

VERDAD RESOURCES

WATTENBERG FIELD

1N-65W-31 COUNTY LINE 3108 PAD

COUNTY LINE 3108-13H

Wellbore #1

Design #1

Anticollision Summary Report

10 September, 2021

Anticollision Summary Report

Company:	VERDAD RESOURCES	Local Co-ordinate Reference:	Well COUNTY LINE 3108-13H
Project:	WATTENBERG FIELD	TVD Reference:	RKB = 24' @ 5067.00usft (RIG)
Reference Site:	1N-65W-31 COUNTY LINE 3108 PAD	MD Reference:	RKB = 24' @ 5067.00usft (RIG)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	COUNTY LINE 3108-13H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference	Design #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:	Maximum centre distance of 1,500.00usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.45 Sigma	Casing Method:	Added to Error Values

Survey Tool Program	Date	9/10/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	2,296.00	Design #1 (Wellbore #1)	ISCWSA MWD	Fixed:v2:standard declination
2,296.00	17,352.62	Design #1 (Wellbore #1)	ISCWSA MWD	Fixed:v2:standard declination

Summary						
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
1N-65W-31 COUNTY LINE 3107 PAD						
COUNTY LINE 3107-05H - Wellbore #1 - Design #3	200.50	197.50	119.99	112.43	15.858	CC
COUNTY LINE 3107-05H - Wellbore #1 - Design #3	300.00	296.98	120.01	112.35	15.684	ES
COUNTY LINE 3107-05H - Wellbore #1 - Design #3	411.50	407.98	120.26	112.46	15.419	SF
COUNTY LINE 3107-06H - Wellbore #1 - Design #3	200.50	198.50	105.00	97.44	13.877	CC
COUNTY LINE 3107-06H - Wellbore #1 - Design #3	300.00	297.98	105.02	97.37	13.725	ES
COUNTY LINE 3107-06H - Wellbore #1 - Design #3	411.50	409.31	105.30	97.49	13.498	SF
COUNTY LINE 3107-07H - Wellbore #1 - Design #3	200.50	198.50	89.99	82.42	11.892	CC
COUNTY LINE 3107-07H - Wellbore #1 - Design #3	300.00	297.98	90.01	82.35	11.763	ES
COUNTY LINE 3107-07H - Wellbore #1 - Design #3	411.50	409.31	90.32	82.52	11.579	SF
COUNTY LINE 3107-08H - Wellbore #1 - Design #3	200.50	199.50	75.00	67.43	9.911	CC
COUNTY LINE 3107-08H - Wellbore #1 - Design #3	300.00	298.98	75.02	67.37	9.804	ES
COUNTY LINE 3107-08H - Wellbore #1 - Design #3	411.50	410.31	75.40	67.60	9.665	SF
COUNTY LINE 3107-09H - Wellbore #1 - Design #3	200.50	199.50	60.01	52.45	7.931	CC
COUNTY LINE 3107-09H - Wellbore #1 - Design #3	300.00	298.98	60.04	52.39	7.846	ES
COUNTY LINE 3107-09H - Wellbore #1 - Design #3	411.50	410.31	60.52	52.71	7.757	SF
COUNTY LINE 3107-10H - VERDAD Drilled-Surface We	100.00	73.98	45.01	37.49	5.981	CC, ES
COUNTY LINE 3107-10H - VERDAD Drilled-Surface We	300.00	273.91	45.36	37.75	5.958	SF
COUNTY LINE 3107-10H - VERDAD Drilled-Surface We	100.00	73.98	45.01	37.49	5.981	CC, ES
COUNTY LINE 3107-10H - VERDAD Drilled-Surface We	300.00	273.91	45.36	37.75	5.958	SF
COUNTY LINE 3107-11H - VERDAD Drilled-Surface Wel	100.00	73.99	30.02	22.49	3.989	CC
COUNTY LINE 3107-11H - VERDAD Drilled-Surface Wel	353.90	328.07	30.12	22.45	3.928	ES
COUNTY LINE 3107-11H - VERDAD Drilled-Surface Wel	400.50	374.65	30.31	22.58	3.924	SF
COUNTY LINE 3107-11H - VERDAD Drilled-Surface Wel	100.00	73.99	30.02	22.49	3.989	CC
COUNTY LINE 3107-11H - VERDAD Drilled-Surface Wel	353.90	328.07	30.12	22.45	3.928	ES
COUNTY LINE 3107-11H - VERDAD Drilled-Surface Wel	400.50	374.65	30.31	22.58	3.924	SF
COUNTY LINE 3107-12H - VERDAD Drilled-Surface We	328.73	302.91	14.38	6.73	1.880	CC, ES, SF
COUNTY LINE 3107-12H - VERDAD Drilled-Surface We	328.73	302.91	14.38	6.73	1.880	CC, ES
COUNTY LINE 3107-12H - VERDAD Drilled-Surface We	4,800.00	4,779.96	117.81	47.91	1.685	SF

Anticollision Summary Report

Company:	VERDAD RESOURCES	Local Co-ordinate Reference:	Well COUNTY LINE 3108-13H
Project:	WATTENBERG FIELD	TVD Reference:	RKB = 24' @ 5067.00usft (RIG)
Reference Site:	1N-65W-31 COUNTY LINE 3108 PAD	MD Reference:	RKB = 24' @ 5067.00usft (RIG)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	COUNTY LINE 3108-13H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Design #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
1N-65W-31 COUNTY LINE 3108 PAD						
COUNTY LINE 3108-14H - Wellbore #1 - Design #1	209.84	210.84	15.00	7.43	1.981	CC
COUNTY LINE 3108-14H - Wellbore #1 - Design #1	17,352.99	17,498.05	417.70	-61.12	0.872	Level 1, ES, SF
COUNTY LINE 3108-15H - Wellbore #1 - Design #1	210.91	211.91	30.00	22.43	3.961	CC, ES
COUNTY LINE 3108-15H - Wellbore #1 - Design #1	17,352.99	17,676.34	835.40	356.31	1.744	SF
COUNTY LINE 3108-16H - Wellbore #1 - Design #1	200.50	201.50	45.00	37.43	5.946	CC, ES
COUNTY LINE 3108-16H - Wellbore #1 - Design #1	17,352.99	17,874.40	1,253.10	773.74	2.614	SF
COUNTY LINE 3108-17H - Wellbore #1 - Design #1	116.58	117.58	60.00	52.47	7.968	CC
COUNTY LINE 3108-17H - Wellbore #1 - Design #1	200.50	201.00	60.00	52.44	7.929	ES, SF
1N-65W-31 COUNTY LINE 3112 PAD						
COUNTY LINE 3112-01H - Wellbore #1 - Design #3	200.50	194.50	180.00	172.43	23.791	CC, ES
COUNTY LINE 3112-01H - Wellbore #1 - Design #3	300.00	288.40	181.46	173.82	23.742	SF
COUNTY LINE 3112-02H - Wellbore #1 - Design #3	200.50	195.50	165.01	157.45	21.809	CC
COUNTY LINE 3112-02H - Wellbore #1 - Design #3	203.91	198.91	165.01	157.44	21.803	ES
COUNTY LINE 3112-02H - Wellbore #1 - Design #3	300.00	292.53	165.36	157.71	21.623	SF
COUNTY LINE 3112-03H - Wellbore #1 - Design #3	200.50	196.50	150.00	142.43	19.824	CC
COUNTY LINE 3112-03H - Wellbore #1 - Design #3	300.00	295.98	150.01	142.36	19.607	ES
COUNTY LINE 3112-03H - Wellbore #1 - Design #3	400.50	391.51	151.70	143.93	19.516	SF
COUNTY LINE 3112-04H - Wellbore #1 - Design #3	200.50	196.50	135.01	127.44	17.843	CC
COUNTY LINE 3112-04H - Wellbore #1 - Design #3	300.08	296.06	135.02	127.37	17.648	ES
COUNTY LINE 3112-04H - Wellbore #1 - Design #3	411.50	404.72	135.78	127.99	17.421	SF
1N-65W-31 COUNTY LINE 3130 PAD						
COUNTY LINE 3130-01H - VERDAD Drilled-Surface - Ac	850.03	818.31	111.83	102.83	12.418	CC, ES
COUNTY LINE 3130-01H - VERDAD Drilled-Surface - Ac	900.00	865.94	112.58	103.38	12.238	SF
COUNTY LINE 3130-01H - VERDAD Drilled-Surface - PI	850.03	818.31	111.83	102.83	12.418	CC, ES
COUNTY LINE 3130-01H - VERDAD Drilled-Surface - PI	900.00	865.94	112.58	103.38	12.238	SF
COUNTY LINE 3130-02H - VERDAD Drilled-Surface - Ac	100.00	73.61	150.36	142.84	19.977	CC
COUNTY LINE 3130-02H - VERDAD Drilled-Surface - Ac	758.18	721.15	151.15	142.59	17.649	ES
COUNTY LINE 3130-02H - VERDAD Drilled-Surface - Ac	2,600.00	2,400.00	580.71	539.10	13.955	SF
COUNTY LINE 3130-02H - VERDAD Drilled-Surface - PI	100.00	73.61	150.36	142.84	19.977	CC
COUNTY LINE 3130-02H - VERDAD Drilled-Surface - PI	758.18	721.15	151.15	142.59	17.649	ES
COUNTY LINE 3130-02H - VERDAD Drilled-Surface - PI	1,100.00	1,047.74	161.48	151.56	16.275	SF
COUNTY LINE 3130-04H - VERDAD Drilled-Surface - Ac	328.16	302.37	163.81	156.15	21.385	CC, ES
COUNTY LINE 3130-04H - VERDAD Drilled-Surface - Ac	2,600.00	2,408.00	389.29	346.93	9.189	SF
COUNTY LINE 3130-04H - VERDAD Drilled-Surface - PI	328.16	302.37	163.81	156.15	21.385	CC, ES
COUNTY LINE 3130-04H - VERDAD Drilled-Surface - PI	1,800.00	1,715.33	205.23	188.69	12.403	SF
COUNTY LINE 3130-05H - VERDAD Drilled-Surface - Ac	1,775.06	1,696.20	167.72	151.72	10.480	CC
COUNTY LINE 3130-05H - VERDAD Drilled-Surface - Ac	1,800.00	1,719.77	167.86	151.48	10.247	ES
COUNTY LINE 3130-05H - VERDAD Drilled-Surface - Ac	2,500.00	2,396.00	239.03	194.05	5.314	SF
COUNTY LINE 3130-05H - VERDAD Drilled-Surface - PI	1,775.06	1,696.20	167.72	151.72	10.480	CC
COUNTY LINE 3130-05H - VERDAD Drilled-Surface - PI	1,800.00	1,719.77	167.86	151.48	10.247	ES
COUNTY LINE 3130-05H - VERDAD Drilled-Surface - PI	2,200.00	2,111.47	196.92	174.50	8.783	SF
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - Ac	2,029.43	1,941.94	178.84	159.33	9.164	CC
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - Ac	2,100.00	2,011.15	179.47	158.72	8.648	ES
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - Ac	2,500.00	2,401.11	206.79	162.84	4.705	SF
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - PI	2,029.43	1,941.94	178.84	159.33	9.164	CC
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - PI	2,100.00	2,011.15	179.47	158.72	8.648	ES
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - PI	2,400.00	2,303.90	196.80	171.79	7.869	SF

Anticollision Summary Report

Company:	VERDAD RESOURCES	Local Co-ordinate Reference:	Well COUNTY LINE 3108-13H
Project:	WATTENBERG FIELD	TVD Reference:	RKB = 24' @ 5067.00usft (RIG)
Reference Site:	1N-65W-31 COUNTY LINE 3108 PAD	MD Reference:	RKB = 24' @ 5067.00usft (RIG)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	COUNTY LINE 3108-13H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Design #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						
1N-65W-31 Offsets						
ADAM TEN 1-A - CPR P&A Well - No Surveys	4,457.06	4,194.22	332.79	154.95	1.871	CC
ADAM TEN 1-A - CPR P&A Well - No Surveys	4,525.84	4,258.10	333.77	153.08	1.847	ES
ADAM TEN 1-A - CPR P&A Well - No Surveys	4,600.00	4,326.99	337.92	154.37	1.841	SF
DREYER 1 - EnCana P&A Well - No Surveys						Out of range
EPPINGER 1 - CPR P&A Well - No Surveys						Out of range
LOCHBUIE 1 - EnCana P&A Well - No Surveys						Out of range
LOCHBUIE 21-31 - CPR P&A Well - No Surveys						Out of range
LOCHBUIE 2A-31H - CPR PR Well - Actual Cathedral Su						Out of range
LOCHBUIE 2B-31H - CPR PR Well - Actual Cathedral Su						Out of range
LOCHBUIE 2C-31H - CPR PR Well - Actual Cathedral Su						Out of range
LOCHBUIE 2D-31H - CPR PR Well - Actual Cathedral Su						Out of range
LOCHBUIE 2E-31H - CPR PR Well - Actual Cathedral Su						Out of range
LOCHBUIE 2F-31H - CPR SI Well - Actual Cathedral Sur						Out of range
LOCHBUIE 2G-31H - CPR PR Well - Actual Cathedral Su						Out of range
LOCHBUIE 2H-31H - CPR PR Well - Actual Cathedral Su						Out of range
LUTZ 1 - EnCana P&A Well - No Surveys						Out of range
LUTZ 1A - CPR D/A Well - No Surveys						Out of range
SACK-DREYER 1 - CPR P&A Well - No Surveys						Out of range
1N-65W-32 Offsets						
DREYER #32-1 - PAR Pacific D/A Well - No Surveys						Out of range
SACK-HIETT #1 - VESSELS P/A Well - No Surveys	7,134.19	6,664.51	1,058.55	774.72	3.730	CC
SACK-HIETT #1 - VESSELS P/A Well - No Surveys	7,150.00	6,678.69	1,058.74	774.11	3.720	ES
SACK-HIETT #1 - VESSELS P/A Well - No Surveys	7,250.00	6,765.75	1,068.84	779.07	3.689	SF
SAWYER #32-7 - LILIS Energy Planned Well - Planned L						Out of range
SAWYER #32-8 - LILIS Energy Planned Well - Planned L						Out of range
SAWYER/POWELL #32-4 - APEX D/A Well - No Surveys						Out of range
SAWYER-GULLIKSEN #32-3 - PAR Pacific P/A Well - No						Out of range
1S-65W-05 Offsets						
HSR-DREYER 5-5 - Kerr McGee P&A Well - No Surveys	8,795.75	7,138.00	496.81	200.67	1.678	CC
HSR-DREYER 5-5 - Kerr McGee P&A Well - No Surveys	8,800.00	7,138.00	496.83	200.24	1.675	ES
HSR-DREYER 5-5 - Kerr McGee P&A Well - No Surveys	8,900.00	7,138.00	507.63	200.84	1.655	SF
CHAMPLIN 78 AMOCO D #1 - Kerr McGee P&A Well - N						Out of range
DREYER 1 - Kerr McGee P&A Well - No Surveys						Out of range
DREYER 2 - Kerr McGee P&A Well - No Surveys	10,911.17	7,138.00	1,188.98	846.86	3.475	CC
DREYER 2 - Kerr McGee P&A Well - No Surveys	11,000.00	7,138.00	1,192.30	844.80	3.431	ES
DREYER 2 - Kerr McGee P&A Well - No Surveys	11,100.00	7,138.00	1,203.89	850.95	3.411	SF

Anticollision Summary Report

Company:	VERDAD RESOURCES	Local Co-ordinate Reference:	Well COUNTY LINE 3108-13H
Project:	WATTENBERG FIELD	TVD Reference:	RKB = 24' @ 5067.00usft (RIG)
Reference Site:	1N-65W-31 COUNTY LINE 3108 PAD	MD Reference:	RKB = 24' @ 5067.00usft (RIG)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	COUNTY LINE 3108-13H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Design #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						
1S-65W-08 Offsets						
BERGMAN 1 - VERDAD PR Well - No Surveys						Out of range
BERGMAN 32-8 - VERDAD PR Well - No Surveys						Out of range
MELISSA 1 - VERDAD PR Well - No Surveys	16,725.97	7,176.00	1,362.90	885.18	2.853	CC
MELISSA 1 - VERDAD PR Well - No Surveys	16,800.00	7,176.00	1,364.91	883.12	2.833	ES
MELISSA 1 - VERDAD PR Well - No Surveys	16,900.00	7,176.00	1,373.96	887.75	2.826	SF
MELISSA 13-8 - VERDAD PR Well - No Surveys	15,909.14	7,153.00	170.70	-287.20	0.373	Level 1, CC, ES, SF
RAINBOW 1 - VERDAD PR Well - No Surveys	13,458.67	7,156.00	1,181.60	780.43	2.945	CC
RAINBOW 1 - VERDAD PR Well - No Surveys	13,500.00	7,156.00	1,182.32	778.57	2.928	ES
RAINBOW 1 - VERDAD PR Well - No Surveys	13,600.00	7,156.00	1,190.02	780.79	2.908	SF
TIPPERARY 1 - VERDAD PR Well - No Surveys						Out of range
TIPPERARY 34-8 - VERDAD PR Well - No Surveys						Out of range
1S-65W-20 Offsets Incomplete						
WAKEMAN 20-17-1NAH - POCO Planned Well - BKR PI	17,352.99	17,822.97	751.70	600.24	4.963	CC, ES, SF
WAKEMAN 20-17-1NBH - POCO Planned Well - BKR PI	17,352.99	17,835.13	1,012.04	752.44	3.899	CC, ES, SF
WAKEMAN 20-17-1NCH - POCO Planned Well - BKR PI	17,352.99	18,013.26	818.60	702.29	7.038	CC, ES, SF
WAKEMAN 20-17-2CDH - POCO Planned Well - BKR PI	17,352.99	17,954.40	1,348.19	1,009.35	3.979	CC, ES, SF
WAKEMAN 20-17-2NAH - POCO Planned Well - BKR PI	17,352.99	17,526.80	1,387.13	1,024.82	3.829	CC, ES, SF
WAKEMAN 20-17-2NBH - POCO Planned Well - BKR PI						Out of range
WAKEMAN 20-17-2NCH - POCO Planned Well - BKR PI						Out of range
WAKEMAN 20-17-3NCH - POCO Planned Well - BKR PI						Out of range

Anticollision Summary Report

Company:	VERDAD RESOURCES	Local Co-ordinate Reference:	Well COUNTY LINE 3108-13H
Project:	WATTENBERG FIELD	TVD Reference:	RKB = 24' @ 5067.00usft (RIG)
Reference Site:	1N-65W-31 COUNTY LINE 3108 PAD	MD Reference:	RKB = 24' @ 5067.00usft (RIG)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	COUNTY LINE 3108-13H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 24' @ 5067.00usft (RIG)

Offset Depths are relative to Offset Datum

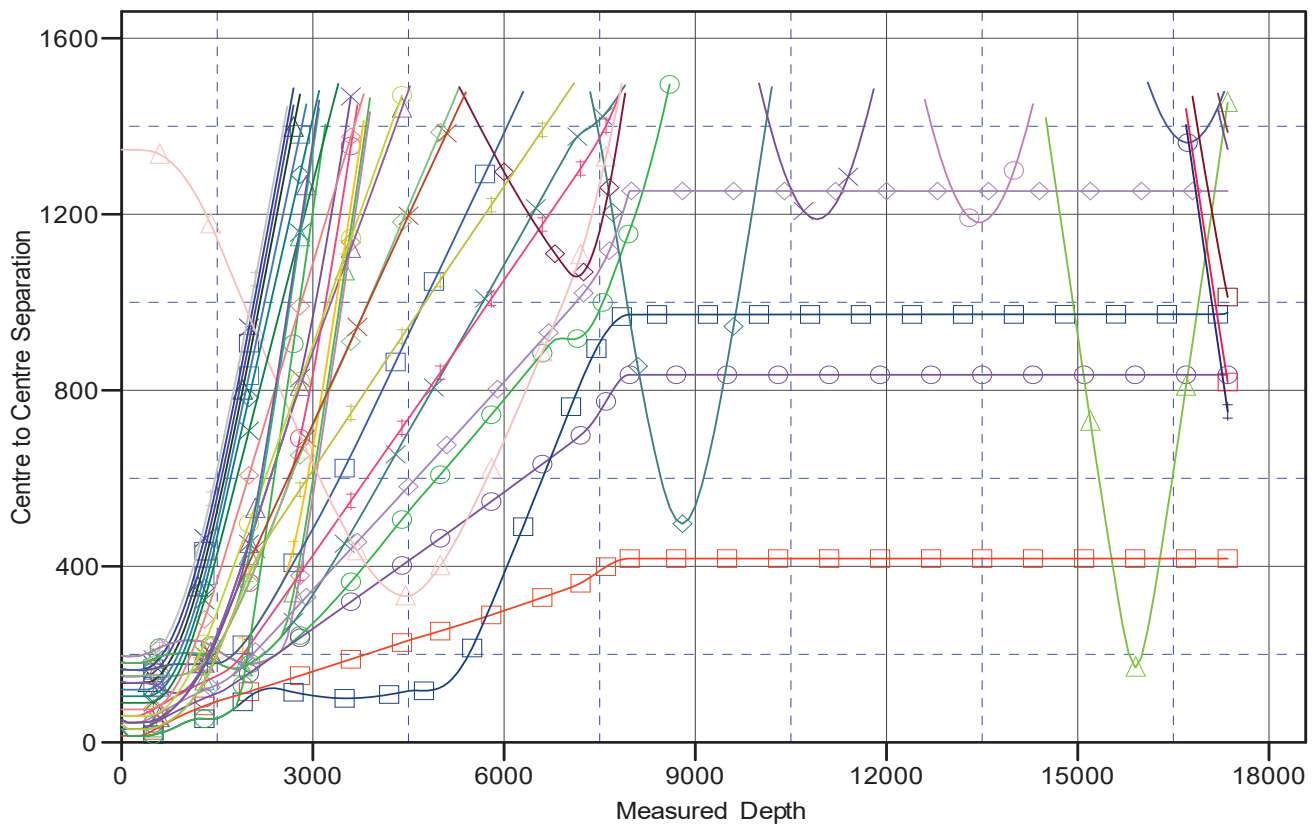
Central Meridian is -105.500000

Coordinates are relative to: COUNTY LINE 3108-13H

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.51°

Ladder Plot



LEGEND

COUNTY LINE 3112-04H, Wellbore#1, Design #3 V0	MELISSA 1, VERDAD PR Well, No Surveys V0	COUNTY LINE 3107-06H, Wellbore#1, Design #3 V0
COUNTY LINE 3112-01H, Wellbore#1, Design #3 V0	MELISSA 13-8, VERDAD PR Well, No Surveys V0	COUNTY LINE 3107-07H, Wellbore#1, Design #3 V0
COUNTY LINE 3112-03H, Wellbore#1, Design #3 V0	RAINBOW1, VERDAD PR Well, No Surveys V0	COUNTY LINE 3107-05H, Wellbore#1, Design #3 V0
COUNTY LINE 3112-02H, Wellbore#1, Design #3 V0	HSR-DREYER 5-5, Kerr McGee P&A Well, No Surveys V0	COUNTY LINE 3107-11H, VERDAD Drilled-Surface Well, Actual SLB Surface Surveys V0
COUNTY LINE 3130-06H, VERDAD Drilled-Surface, PlanB V0	DREYER2, Kerr McGee P&A Well, No Surveys V0	COUNTY LINE 3107-11H, VERDAD Drilled-Surface Well, Plan A V0
COUNTY LINE 3130-06H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	COUNTY LINE 3108-17H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-09H, Wellbore#1, Design #3 V0
COUNTY LINE 3130-05H, VERDAD Drilled-Surface, PlanB V0	COUNTY LINE 3108-14H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-10H, VERDAD Drilled-Surface Well, Plan A V0
COUNTY LINE 3130-05H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	COUNTY LINE 3108-15H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-10H, VERDAD Drilled-Surface Well, Actual SLB Surface Surveys V0
COUNTY LINE 3130-01H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	COUNTY LINE 3108-16H, Wellbore #1, Design #1 V0	WAKEMAN20-17-2NAH, POOCO Planned Well, BKR Planned Surveys V0
COUNTY LINE 3130-01H, VERDAD Drilled-Surface, PlanB V0	ADAM TEN-1-A, CPR P&A Well, No Surveys V0	WAKEMAN20-17-1NCH, POOCO Planned Well, BKR Planned Surveys V0
COUNTY LINE 3130-04H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	SACK-HEIT #1, VESSELS P/A Well, No Surveys V0	WAKEMAN20-17-20CH, POOCO Planned Well, BKR Planned Surveys V0
COUNTY LINE 3130-04H, VERDAD Drilled-Surface, PlanB V0	COUNTY LINE 3107-12H, VERDAD Drilled-Surface Well, Plan A V0	WAKEMAN20-17-1NAH, POOCO Planned Well, BKR Planned Surveys V0
COUNTY LINE 3130-02H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	COUNTY LINE 3107-12H, VERDAD Drilled-Surface Well, Actual SLB Surface Surveys V0	WAKEMAN20-17-1NBH, POOCO Planned Well, BKR Planned Surveys V0
COUNTY LINE 3130-02H, VERDAD Drilled-Surface, PlanB V0	COUNTY LINE 3107-06H, Wellbore#1, Design #3 V0	

Anticollision Summary Report

Company:	VERDAD RESOURCES	Local Co-ordinate Reference:	Well COUNTY LINE 3108-13H
Project:	WATTENBERG FIELD	TVD Reference:	RKB = 24' @ 5067.00usft (RIG)
Reference Site:	1N-65W-31 COUNTY LINE 3108 PAD	MD Reference:	RKB = 24' @ 5067.00usft (RIG)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	COUNTY LINE 3108-13H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 24' @ 5067.00usft (RIG)

Offset Depths are relative to Offset Datum

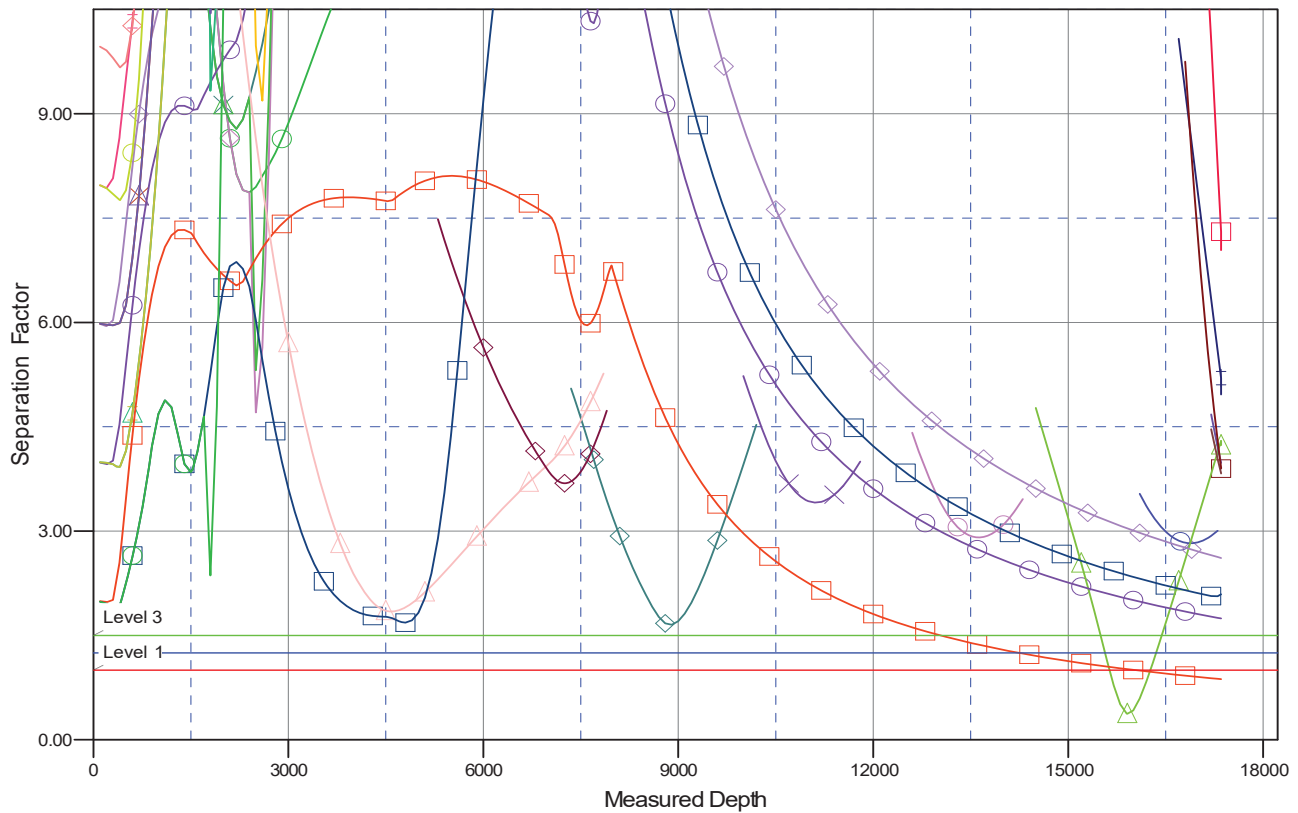
Central Meridian is -105.500000

Coordinates are relative to: COUNTY LINE 3108-13H

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.51°

Separation Factor Plot



LEGEND

COUNTY LINE 3112-04H, Wellbore#1, Design #3 V0	MELISSA 1, VERDAD PR Well, No Surveys V0	COUNTY LINE 3107-09H, Wellbore#1, Design #3 V0
COUNTY LINE 3112-01H, Wellbore#1, Design #3 V0	MELISSA 13-8, VERDAD PR Well, No Surveys V0	COUNTY LINE 3107-07H, Wellbore#1, Design #3 V0
COUNTY LINE 3112-03H, Wellbore#1, Design #3 V0	RAINBOW 1, VERDAD PR Well, No Surveys V0	COUNTY LINE 3107-05H, Wellbore#1, Design #3 V0
COUNTY LINE 3112-02H, Wellbore#1, Design #3 V0	HSR-DREYER 5-5, Kerr McGee P&A Well, No Surveys V0	COUNTY LINE 3107-11H, VERDAD Drilled-Surface Well, Actual SLB Surface Surveys V0
COUNTY LINE 3130-09H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	DREYER 2, Kerr McGee P&A Well, No Surveys V0	COUNTY LINE 3107-11H, VERDAD Drilled-Surface Well, Plan A V0
COUNTY LINE 3130-09H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	COUNTY LINE 3108-17H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-08H, Wellbore#1, Design #3 V0
COUNTY LINE 3130-05H, VERDAD Drilled-Surface, PlanB V0	COUNTY LINE 3108-14H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-10H, VERDAD Drilled-Surface Well, Plan A V0
COUNTY LINE 3130-05H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	COUNTY LINE 3108-15H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-10H, VERDAD Drilled-Surface Well, Actual SLB Surface Surveys V0
COUNTY LINE 3130-01H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	COUNTY LINE 3108-16H, Wellbore #1, Design #1 V0	WAKEMAN20-17-2NAH, POCO Planned Well, BKR Planned Surveys V0
COUNTY LINE 3130-01H, VERDAD Drilled-Surface, PlanB V0	ADAM TEN 1-A, CPR P&A Well, No Surveys V0	WAKEMAN20-17-1NCH, POCO Planned Well, BKR Planned Surveys V0
COUNTY LINE 3130-04H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	SACK-HEIT #1, VESSELS P&A Well, No Surveys V0	WAKEMAN20-17-20CH, POCO Planned Well, BKR Planned Surveys V0
COUNTY LINE 3130-04H, VERDAD Drilled-Surface, PlanB V0	COUNTY LINE 3107-12H, VERDAD Drilled-Surface Well, Plan A V0	WAKEMAN20-17-1NAH, POCO Planned Well, BKR Planned Surveys V0
COUNTY LINE 3130-02H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	COUNTY LINE 3107-12H, VERDAD Drilled-Surface Well, Actual SLB Surface Surveys V0	WAKEMAN20-17-1NBH, POCO Planned Well, BKR Planned Surveys V0
COUNTY LINE 3130-02H, VERDAD Drilled-Surface, PlanB V0	COUNTY LINE 3107-06H, Wellbore#1, Design #3 V0	