



Crestone Peak Resources

Sec 2 T2N-R67W

Echeverria Pad

ECHEVERRIA 2J-2H-D267

Wellbore #1

Plan #3 29Aug18 kjs

Anticollision Summary Report

29 August, 2018

Anticollision Summary Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well ECHEVERRIA 2J-2H-D267
Project:	Sec 2 T2N-R67W	TVD Reference:	WELL @ 4904.00usft (Original Well Elev)
Reference Site:	Echeverria Pad	MD Reference:	WELL @ 4904.00usft (Original Well Elev)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	ECHEVERRIA 2J-2H-D267	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.15 Single User Db
Reference Design:	Plan #3 29Aug18 kjs	Offset TVD Reference:	Offset Datum

Reference	Plan #3 29Aug18 kjs		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 9,999.98 usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date 8/29/2018	
From (usft)	To (usft)	Survey (Wellbore)
0.00	12,244.13	Plan #3 29Aug18 kjs (Wellbore #1)
		Tool Name
		MWD
		Description
		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						
Echeverria Pad						
ECHEVERRIA 2C-2H-D267 - Wellbore #1 - Design #1 23	115.99	117.99	69.87	69.47	175.626	CC
ECHEVERRIA 2C-2H-D267 - Wellbore #1 - Design #1 23	200.00	201.98	69.87	68.87	69.861	ES
ECHEVERRIA 2C-2H-D267 - Wellbore #1 - Design #1 23	12,244.13	12,357.86	2,160.39	1,994.53	13.025	SF
ECHEVERRIA 2D-2H-D267 - Wellbore #1 - Design #1 23	116.33	117.33	60.08	59.69	151.461	CC
ECHEVERRIA 2D-2H-D267 - Wellbore #1 - Design #1 23	202.40	203.38	60.08	59.07	59.276	ES
ECHEVERRIA 2D-2H-D267 - Wellbore #1 - Design #1 23	12,244.13	12,131.48	2,009.34	1,843.49	12.116	SF
ECHEVERRIA 2E-2H-D267 - Wellbore #1 - Design #1 23	200.00	201.00	50.02	49.03	50.195	CC
ECHEVERRIA 2E-2H-D267 - Wellbore #1 - Design #1 23	300.00	300.93	50.38	48.67	29.430	ES
ECHEVERRIA 2E-2H-D267 - Wellbore #1 - Design #1 23	12,244.13	12,146.91	1,665.58	1,500.94	10.117	SF
ECHEVERRIA 2F-2H-D267 - Wellbore #1 - Design #1 23	200.00	201.00	39.96	38.97	40.101	CC
ECHEVERRIA 2F-2H-D267 - Wellbore #1 - Design #1 23	300.00	301.00	40.29	38.58	23.530	ES
ECHEVERRIA 2F-2H-D267 - Wellbore #1 - Design #1 23	12,244.13	12,331.03	1,278.61	1,113.19	7.729	SF
ECHEVERRIA 2G-2H-D267 - Wellbore #1 - Design #1 23	200.00	201.00	29.90	28.91	30.006	CC
ECHEVERRIA 2G-2H-D267 - Wellbore #1 - Design #1 23	300.00	301.00	30.23	28.52	17.655	ES
ECHEVERRIA 2G-2H-D267 - Wellbore #1 - Design #1 23	12,244.13	12,207.03	992.86	826.94	5.984	SF
ECHEVERRIA 2H-2H-D267 - Wellbore #1 - Design #1 23	200.00	201.00	19.84	18.85	19.912	CC
ECHEVERRIA 2H-2H-D267 - Wellbore #1 - Design #1 23	400.00	401.57	20.57	18.14	8.478	ES
ECHEVERRIA 2H-2H-D267 - Wellbore #1 - Design #1 23	12,244.13	12,156.29	659.90	494.57	3.991	SF
ECHEVERRIA 2I-2H-D267 - Wellbore #1 - Design #1 23A	393.73	394.05	8.95	6.58	3.765	CC
ECHEVERRIA 2I-2H-D267 - Wellbore #1 - Design #1 23A	500.00	500.39	9.48	6.33	3.004	ES
ECHEVERRIA 2I-2H-D267 - Wellbore #1 - Design #1 23A	12,244.13	12,291.83	243.52	80.36	1.493	Level 3, SF
ECHEVERRIA 2K-2H-D267 - Wellbore #1 - Design #1 23	200.00	200.00	10.06	9.07	10.131	CC
ECHEVERRIA 2K-2H-D267 - Wellbore #1 - Design #1 23	300.00	299.78	10.54	8.83	6.177	ES
ECHEVERRIA 2K-2H-D267 - Wellbore #1 - Design #1 23	12,244.13	12,404.74	325.00	167.03	2.057	SF
ECHEVERRIA 2L-2H-D267 - Wellbore #1 - Design #1 23	200.00	200.00	20.12	19.13	20.263	CC, ES
ECHEVERRIA 2L-2H-D267 - Wellbore #1 - Design #1 23	12,244.13	12,540.53	491.21	343.75	3.331	SF

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Reference Site:	Echeverria Pad	MD Reference:	WELL @ 4904.00usft (Original Well Elev)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	ECHEVERRIA 2J-2H-D267	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.15 Single User Db
Reference Design:	Plan #3 29Aug18 kjs	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						
Existing Wells (Echeverria)						
BARCLAY 28C-11HZ - KMG - MWD	12,244.13	17,339.00	1,162.45	1,022.33	8.296	CC, ES, SF
BBKB 15N-35HZ - KMG - MWD	6,987.04	12,400.00	1,597.51	1,478.29	13.399	CC
BBKB 15N-35HZ - KMG - MWD	7,000.00	12,400.00	1,597.59	1,478.14	13.374	ES
BBKB 15N-35HZ - KMG - MWD	7,100.00	12,400.00	1,603.53	1,482.66	13.268	SF
BBKB 16N-35HZ - KMG - MWD	7,095.62	12,431.00	916.31	804.36	8.185	CC
BBKB 16N-35HZ - KMG - MWD	7,100.00	12,431.00	916.32	804.26	8.177	ES
BBKB 16N-35HZ - KMG - MWD	7,200.00	12,431.00	925.55	811.71	8.130	SF
BBKB 16N-A35HZ - KMG - MWD	7,142.09	12,450.00	770.38	669.66	7.649	CC, ES
BBKB 16N-A35HZ - KMG - MWD	7,200.00	12,450.00	773.98	671.90	7.582	SF
BBKB 25E-3HZ - KMG - MWD	7,090.15	12,763.06	1,821.99	1,702.48	15.246	CC
BBKB 25E-3HZ - KMG - MWD	7,100.00	12,763.06	1,822.03	1,702.37	15.227	ES
BBKB 25E-3HZ - KMG - MWD	7,200.00	12,763.06	1,827.23	1,706.31	15.110	SF
BBKB 36E-35HZ - KMG - MWD	6,898.90	12,687.00	2,158.99	2,037.25	17.735	CC
BBKB 36E-35HZ - KMG - MWD	6,900.00	12,687.00	2,158.99	2,037.24	17.733	ES
BBKB 36E-35HZ - KMG - MWD	7,100.00	12,687.00	2,172.40	2,048.34	17.512	SF
BBKB 36N-35HZ - KMG - MWD	6,973.53	12,677.00	1,952.62	1,831.33	16.099	CC
BBKB 36N-35HZ - KMG - MWD	7,000.00	12,677.00	1,952.89	1,831.20	16.048	ES
BBKB 36N-35HZ - KMG - MWD	7,100.00	12,677.00	1,958.88	1,835.97	15.937	SF
BBKB 37C-35HZ - KMG - MWD	7,173.92	12,762.00	1,170.03	1,058.56	10.496	CC, ES
BBKB 37C-35HZ - KMG - MWD	7,300.00	12,762.00	1,181.62	1,068.48	10.444	SF
BBKB 37N-35HZ - KMG - MWD	7,080.13	12,575.00	1,354.15	1,235.68	11.431	CC
BBKB 37N-35HZ - KMG - MWD	7,100.00	12,575.00	1,354.38	1,235.54	11.397	ES
BBKB 37N-35HZ - KMG - MWD	7,200.00	12,575.00	1,362.42	1,242.21	11.334	SF
BBKB 38C-35HZ - KMG - MWD	7,254.81	12,652.00	730.63	647.47	8.786	CC, ES
BBKB 38C-35HZ - KMG - MWD	7,300.00	12,652.00	733.16	649.04	8.715	SF
BBKB 38N-35HZ - KMG - MWD	7,212.00	12,437.00	513.18	451.97	8.384	CC, ES, SF
BUTTERBALL 40C-34HZ - KMG - MWD	7,100.00	13,194.53	2,297.13	2,158.26	16.542	SF
BUTTERBALL 40C-34HZ - KMG - MWD	7,200.00	13,142.48	2,295.11	2,156.40	16.546	ES
BUTTERBALL 40C-34HZ - KMG - MWD	7,211.58	13,136.24	2,295.09	2,156.42	16.550	CC
BUTTERBALL 40N-34HZ - KMG - MWD	6,937.53	13,065.00	2,384.92	2,243.51	16.866	CC, ES
BUTTERBALL 40N-34HZ - KMG - MWD	7,000.00	13,045.54	2,385.69	2,244.10	16.849	SF
BUTTERBALL 9N-34HZ - KMG - MWD	6,922.02	13,064.00	2,845.29	2,705.41	20.340	CC, ES
BUTTERBALL 9N-34HZ - KMG - MWD	7,000.00	13,055.29	2,846.37	2,706.01	20.279	SF
ECHEVERRIA 0-2-2 - CPR - MWD	2,474.45	2,528.75	494.16	467.22	18.344	CC
ECHEVERRIA 0-2-2 - CPR - MWD	2,500.00	2,547.66	494.43	467.17	18.132	ES
ECHEVERRIA 0-2-2 - CPR - MWD	2,700.00	2,714.14	513.10	483.66	17.426	SF
ECHEVERRIA 1 - CPR - No Survey	11,656.51	7,155.00	1,096.64	1,010.73	12.765	CC, ES, SF
ECHEVERRIA 11-2 - CPR - Gyro	1,114.47	1,076.58	450.06	442.14	56.819	CC
ECHEVERRIA 11-2 - CPR - Gyro	1,200.00	1,157.92	450.78	442.11	51.951	ES
ECHEVERRIA 11-2 - CPR - Gyro	2,800.00	2,689.19	669.55	648.04	31.132	SF
ECHEVERRIA 1-2 - CPR - Gyro	259.23	217.77	708.70	707.41	546.726	CC
ECHEVERRIA 1-2 - CPR - Gyro	400.00	355.84	709.18	706.90	311.136	ES
ECHEVERRIA 1-2 - CPR - Gyro	8,900.00	7,100.00	1,133.01	1,073.89	19.164	SF
ECHEVERRIA 12-2 - CPR - Gyro	215.69	193.27	1,333.41	1,332.34	1,249.010	CC
ECHEVERRIA 12-2 - CPR - Gyro	300.00	278.58	1,333.50	1,331.84	800.857	ES
ECHEVERRIA 12-2 - CPR - Gyro	9,800.00	7,135.30	1,625.59	1,557.30	23.804	SF
ECHEVERRIA 13-2 - CPR - Gyro	10,489.21	7,135.96	1,674.12	1,594.32	20.978	CC
ECHEVERRIA 13-2 - CPR - Gyro	10,500.00	7,135.95	1,674.15	1,594.27	20.958	ES
ECHEVERRIA 13-2 - CPR - Gyro	10,700.00	7,135.87	1,685.06	1,604.05	20.802	SF
ECHEVERRIA 14-2 - CPR - Gyro	12,244.13	7,166.99	1,745.85	1,637.99	16.186	CC, ES, SF
ECHEVERRIA 2-0-2 - CPR - Gyro	3,995.82	3,836.00	199.63	163.97	5.598	CC
ECHEVERRIA 2-0-2 - CPR - Gyro	4,100.00	3,939.44	200.25	163.76	5.488	ES
ECHEVERRIA 2-0-2 - CPR - Gyro	4,200.00	4,038.07	202.55	165.41	5.453	SF

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

Anticollision Summary Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well ECHEVERRIA 2J-2H-D267
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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						
Existing Wells (Echeverria)						
ECHEVERRIA 21-2 - CPR - Gyro	8,204.54	7,118.60	267.26	212.20	4.854	CC, ES, SF
ECHEVERRIA 22-2 - CPR - Gyro	9,419.98	7,118.25	103.85	38.71	1.594	CC, ES, SF
ECHEVERRIA 23-2 - CPR - Gyro	10,505.32	7,120.93	2.95	-76.99	0.037	Level 1, CC, ES, SF
ECHEVERRIA 24-2 - CPR - Gyro	12,244.13	7,135.33	35.28	-56.78	0.383	Level 1, CC, ES, SF
ECHEVERRIA 2-8-2 - CPR - MWD	12,244.13	7,249.43	937.32	830.15	8.746	CC, ES, SF
ECHEVERRIA 2A-2H - CPR - MWD	3,345.17	3,227.63	18.97	-9.33	0.670	Level 1, CC, ES, SF
ECHEVERRIA 2B-2H - CPR - MWD	4,593.08	4,425.72	148.01	107.14	3.622	CC
ECHEVERRIA 2B-2H - CPR - MWD	4,600.00	4,432.49	148.01	107.10	3.618	ES
ECHEVERRIA 2B-2H - CPR - MWD	12,240.58	11,879.00	453.78	301.45	2.979	SF
ECHEVERRIA 4-2-2 - CPR - MWD	8,731.35	7,218.72	422.26	362.01	7.008	CC, ES
ECHEVERRIA 4-2-2 - CPR - MWD	8,800.00	7,217.68	427.80	365.71	6.890	SF
ECHEVERRIA 4-4-2 - CPR - MWD	10,169.64	7,137.01	403.20	328.47	5.395	CC
ECHEVERRIA 4-4-2 - CPR - MWD	10,200.00	7,137.01	404.35	328.37	5.322	ES, SF
ECHEVERRIA C-2-320-W - CPR - MWD	10,000.00	7,272.70	873.89	799.34	11.722	SF
ECHEVERRIA C-2-320-W - CPR - MWD	10,057.00	7,273.08	872.03	797.66	11.725	CC, ES
ENDERSON 3-11 - KMG - Gyro	12,244.13	7,149.20	882.61	817.58	13.573	CC, ES, SF
GORDON RED V 10-1 - KMG - Gyro	12,244.13	7,253.34	2,867.07	2,758.03	26.294	CC, ES, SF
HSR-ENDERSON 4-11A - KMG - Gyro	12,244.13	7,190.48	1,892.12	1,784.79	17.629	CC, ES, SF
HSR-WITTEMEYER 7-2A - KMG - Gyro	9,453.48	7,114.99	888.64	823.03	13.543	CC, ES
HSR-WITTEMEYER 7-2A - KMG - Gyro	9,700.00	7,113.08	922.20	851.42	13.029	SF
KIYOTA 4A-35H-O367 - CPR - MWD	7,100.00	6,927.52	632.39	574.35	10.896	SF
KIYOTA 4A-35H-O367 - CPR - MWD	7,259.16	6,985.39	611.33	556.23	11.094	CC, ES
KIYOTA 4B-35H-O367 - CPR - MWD	7,200.00	6,987.94	780.56	723.31	13.635	SF
KIYOTA 4B-35H-O367 - CPR - MWD	7,351.10	7,038.00	763.13	708.02	13.846	CC, ES
KIYOTA 4C-35H-O367 - CPR - MWD	7,200.00	7,037.00	864.04	809.32	15.792	SF
KIYOTA 4C-35H-O367 - CPR - MWD	7,277.58	7,037.00	859.31	805.08	15.844	CC, ES
KIYOTA 4D-35H-O367 - CPR - MWD	7,300.00	7,080.00	956.05	901.39	17.492	SF
KIYOTA 4D-35H-O367 - CPR - MWD	7,346.20	7,080.00	954.48	900.11	17.553	CC, ES
MATSUSHIMA 35-13L - KMG - Gyro	4,563.56	4,371.79	1,085.47	1,045.58	27.212	CC
MATSUSHIMA 35-13L - KMG - Gyro	4,700.00	4,500.00	1,086.42	1,045.29	26.416	ES
MATSUSHIMA 35-13L - KMG - Gyro	6,600.00	6,296.29	1,258.36	1,202.21	22.411	SF
PANCOST 10-2 - KMG - MWD	10,600.00	7,248.33	986.90	902.22	11.655	CC, ES
PANCOST 10-2 - KMG - MWD	10,800.00	7,249.27	1,010.42	920.34	11.218	SF
PANCOST 23-2 - KMG - MWD	11,426.85	7,259.43	473.99	378.74	4.976	CC, ES
PANCOST 23-2 - KMG - MWD	11,500.00	7,259.29	479.61	381.59	4.893	SF
PANCOST 36-2 - KMG - MWD	12,244.13	7,404.81	736.17	638.93	7.570	CC, ES, SF
PENNINGTON 28N-2HZ - KMG - MWD	12,244.13	7,502.00	658.59	549.98	6.064	CC, ES, SF
PENNINGTON 28N-2HZX - KMG - MWD	8,000.00	11,763.00	659.42	547.25	5.879	SF
PENNINGTON 28N-2HZX - KMG - MWD	10,543.38	9,231.88	627.36	529.13	6.387	CC
PENNINGTON 28N-2HZX - KMG - MWD	10,600.00	9,175.69	627.44	529.11	6.381	ES
RICHARDSON V 3-16 - KMG - Gyro	12,106.94	7,126.50	2,826.00	2,720.95	26.901	CC, ES
RICHARDSON V 3-16 - KMG - Gyro	12,244.13	7,125.78	2,829.33	2,722.89	26.582	SF
RICHARDSON V 3-1JI - KMG - Gyro	300.00	320.08	1,401.07	1,399.25	773.262	CC, ES
RICHARDSON V 3-1JI - KMG - Gyro	8,300.00	7,168.36	2,894.59	2,838.71	51.801	SF
RICHARDSON V 3-2 - KMG - No Survey	200.00	208.00	2,744.56	2,743.69	3,159.089	CC
RICHARDSON V 3-2 - KMG - No Survey	300.00	308.00	2,744.87	2,743.47	1,953.685	ES
RICHARDSON V 3-2 - KMG - No Survey	10,700.00	7,178.00	4,944.15	4,885.35	84.080	SF
RICHARDSON V 3-8 - KMG - Gyro	0.00	0.00	1,538.80			
RICHARDSON V 3-8 - KMG - Gyro	300.00	294.49	1,539.64	1,537.93	901.211	ES
RICHARDSON V 3-8 - KMG - Gyro	10,000.00	7,199.48	2,686.35	2,616.95	38.706	SF
RICHARDSON V 3-9 - KMG - Gyro	10,792.17	7,252.26	2,752.21	2,667.41	32.456	CC
RICHARDSON V 3-9 - KMG - Gyro	10,800.00	7,252.12	2,752.22	2,667.34	32.427	ES
RICHARDSON V 3-9 - KMG - Gyro	11,400.00	7,241.78	2,818.52	2,728.81	31.420	SF

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

Anticollision Summary Report

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Project:	Sec 2 T2N-R67W	TVD Reference:	WELL @ 4904.00usft (Original Well Elev)
Reference Site:	Echeverria Pad	MD Reference:	WELL @ 4904.00usft (Original Well Elev)
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Well Error:	0.00 usft	Output errors are at	2.00 sigma
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Reference Design:	Plan #3 29Aug18 kjs	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						
Existing Wells (Echeverria)						
ROLLIE J VINCENT 1 - Kauffman - Gyro	9,330.49	7,125.00	861.46	797.65	13.500	CC, ES
ROLLIE J VINCENT 1 - Kauffman - Gyro	9,500.00	7,125.00	877.98	810.61	13.034	SF
VOLLMAR 28N-11HZ - KMG - MWD	12,244.13	12,881.00	555.34	474.10	6.836	CC, ES, SF
VOLLMAR 29C-11HZ - KMG - MWD	12,244.13	13,082.00	1,100.50	914.99	5.932	CC, ES, SF
VOLLMAR 3N-11HZ - KMG - MWD	12,244.13	12,934.00	798.69	631.74	4.784	CC, ES, SF
VOLLMAR 4N-11HZ - KMG - MWD	12,244.13	13,131.00	1,532.16	1,332.26	7.665	CC, ES, SF
VYNCKIER 15-2A7952 - KMG - Gyro	12,076.96	7,131.05	962.50	857.81	9.194	CC
VYNCKIER 15-2A7952 - KMG - Gyro	12,100.00	7,131.47	962.78	857.35	9.131	ES
VYNCKIER 15-2A7952 - KMG - Gyro	12,244.13	7,134.04	976.91	867.73	8.948	SF
WITTEMEYER HSR 2-2 - KMG - Gyro	8,000.00	7,112.77	829.18	774.25	15.094	SF
WITTEMEYER HSR 2-2 - KMG - Gyro	8,055.08	7,112.27	827.35	772.60	15.113	CC, ES

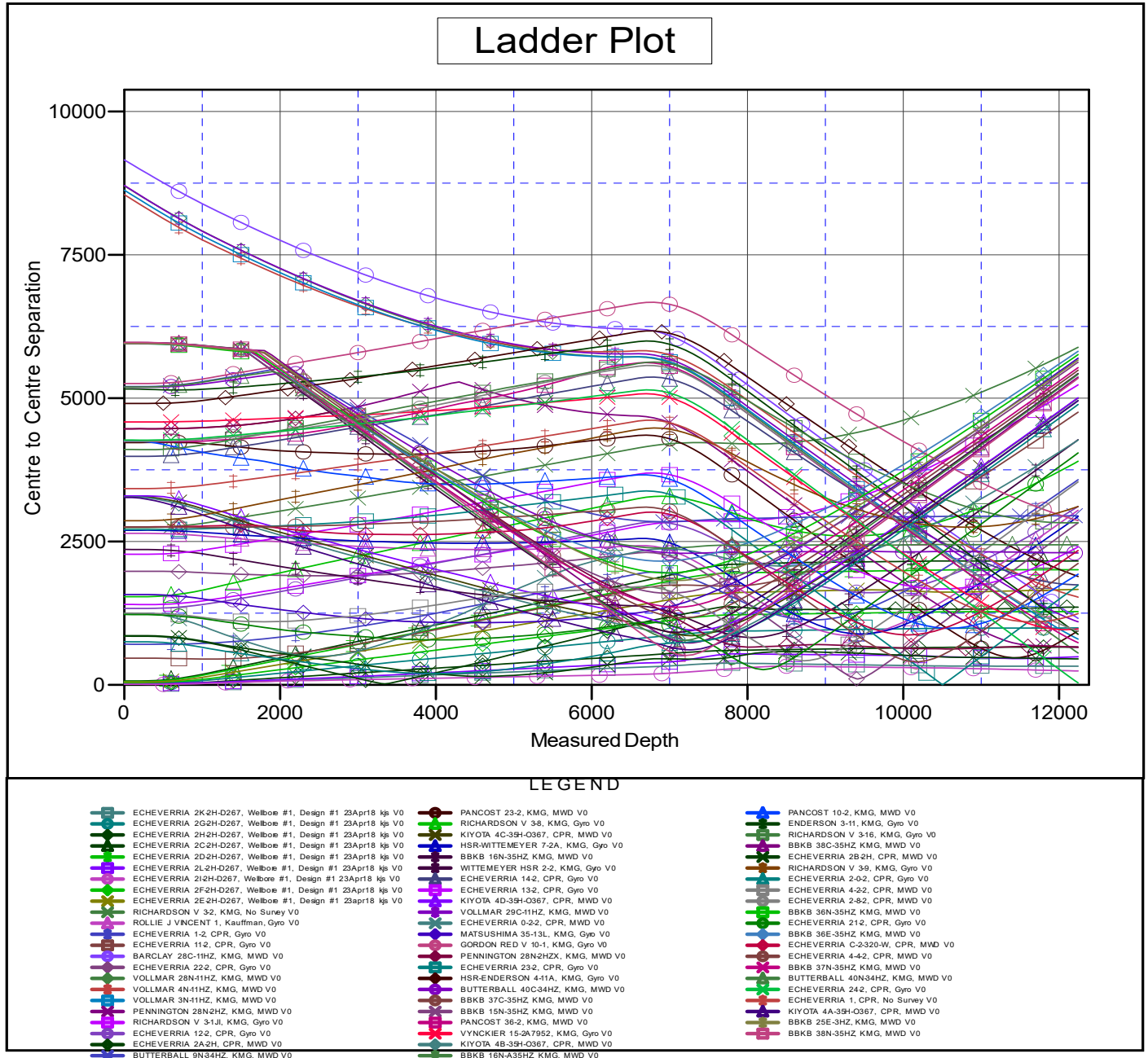
Anticollision Summary Report

Company: Crestone Peak Resources
Project: Sec 2 T2N-R67W
Reference Site: Echeverria Pad
Site Error: 0.00 usft
Reference Well: ECHEVERRIA 2J-2H-D267
Well Error: 0.00 usft
Reference Wellbore: Wellbore #1
Reference Design: Plan #3 29Aug18 kjs

Local Co-ordinate Reference: Well ECHEVERRIA 2J-2H-D267
TVD Reference: WELL @ 4904.00usft (Original Well Elev)
MD Reference: WELL @ 4904.00usft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: EDM 5000.15 Single User Db
Offset TVD Reference: Offset Datum

Reference Depths are relative to WELL @ 4904.00usft (Original Well E
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000

Coordinates are relative to: ECHEVERRIA 2J-2H-D267
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.41°



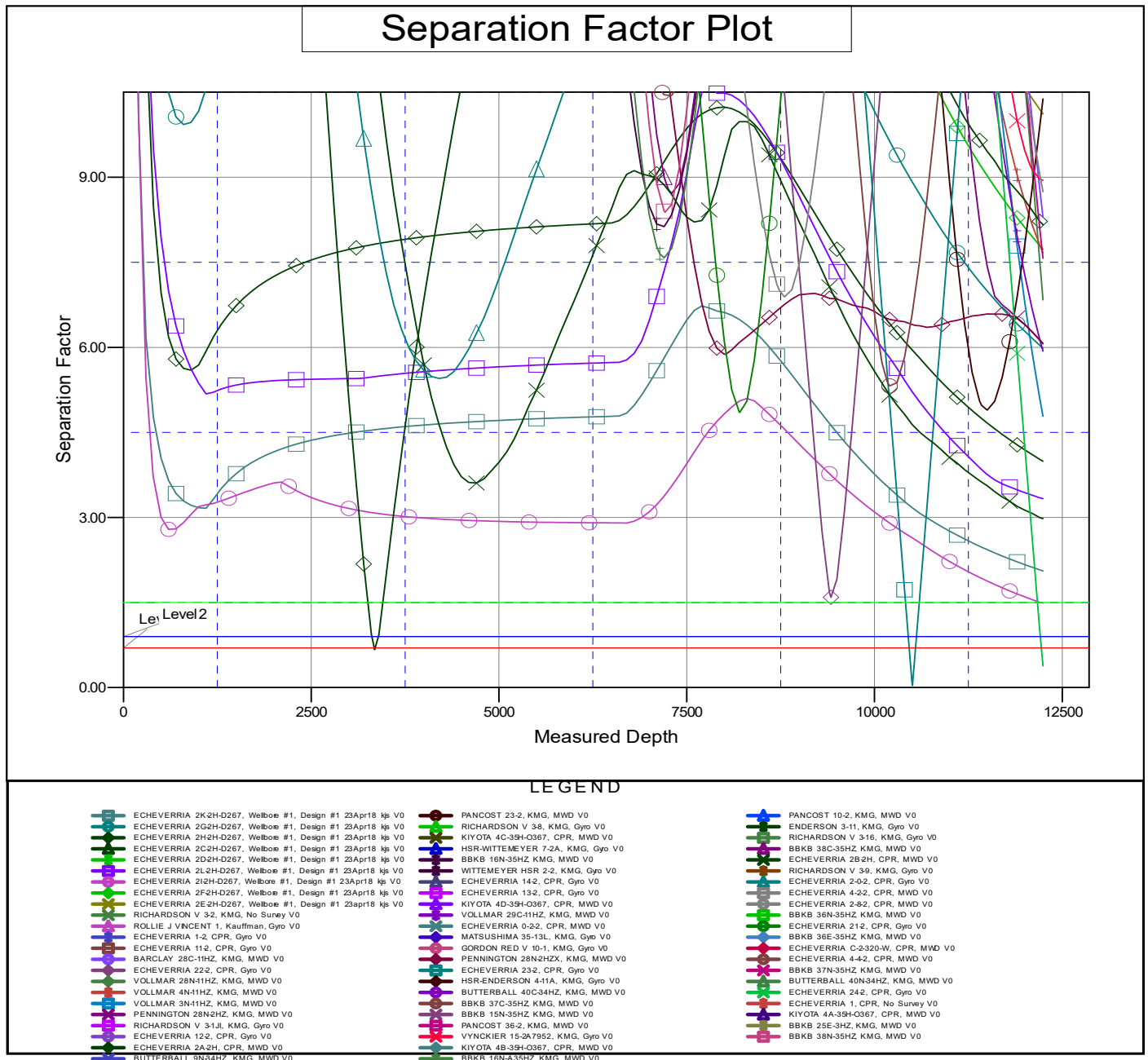
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Summary Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well ECHEVERRIA 2J-2H-D267
Project:	Sec 2 T2N-R67W	TVD Reference:	WELL @ 4904.00usft (Original Well Elev)
Reference Site:	Echeverria Pad	MD Reference:	WELL @ 4904.00usft (Original Well Elev)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	ECHEVERRIA 2J-2H-D267	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.15 Single User Db
Reference Design:	Plan #3 29Aug18 kjs	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4904.00usft (Original Well E
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: ECHEVERRIA 2J-2H-D267
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.41°



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