

# **VERDAD RESOURCES**

**WATTENBERG FIELD**

**1N-65W-31 COUNTY LINE 3229 PAD**

**COUNTY LINE 3229-24H**

**Plan A**

**Design #2**

## **Anticollision Summary Report**

**24 May, 2022**

## Anticollision Summary Report

<b>Company:</b>	VERDAD RESOURCES	<b>Local Co-ordinate Reference:</b>	Well COUNTY LINE 3229-24H
<b>Project:</b>	WATTENBERG FIELD	<b>TVD Reference:</b>	RKB = 24' @ 5070.00usft (RIG)
<b>Reference Site:</b>	1N-65W-31 COUNTY LINE 3229 PAD	<b>MD Reference:</b>	RKB = 24' @ 5070.00usft (RIG)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	COUNTY LINE 3229-24H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Plan A	<b>Database:</b>	EDM 5000.16 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Reference	Design #2		
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	5/24/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	2,275.00	Design #2 (Plan A)	ISCWSA MWD	Fixed:v2:standard declination	
2,275.00	16,764.03	Design #2 (Plan A)	ISCWSA MWD	Fixed:v2:standard declination	

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-08 Incomplete Offsets						
ENGLISH FARMS 8-10HZ - KMG PR Well - Actual BKR S						Out of range
ENGLISH FARMS 8-11HZ - KMG PR Well - Actual BKR S	16,764.03	20,232.00	1,490.92	1,150.37	4.378	CC, ES, SF
ENGLISH FARMS 8-12HZ - KMG PR Well - Actual BKR S	16,764.03	20,526.00	1,263.00	946.51	3.991	CC, ES, SF
ENGLISH FARMS 8-13HZ - KMG PR Well - Actual BKR S	16,764.03	20,390.00	1,039.39	750.16	3.594	CC, ES, SF
ENGLISH FARMS 8-14HZ - KMG PR Well - Actual BKR S	16,764.03	20,354.00	899.32	651.92	3.635	CC, ES, SF
ENGLISH FARMS 8-15HZX - KMG PR Sidetrack - Actua	16,764.03	20,551.00	891.00	698.97	4.640	CC, ES, SF
ENGLISH FARMS 8-16HZ - KMG PR Well - Actual BKR S	16,764.03	20,309.00	946.92	753.94	4.907	CC, ES, SF
ENGLISH FARMS 8-17HZ - KMG PR Well - Actual BKR S	16,764.03	20,266.00	1,136.93	924.74	5.358	CC, ES, SF
ENGLISH FARMS 8-19HZ - KMG PR Well - Actual BKR S						Out of range
ENGLISH FARMS 8-2HZ - KMG PR Well - Actual BKR S						Out of range
ENGLISH FARMS 8-3HZ - KMG PR Well - Actual BKR S						Out of range
ENGLISH FARMS 8-4HZ - KMG PR Well - Actual BKR S						Out of range
ENGLISH FARMS 8-5HZ - KMG PR Well - Actual BKR S						Out of range
ENGLISH FARMS 8-6HZ - KMG PR Well - Actual BKR S						Out of range
ENGLISH FARMS 8-7HZ - KMG PR Well - Actual BKR S						Out of range
ENGLISH FARMS 8-8HZ - KMG PR Well - Actual BKR S						Out of range
ENGLISH FARMS 8-9HZ - KMG PR Well - Actual BKR S						Out of range
1N-65W-29 Offsets						
GERALD PICKERING GU #1 - Kerr McGee SI Well - No	16,764.03	7,191.00	1,404.92	1,001.78	3.485	CC, ES, SF
HIGHLAND 01N-65W-29-1N - VERDAD PR Well - Actua						Out of range
KILKER #1 - Kerr McGee P/A Well - No Surveys						Out of range

# Anticollision Summary Report

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<b>Reference Site:</b>	1N-65W-31 COUNTY LINE 3229 PAD	<b>MD Reference:</b>	RKB = 24' @ 5070.00usft (RIG)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	COUNTY LINE 3229-24H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Plan A	<b>Database:</b>	EDM 5000.16 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
1N-65W-31 COUNTY LINE 3107 PAD						
COUNTY LINE 3107-05H - Wellbore #1 - Design #3	259.65	253.65	420.25	412.64	55.220	CC, ES
COUNTY LINE 3107-05H - Wellbore #1 - Design #3	500.00	481.48	431.60	423.67	54.453	SF
COUNTY LINE 3107-06H - Wellbore #1 - Design #3	259.65	254.65	405.26	397.65	53.248	CC, ES
COUNTY LINE 3107-06H - Wellbore #1 - Design #3	500.00	489.07	415.59	407.65	52.380	SF
COUNTY LINE 3107-07H - Wellbore #1 - Design #3	259.65	254.65	390.24	382.63	51.275	CC, ES
COUNTY LINE 3107-07H - Wellbore #1 - Design #3	500.00	494.72	400.27	392.33	50.411	SF
COUNTY LINE 3107-08H - Wellbore #1 - Design #3	259.65	255.65	375.26	367.64	49.302	CC, ES
COUNTY LINE 3107-08H - Wellbore #1 - Design #3	500.00	495.72	385.28	377.34	48.518	SF
COUNTY LINE 3107-09H - Wellbore #1 - Design #3	259.65	255.65	360.27	352.66	47.333	CC, ES
COUNTY LINE 3107-09H - Wellbore #1 - Design #3	500.00	495.72	370.29	362.35	46.630	SF
COUNTY LINE 3107-10H - VERDAD Drilled-Surface We	100.00	70.85	345.27	337.74	45.873	CC, ES
COUNTY LINE 3107-10H - VERDAD Drilled-Surface We	1,900.00	1,729.00	787.06	752.53	22.797	SF
COUNTY LINE 3107-10H - VERDAD Drilled-Surface We	100.00	70.85	345.27	337.74	45.873	CC, ES
COUNTY LINE 3107-10H - VERDAD Drilled-Surface We	600.00	578.49	363.10	355.05	45.086	SF
COUNTY LINE 3107-11H - VERDAD Drilled-Surface Wel	100.00	70.90	330.27	322.75	43.881	CC, ES
COUNTY LINE 3107-11H - VERDAD Drilled-Surface Wel	1,900.00	1,729.00	755.37	720.89	21.905	SF
COUNTY LINE 3107-11H - VERDAD Drilled-Surface Wel	100.00	70.90	330.27	322.75	43.881	CC, ES
COUNTY LINE 3107-11H - VERDAD Drilled-Surface Wel	700.00	683.96	353.73	345.46	42.767	SF
COUNTY LINE 3107-12H - VERDAD Drilled-Surface We	816.39	848.29	313.71	305.10	36.417	CC, ES
COUNTY LINE 3107-12H - VERDAD Drilled-Surface We	1,800.00	1,775.00	456.66	422.40	13.331	SF
COUNTY LINE 3107-12H - VERDAD Drilled-Surface We	816.39	848.29	313.71	305.10	36.417	CC, ES
COUNTY LINE 3107-12H - VERDAD Drilled-Surface We	1,300.00	1,332.92	337.82	327.15	31.661	SF
1N-65W-31 COUNTY LINE 3108 PAD						
COUNTY LINE 3108-13H - Wellbore #1 - Design #1	241.75	238.75	300.25	292.66	39.526	CC
COUNTY LINE 3108-13H - Wellbore #1 - Design #1	259.65	256.65	300.25	292.64	39.446	ES
COUNTY LINE 3108-13H - Wellbore #1 - Design #1	2,000.00	2,115.60	420.25	404.40	26.512	SF
COUNTY LINE 3108-14H - Wellbore #1 - Design #1	1,486.91	1,603.13	260.11	248.20	21.840	CC
COUNTY LINE 3108-14H - Wellbore #1 - Design #1	1,500.00	1,616.22	260.14	248.13	21.668	ES
COUNTY LINE 3108-14H - Wellbore #1 - Design #1	2,000.00	2,113.36	306.06	290.12	19.200	SF
COUNTY LINE 3108-15H - Wellbore #1 - Design #1	1,646.19	1,767.45	230.30	217.30	17.707	CC, ES
COUNTY LINE 3108-15H - Wellbore #1 - Design #1	2,000.00	2,120.25	252.26	236.26	15.762	SF
COUNTY LINE 3108-16H - Wellbore #1 - Design #1	1,797.57	1,920.55	199.64	185.47	14.084	CC
COUNTY LINE 3108-16H - Wellbore #1 - Design #1	1,800.00	1,922.98	199.64	185.45	14.063	ES
COUNTY LINE 3108-16H - Wellbore #1 - Design #1	2,100.00	2,222.30	215.76	198.76	12.697	SF
COUNTY LINE 3108-17H - Wellbore #1 - Design #1	1,939.15	2,060.48	168.39	152.89	10.868	CC, ES
COUNTY LINE 3108-17H - Wellbore #1 - Design #1	2,200.00	2,320.84	180.41	162.35	9.987	SF
1N-65W-31 COUNTY LINE 3112 PAD						
COUNTY LINE 3112-01H - Wellbore #1 - Design #3	200.00	191.00	480.26	472.69	63.487	CC, ES
COUNTY LINE 3112-01H - Wellbore #1 - Design #3	300.00	277.91	481.77	474.14	63.077	SF
COUNTY LINE 3112-02H - Wellbore #1 - Design #3	209.38	201.38	465.27	457.70	61.455	CC
COUNTY LINE 3112-02H - Wellbore #1 - Design #3	259.65	250.00	465.27	457.66	61.149	ES
COUNTY LINE 3112-02H - Wellbore #1 - Design #3	400.00	371.93	471.70	463.95	60.867	SF
COUNTY LINE 3112-03H - Wellbore #1 - Design #3	259.65	252.65	450.25	442.64	59.166	CC, ES
COUNTY LINE 3112-03H - Wellbore #1 - Design #3	400.00	380.23	454.97	447.21	58.639	SF
COUNTY LINE 3112-04H - Wellbore #1 - Design #3	259.65	252.65	435.26	427.65	57.196	CC, ES
COUNTY LINE 3112-04H - Wellbore #1 - Design #3	400.00	387.25	438.96	431.20	56.529	SF

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<b>Reference Site:</b>	1N-65W-31 COUNTY LINE 3229 PAD	<b>MD Reference:</b>	RKB = 24' @ 5070.00usft (RIG)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	COUNTY LINE 3229-24H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Plan A	<b>Database:</b>	EDM 5000.16 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
1N-65W-31 COUNTY LINE 3130 PAD						
COUNTY LINE 3130-01H - VERDAD Drilled-Surface - Ac	263.73	234.97	164.68	157.08	21.678	CC, ES
COUNTY LINE 3130-01H - VERDAD Drilled-Surface - Ac	300.00	271.02	164.90	157.27	21.623	SF
COUNTY LINE 3130-01H - VERDAD Drilled-Surface - PI	263.73	234.97	164.68	157.08	21.678	CC, ES
COUNTY LINE 3130-01H - VERDAD Drilled-Surface - PI	300.00	271.02	164.90	157.27	21.623	SF
COUNTY LINE 3130-02H - VERDAD Drilled-Surface - Ac	281.92	254.08	149.10	141.49	19.602	CC, ES
COUNTY LINE 3130-02H - VERDAD Drilled-Surface - Ac	300.00	272.33	149.14	141.52	19.569	SF
COUNTY LINE 3130-02H - VERDAD Drilled-Surface - PI	281.92	254.08	149.10	141.49	19.602	CC, ES
COUNTY LINE 3130-02H - VERDAD Drilled-Surface - PI	300.00	272.33	149.14	141.52	19.569	SF
COUNTY LINE 3130-04H - VERDAD Drilled-Surface - Ac	100.00	70.62	135.10	127.57	17.950	CC, ES
COUNTY LINE 3130-04H - VERDAD Drilled-Surface - Ac	300.00	269.87	136.64	129.02	17.914	SF
COUNTY LINE 3130-04H - VERDAD Drilled-Surface - PI	100.00	70.62	135.10	127.57	17.950	CC, ES
COUNTY LINE 3130-04H - VERDAD Drilled-Surface - PI	300.00	269.87	136.64	129.02	17.914	SF
COUNTY LINE 3130-05H - VERDAD Drilled-Surface - Ac	100.00	70.90	120.01	112.49	15.945	CC, ES
COUNTY LINE 3130-05H - VERDAD Drilled-Surface - Ac	700.00	682.92	126.28	117.94	15.145	SF
COUNTY LINE 3130-05H - VERDAD Drilled-Surface - PI	100.00	70.90	120.01	112.49	15.945	CC, ES
COUNTY LINE 3130-05H - VERDAD Drilled-Surface - PI	700.00	682.92	126.28	117.94	15.145	SF
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - Ac	591.43	574.29	99.44	91.38	12.334	CC
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - Ac	600.00	582.84	99.46	91.37	12.304	ES
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - Ac	800.00	784.79	105.93	97.20	12.130	SF
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - PI	591.43	574.29	99.44	91.38	12.334	CC
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - PI	600.00	582.84	99.46	91.37	12.304	ES
COUNTY LINE 3130-06H - VERDAD Drilled-Surface - PI	800.00	784.79	105.93	97.20	12.130	SF
1N-65W-31 COUNTY LINE 3229 PAD						
COUNTY LINE 3229-18H - Plan A - Design #2	279.60	280.24	89.78	82.15	11.765	CC, ES
COUNTY LINE 3229-18H - Plan A - Design #2	300.00	300.78	89.84	82.19	11.741	SF
COUNTY LINE 3229-19H - Plan A - Design #2	259.65	259.65	74.99	67.38	9.851	CC, ES
COUNTY LINE 3229-19H - Plan A - Design #2	300.00	300.00	75.28	67.62	9.838	SF
COUNTY LINE 3229-20H - Plan A - Design #2	259.65	259.65	60.00	52.39	7.882	CC, ES
COUNTY LINE 3229-20H - Plan A - Design #2	2,000.00	2,046.90	125.06	108.26	7.444	SF
COUNTY LINE 3229-21H - Plan A - Design #2	259.65	259.65	45.00	37.39	5.911	CC, ES
COUNTY LINE 3229-21H - Plan A - Design #2	16,764.03	15,912.43	1,443.76	1,093.65	4.124	SF
COUNTY LINE 3229-22H - Plan A - Design #2	259.65	259.65	30.00	22.39	3.941	CC, ES
COUNTY LINE 3229-22H - Plan A - Design #2	16,764.03	16,160.24	962.51	612.80	2.752	SF
COUNTY LINE 3229-23H - Plan A - Design #2	259.65	259.65	15.00	7.39	1.970	CC, ES
COUNTY LINE 3229-23H - Plan A - Design #2	16,764.03	16,539.76	481.25	137.03	1.398	Level 3, SF
COUNTY LINE 3229-25H - Plan A - Design #2	203.41	203.41	15.00	7.43	1.982	CC, ES
COUNTY LINE 3229-25H - Plan A - Design #2	16,764.03	17,078.50	481.25	129.45	1.368	Level 3, SF
COUNTY LINE 3229-26H - Plan A - Design #2	200.00	200.00	30.00	22.43	3.965	CC, ES
COUNTY LINE 3229-26H - Plan A - Design #2	16,764.03	17,407.21	962.50	610.49	2.734	SF

## Anticollision Summary Report

<b>Company:</b>	VERDAD RESOURCES	<b>Local Co-ordinate Reference:</b>	Well COUNTY LINE 3229-24H
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<b>Reference Site:</b>	1N-65W-31 COUNTY LINE 3229 PAD	<b>MD Reference:</b>	RKB = 24' @ 5070.00usft (RIG)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	COUNTY LINE 3229-24H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Plan A	<b>Database:</b>	EDM 5000.16 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
1N-65W-31 Offsets						
ADAM TEN 1-A - CPR P&A Well - No Surveys	2,709.36	2,402.48	408.61	300.52	3.780	CC, ES
ADAM TEN 1-A - CPR P&A Well - No Surveys	2,800.00	2,468.73	413.27	301.77	3.706	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
WALLA 5-15-2L - Confluence Planned Well - BKR Planne	2,975.70	2,727.84	463.62	426.27	12.413	CC
WALLA 5-15-2L - Confluence Planned Well - BKR Planne	3,000.00	2,748.29	463.81	426.22	12.340	ES
WALLA 5-15-2L - Confluence Planned Well - BKR Planne	3,100.00	2,832.43	468.46	430.13	12.219	SF
WALLA 5-8-4L - Confluence Planned Well - Planned Pro	2,657.84	2,389.83	621.40	590.08	19.845	CC, ES
WALLA 5-8-4L - Confluence Planned Well - Planned Pro	2,900.00	2,566.82	643.00	608.47	18.622	SF
WALLA 5-9-2L - Confluence Planned Well - BKR Planned	5,241.00	4,696.84	329.84	220.79	3.025	CC, ES, SF
1N-65W-32 Offsets						
*KILKER 1 - VESSELS P&A Well - No Surveys	13,509.24	7,245.00	426.84	67.56	1.188	Level 2, CC
*KILKER 1 - VESSELS P&A Well - No Surveys	13,600.00	7,245.00	436.38	58.55	1.155	Level 2, ES, SF
*SAWYER 32-2 - NANKE ENERGY SI Well - No Surveys	9,870.92	7,234.00	524.69	229.14	1.775	CC
*SAWYER 32-2 - NANKE ENERGY SI Well - No Surveys	9,900.00	7,234.00	525.50	229.11	1.773	ES
*SAWYER 32-2 - NANKE ENERGY SI Well - No Surveys	10,000.00	7,234.00	540.34	232.47	1.755	SF
*SAWYER 32-34 - ABD D/A Well - No Surveys	10,400.00	7,236.00	569.30	249.82	1.782	SF
*SAWYER 32-34 - ABD D/A Well - No Surveys	10,500.00	7,236.00	551.25	245.11	1.801	ES
*SAWYER 32-34 - ABD D/A Well - No Surveys	10,551.11	7,236.00	548.88	246.61	1.816	CC
DREYER #32-1 - PAR Pacific D/A Well - No Surveys						Out of range
SACK-HIETT #1 - VESSELS P/A Well - No Surveys	4,955.06	4,028.82	940.47	733.73	4.549	CC
SACK-HIETT #1 - VESSELS P/A Well - No Surveys	5,000.00	4,061.66	940.97	732.22	4.508	ES
SACK-HIETT #1 - VESSELS P/A Well - No Surveys	5,300.00	4,280.92	969.49	749.09	4.399	SF
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
1N-65W-33 Offsets Incomplete						
BUFORD 33-10-2L - Confluence Drilled Well - Plan Only						Out of range
DESHA 4-15-1 - Confluence PR Well - Actual BKR Surve						Out of range

## Anticollision Summary Report

<b>Company:</b>	VERDAD RESOURCES	<b>Local Co-ordinate Reference:</b>	Well COUNTY LINE 3229-24H
<b>Project:</b>	WATTENBERG FIELD	<b>TVD Reference:</b>	RKB = 24' @ 5070.00usft (RIG)
<b>Reference Site:</b>	1N-65W-31 COUNTY LINE 3229 PAD	<b>MD Reference:</b>	RKB = 24' @ 5070.00usft (RIG)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	COUNTY LINE 3229-24H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Plan A	<b>Database:</b>	EDM 5000.16 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to RKB = 24' @ 5070.00usft (RIG)

Offset Depths are relative to Offset Datum

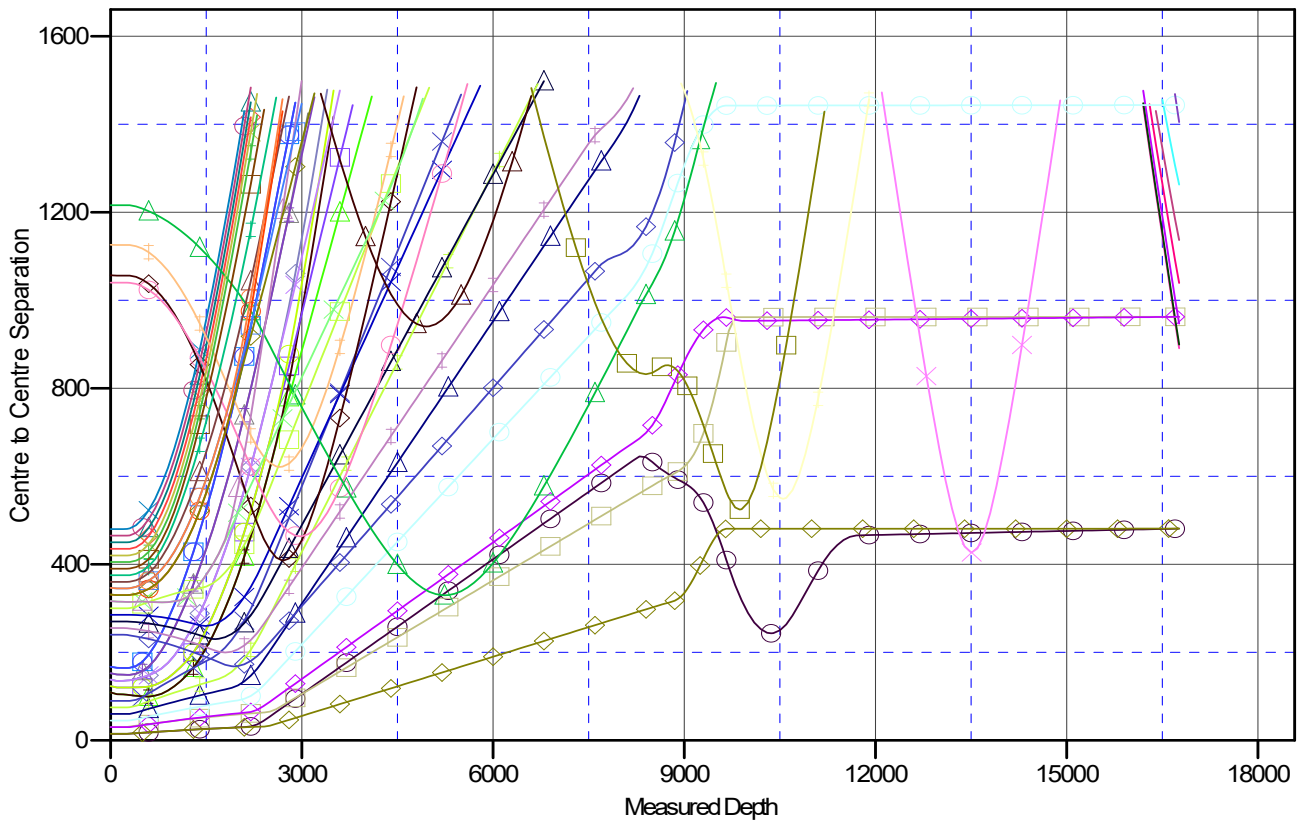
Central Meridian is -105.500000

Coordinates are relative to: COUNTY LINE 3229-24H

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	COUNTY LINE 3130-02H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	WALLA 5-15-2L, Confluence Planned Well, BKR Planned Surveys V0
COUNTY LINE 3112-01H, Wellbore #1, Design #3 V0	COUNTY LINE 3130-02H, VERDAD Drilled-Surface, Plan B V0	WALLA 5-6-4L, Confluence Planned Well, Planned Pro Directional Surveys V0
COUNTY LINE 3112-03H, Wellbore #1, Design #3 V0	COUNTY LINE 3130-01H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	WALLA 5-9-2L, Confluence Planned Well, BKR Planned Surveys V0
COUNTY LINE 3112-02H, Wellbore #1, Design #3 V0	COUNTY LINE 3130-01H, VERDAD Drilled-Surface, Plan B V0	*KILKER 1, VESSELS P&A Well, No Surveys V0
ENGLISH FARM S 8-11HZ, KM GPR Well Actual BKR Surveys V0	COUNTY LINE 3229-23H, Plan A, Design #2 V0	SACK-HIETT #1, VESSELS P/A Well, No Surveys V0
ENGLISH FARM S 8-13HZ, KM GPR Well Actual BKR Surveys V0	COUNTY LINE 3229-26H, Plan A, Design #2 V0	*SAWYER 3284, ABD DIA Well, No Surveys V0
ENGLISH FARM S 8-15HZ, KM GPR Well Actual BKR Surveys V0	COUNTY LINE 3229-22H, Plan A, Design #2 V0	*SAWYER 332, NANKE ENERGY SI Well, No Surveys V0
ENGLISH FARM S 8-17HZ, KM GPR Well Actual BKR Surveys V0	COUNTY LINE 3229-21H, Plan A, Design #2 V0	COUNTY LINE 3107-12H, VERDAD Drilled-Surface Well, Plan A V0
ENGLISH FARM S 8-12HZ, KM GPR Well Actual BKR Surveys V0	COUNTY LINE 3229-19H, Plan A, Design #2 V0	COUNTY LINE 3107-12H, VERDAD Drilled-Surface Well, Actual SLB Surface Surveys V0
ENGLISH FARM S 8-16HZ, KM GPR Well Actual BKR Surveys V0	COUNTY LINE 3229-20H, Plan A, Design #2 V0	COUNTY LINE 3107-06H, Wellbore #1, Design #3 V0
ENGLISH FARM S 8-14HZ, KM GPR Well Actual BKR Surveys V0	COUNTY LINE 3229-25H, Plan A, Design #2 V0	COUNTY LINE 3107-06H, Wellbore #1, Design #3 V0
GERALD PICKERING GU #1, Ker McGee SI Well, No Surveys V0	COUNTY LINE 3108-17H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-07H, Wellbore #1, Design #3 V0
COUNTY LINE 3130-06H, VERDAD Drilled-Surface, Plan B V0	COUNTY LINE 3108-14H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-11H, VERDAD Drilled-Surface Well, Actual SLB Surface Surveys V0
COUNTY LINE 3130-06H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	COUNTY LINE 3108-15H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-11H, VERDAD Drilled-Surface Well, Plan A V0
COUNTY LINE 3130-05H, VERDAD Drilled-Surface, Plan B V0	COUNTY LINE 3108-13H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-08H, Wellbore #1, Design #3 V0
COUNTY LINE 3130-05H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	COUNTY LINE 3108-16H, Wellbore #1, Design #1 V0	COUNTY LINE 3107-10H, VERDAD Drilled-Surface Well, Plan A V0
COUNTY LINE 3130-04H, VERDAD Drilled-Surface, Actual SLB Surface Surveys V0	ADAM TEN 1A, CPR P&A Well, No Surveys V0	COUNTY LINE 3107-10H, VERDAD Drilled-Surface Well, Actual SLB Surface Surveys V0
COUNTY LINE 3130-04H, VERDAD Drilled-Surface, Plan B V0		COUNTY LINE 3107-09H, Wellbore #1, Design #3 V0

## Anticollision Summary Report

<b>Company:</b>	VERDAD RESOURCES	<b>Local Co-ordinate Reference:</b>	Well COUNTY LINE 3229-24H
<b>Project:</b>	WATTENBERG FIELD	<b>TVD Reference:</b>	RKB = 24' @ 5070.00usft (RIG)
<b>Reference Site:</b>	1N-65W-31 COUNTY LINE 3229 PAD	<b>MD Reference:</b>	RKB = 24' @ 5070.00usft (RIG)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	COUNTY LINE 3229-24H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Plan A	<b>Database:</b>	EDM 5000.16 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Grid Convergence at Surface is: 0.51°

