGINAL WELLBORE - PROPO	300.0	300.0	120.2	118.5	69.308	CC, ES
AD-J EVANS 4-20-24 - ORIGINAL WELLBORE - PROPO	19,906.4	19,812.7	1,145.0	450.2	1.648	SF
AD-J EVANS 5-20-24 - ORIGINAL WELLBORE - PROPO	400.0	400.0	98.4	95.9	40.115	CC, ES
AD-J EVANS 5-20-24 - ORIGINAL WELLBORE - PROPO	19,906.2	19,759.2	821.4	137.0	1.200	Level 2, SF
AD-J EVANS C3-20-24 - ORIGINAL WELLBORE - PROP	200.0	200.0	145.7	144.7	143.163	CC, ES
AD-J EVANS C3-20-24 - ORIGINAL WELLBORE - PROP	19,906.2	20,044.4	1,289.5	584.8	1.830	SF
AD-J EVANS C4-20-24 - ORIGINAL WELLBORE - PROP	1,100.0	1,100.0	72.9	65.4	9.753	CC
AD-J EVANS C4-20-24 - ORIGINAL WELLBORE - PROP	19,906.0	19,953.1	630.2	-74.4	0.894	Level 1, ES, SF
AD-LIBRARY 1-20-24 - ORIGINAL WELLBORE - PROP	200.0	201.0	215.0	213.9	210.399	CC, ES
AD-LIBRARY 1-20-24 - ORIGINAL WELLBORE - PROP	19,906.4	19,845.8	2,159.7	1,458.8	3.081	SF
AD-LIBRARY 2-20-24 - ORIGINAL WELLBORE - PROP	100.0	101.0	240.5	240.1	794.559	CC, ES
AD-LIBRARY 2-20-24 - ORIGINAL WELLBORE - PROP	19,906.4	19,903.3	2,515.3	1,813.7	3.585	SF
EXIST DD ADOLF F21-25D - Wellbore #1 - Wellbore #1	777.6	773.7	1,114.8	1,110.7	274.050	CC
EXIST DD ADOLF F21-25D - Wellbore #1 - Wellbore #1	900.0	887.0	1,115.3	1,110.6	234.834	ES
EXIST DD ADOLF F21-25D - Wellbore #1 - Wellbore #1	6,800.0	6,854.2	1,896.3	1,854.1	44.967	SF
EXIST VERT ADOLF F 21-14 - Wellbore #1 - Design #1	3,920.0	3,910.0	2,305.7	2,213.9	25.123	CC
EXIST VERT ADOLF F 21-14 - Wellbore #1 - Design #1	4,000.0	3,990.0	2,306.8	2,213.1	24.627	ES
EXIST VERT ADOLF F 21-14 - Wellbore #1 - Design #1	6,900.0	6,855.1	2,734.0	2,572.4	16.917	SF

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Anticollision Report

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Reference Site:	Sec 21-T5N-R65W	MD Reference:	KB-EST @ 4654.0usft (Original Well Elev)
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Reference Wellbore	ORIGINAL WELLBORE	Database:	EDT_32Bit_ODBC
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
Offset Well - Wellbore - Design						
Sec 21-T5N-R65W						
EXIST VERT BRAGG 1 - Wellbore #1 - Design #1	6,846.8	6,803.7	1,520.3	1,359.0	9.428	CC
EXIST VERT BRAGG 1 - Wellbore #1 - Design #1	6,900.0	6,846.1	1,521.3	1,358.9	9.369	ES
EXIST VERT BRAGG 1 - Wellbore #1 - Design #1	7,100.0	7,013.6	1,545.1	1,378.1	9.255	SF
EXIST VERT BRAGG PM F 21-11 - Wellbore #1 - Design	3,920.0	3,909.0	1,282.9	1,190.8	13.921	CC
EXIST VERT BRAGG PM F 21-11 - Wellbore #1 - Design	4,000.0	3,989.0	1,283.8	1,189.8	13.651	ES
EXIST VERT BRAGG PM F 21-11 - Wellbore #1 - Design	6,800.0	6,759.3	1,632.4	1,472.6	10.213	SF
EXIST VERT ERICKSON 21-13 - Wellbore #1 - Design #	3,920.0	3,909.0	1,162.4	1,070.6	12.667	CC
EXIST VERT ERICKSON 21-13 - Wellbore #1 - Design #	4,000.0	3,989.0	1,163.4	1,069.7	12.422	ES
EXIST VERT ERICKSON 21-13 - Wellbore #1 - Design #	6,850.0	6,807.3	1,540.4	1,379.7	9.588	SF
EXIST VERT SCHNEIDER 1 - Wellbore #1 - Wellbore #1	6,738.7	6,712.2	956.2	929.6	35.913	CC, ES
EXIST VERT SCHNEIDER 1 - Wellbore #1 - Wellbore #1	6,850.0	6,816.8	964.7	937.6	35.600	SF
EXIST VERT SCHNEIDER 22-21 - Wellbore #1 - Design	3,920.0	3,909.0	1,826.1	1,734.4	19.900	CC
EXIST VERT SCHNEIDER 22-21 - Wellbore #1 - Design	5,200.0	5,177.8	1,844.6	1,722.6	15.123	ES
EXIST VERT SCHNEIDER 22-21 - Wellbore #1 - Design	6,900.0	6,854.1	1,922.3	1,759.9	11.837	SF
EXIST VERT WASS 5 - Wellbore #1 - Design #1	18,642.5	7,280.0	3,363.0	2,900.8	7.276	CC
EXIST VERT WASS 5 - Wellbore #1 - Design #1	18,700.0	7,280.0	3,363.5	2,899.8	7.254	ES
EXIST VERT WASS 5 - Wellbore #1 - Design #1	19,000.0	7,280.0	3,381.9	2,912.3	7.201	SF
EXIST VERT WASS 6 - Wellbore #1 - Design #1	18,315.6	7,280.0	4,670.8	4,217.5	10.302	CC
EXIST VERT WASS 6 - Wellbore #1 - Design #1	18,400.0	7,280.0	4,671.6	4,216.1	10.255	ES
EXIST VERT WASS 6 - Wellbore #1 - Design #1	19,000.0	7,280.0	4,720.7	4,252.8	10.089	SF
SW NE SEC. 26 T5N R66W 6th P.M.						
ABDN VERT DUELL #1 - Wellbore #1 - Design #1	19,679.4	7,313.0	1,850.1	1,357.4	3.755	CC
ABDN VERT DUELL #1 - Wellbore #1 - Design #1	19,700.0	7,313.0	1,850.2	1,357.0	3.752	ES
ABDN VERT DUELL #1 - Wellbore #1 - Design #1	19,800.0	7,313.0	1,854.0	1,359.1	3.746	SF
ABDN VERT HORII #1 - Wellbore #1 - Design #1	19,906.4	7,365.0	2,192.4	1,744.5	4.895	CC, ES, SF
ABDN VERT HORII #2 - Wellbore #1 - Design #1	19,906.4	7,335.0	1,288.2	987.5	4.283	CC, ES, SF
ABDN VERT RKW #1 - Wellbore #1 - Design #1	19,714.4	7,357.0	761.7	267.7	1.542	CC, ES, SF
EXIST DD SEGL #17-24 - Wellbore #1 - Wellbore #1	19,202.8	7,624.2	1,554.0	1,188.5	4.252	CC, ES
EXIST DD SEGL #17-24 - Wellbore #1 - Wellbore #1	19,300.0	7,624.8	1,557.1	1,190.1	4.244	SF
EXIST DD SEGL #18-24 - Wellbore #1 - Wellbore #1	19,906.4	7,496.2	2,332.9	2,099.4	9.991	CC, ES, SF
EXIST DD SEGL #21-24X - Wellbore #1 - Wellbore #1	19,906.4	7,650.0	1,486.4	1,107.8	3.927	CC, ES, SF
EXIST DD SEGL #22-24 - Wellbore #1 - Wellbore #1	19,906.4	7,430.0	1,821.9	1,772.4	36.814	CC, ES, SF
EXIST DD SEGL #2-24 - Wellbore #1 - Wellbore #1	19,798.5	7,732.2	2,276.7	1,903.2	6.095	CC
EXIST DD SEGL #2-24 - Wellbore #1 - Wellbore #1	19,800.0	7,732.2	2,276.7	1,903.1	6.095	ES
EXIST DD SEGL #2-24 - Wellbore #1 - Wellbore #1	19,906.4	7,731.9	2,279.3	1,903.8	6.070	SF
EXIST DD SEGL #3-24 - Wellbore #1 - Wellbore #1	19,906.4	7,724.0	2,475.6	2,139.8	7.373	CC, ES, SF
EXIST DD SEGL #4-24 - Wellbore #1 - Wellbore #1	19,906.4	7,860.0	3,359.4	3,109.9	13.466	CC, ES, SF
EXIST DD SEGL #7-24 - Wellbore #1 - Wellbore #1	19,544.4	7,585.0	826.7	457.6	2.240	CC, ES, SF
EXIST VERT ANDERSON-COOMBS #2 - Wellbore #1 -	19,906.4	7,100.0	4,627.3	4,283.2	13.445	CC, ES, SF
EXIST VERT ANDERSON-COOMBS #3 - Wellbore #1 -	19,906.4	7,350.0	3,359.3	2,877.0	6.964	CC, ES, SF
EXIST VERT DUELL #2 - Wellbore #1 - Design #1	19,672.3	7,336.0	529.7	37.0	1.075	Level 2, CC, ES, SF
EXIST VERT SEGL #1 - Wellbore #1 - Design #1	19,906.4	7,323.0	1,379.7	1,054.3	4.240	CC, ES, SF
EXIST VERT WASS #2 - Wellbore #1 - Design #1	19,635.6	7,316.0	4,492.7	4,001.2	9.141	CC
EXIST VERT WASS #2 - Wellbore #1 - Design #1	19,700.0	7,316.0	4,493.1	4,000.0	9.112	ES
EXIST VERT WASS #2 - Wellbore #1 - Design #1	19,906.4	7,316.0	4,500.8	4,002.9	9.039	SF
EXIST VERT WASS #4 - Wellbore #1 - Design #1	19,636.1	7,312.3	3,221.2	2,729.8	6.555	CC
EXIST VERT WASS #4 - Wellbore #1 - Design #1	19,700.0	7,312.3	3,221.9	2,728.8	6.535	ES
EXIST VERT WASS #4 - Wellbore #1 - Design #1	19,906.4	7,312.3	3,232.5	2,735.3	6.501	SF

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