

VERDAD RESOURCES

**WATTENBERG FIELD
1N-64W-17 WARNER PAD
WARNER 1708-07H**

**Plan B
Design #1**

Anticollision Summary Report

24 May, 2023

Anticollision Summary Report

Company:	VERDAD RESOURCES	Local Co-ordinate Reference:	Well WARNER 1708-07H
Project:	WATTENBERG FIELD	TVD Reference:	RKB = 20' @ 5088.00usft (RIG)
Reference Site:	1N-64W-17 WARNER PAD	MD Reference:	RKB = 20' @ 5088.00usft (RIG)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	WARNER 1708-07H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Plan B	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	5/24/2023			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	2,120.00	Design #1 (Plan B)	ISCWSA MWD	Fixed:v2:standard declination	
2,120.00	17,472.92	Design #1 (Plan B)	ISCWSA MWD	Fixed:v2:standard declination	

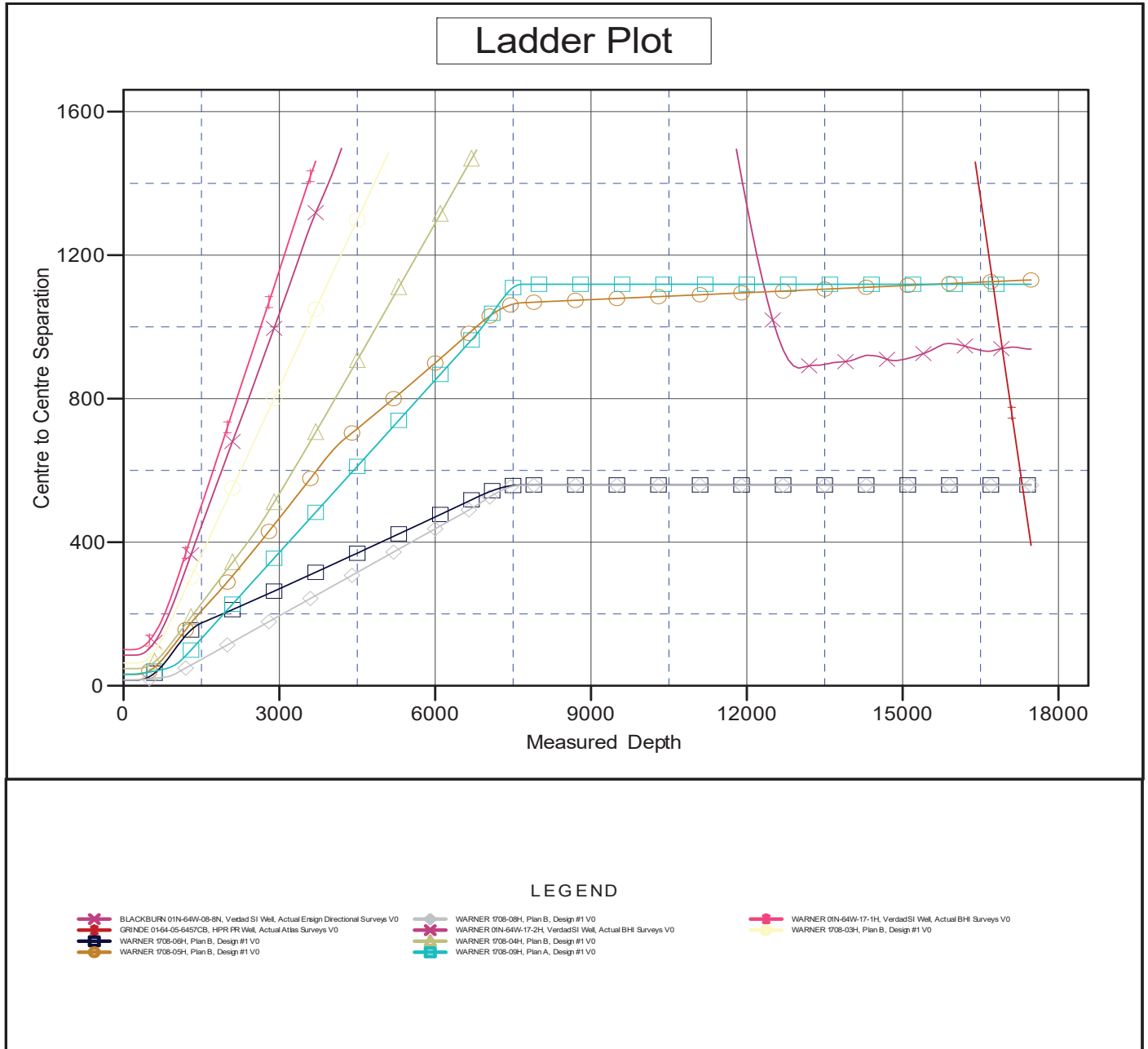
Summary						
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
1N-64W-05 Offsets						
GRINDE 01-64-05-6457CB - HPR PR Well - Actual Atlas	17,472.92	10,895.66	391.58	228.99	2.408	CC, ES, SF
1N-64W-08 Offsets						
BLACKBURN 01N-64W-08-8N - Verdad SI Well - Actual	13,004.96	11,677.00	885.33	635.62	3.545	CC, ES, SF
EAST HUDSON A/HUBBS #1-8 - Classic Petroleum D/A						Out of range
1N-64W-17 WARNER PAD						
WARNER 01N-64W-17-1H - Verdad SI Well - Actual BHI	150.64	145.64	100.68	93.13	13.331	CC, ES
WARNER 01N-64W-17-1H - Verdad SI Well - Actual BHI	200.00	193.73	100.99	93.41	13.323	SF
WARNER 01N-64W-17-2H - Verdad SI Well - Actual BHI	100.00	94.91	85.31	77.78	11.326	CC, ES
WARNER 01N-64W-17-2H - Verdad SI Well - Actual BHI	263.00	257.27	85.66	78.03	11.223	SF
WARNER 1708-03H - Plan B - Design #1	263.00	263.00	63.84	56.22	8.380	CC, ES
WARNER 1708-03H - Plan B - Design #1	300.00	299.96	64.06	56.40	8.370	SF
WARNER 1708-04H - Plan B - Design #1	263.00	263.00	47.94	40.32	6.293	CC, ES
WARNER 1708-04H - Plan B - Design #1	300.00	300.00	48.16	40.50	6.292	SF
WARNER 1708-05H - Plan B - Design #1	253.33	253.33	31.92	24.31	4.196	CC
WARNER 1708-05H - Plan B - Design #1	263.00	263.00	31.92	24.30	4.191	ES
WARNER 1708-05H - Plan B - Design #1	17,472.92	17,365.53	1,131.18	652.67	2.364	SF
WARNER 1708-06H - Plan B - Design #1	263.00	263.00	15.96	8.34	2.095	CC, ES
WARNER 1708-06H - Plan B - Design #1	17,472.92	17,398.20	559.99	81.83	1.171	Level 2, SF
WARNER 1708-08H - Plan B - Design #1	201.44	201.44	16.24	8.67	2.145	CC, ES
WARNER 1708-08H - Plan B - Design #1	17,472.92	17,595.12	558.87	80.62	1.169	Level 2, SF
WARNER 1708-09H - Plan A - Design #1	200.00	200.00	32.20	24.64	4.255	CC, ES
WARNER 1708-09H - Plan A - Design #1	17,472.92	17,759.18	1,118.86	640.53	2.339	SF
1N-64W-20 Offsets						
STALKING WOLF #1 - Karen D/A Well - No Surveys						Out of range
TURECEK #1-20 - Duncan P&A Well - No Surveys						Out of range

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Reference Depths are relative to RKB = 20' @ 5088.00usft (RIG)
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000

Coordinates are relative to: WARNER 1708-07H
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.60°



Anticollision Summary Report

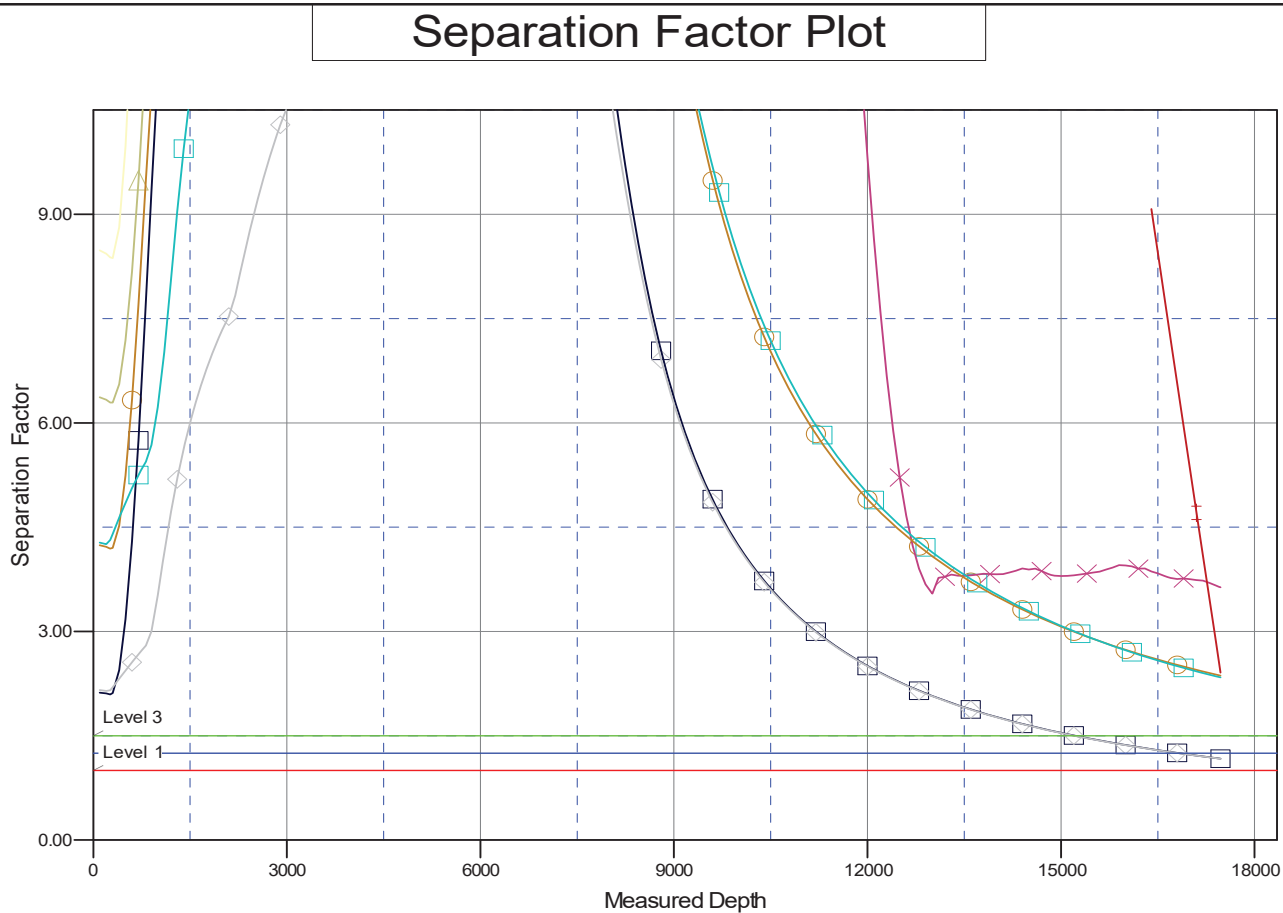
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Offset Depths are relative to Offset Datum

Central Meridian is -105.500000

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.60°



LEGEND

- | | | | | | |
|--|---|--|---------------------------------------|--|---|
| | BLACKBURN 01N-64W-08-2N, Verdad 31 Well, Actual En Directional Surveys V0 | | WARNER 0708-04W, Plan B, Design #1 V0 | | WARNER 01N-64W-17-1H, Verdad31 Well, Actual BH#1 Surveys V0 |
| | GRINDE 0164-05-657CB, HPR R1 Well, Actual Atlas Surveys V0 | | WARNER 0708-04W, Plan B, Design #1 V0 | | WARNER 0708-03H, Plan B, Design #1 V0 |
| | WARNER 0708-04W, Plan B, Design #1 V0 | | WARNER 0708-04W, Plan A, Design #1 V0 | | |