

# **VERDAD RESOURCES**

**WATTENBERG FIELD  
1N-64W-17 WARNER PAD  
WARNER 1708-06H**

**Plan B  
Design #1**

## **Anticollision Summary Report**

**24 May, 2023**

## Anticollision Summary Report

<b>Company:</b>	VERDAD RESOURCES	<b>Local Co-ordinate Reference:</b>	Well WARNER 1708-06H
<b>Project:</b>	WATTENBERG FIELD	<b>TVD Reference:</b>	RKB = 20' @ 5088.00usft (RIG)
<b>Reference Site:</b>	1N-64W-17 WARNER PAD	<b>MD Reference:</b>	RKB = 20' @ 5088.00usft (RIG)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	WARNER 1708-06H	<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 B	<b>Database:</b>	EDM 5000.16 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Design #1		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	Stations	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum centre distance of 1,500.00usft	<b>Error Surface:</b>	Pedal Curve
<b>Warning Levels Evaluated at:</b>	2.45 Sigma	<b>Casing Method:</b>	Added to Error Values

<b>Survey Tool Program</b>	<b>Date</b>	5/24/2023			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.00	2,120.00	Design #1 (Plan B)	ISCWSA MWD	Fixed:v2:standard declination	
2,120.00	17,398.20	Design #1 (Plan B)	ISCWSA MWD	Fixed:v2:standard declination	

<b>Summary</b>						
<b>Site Name</b>	<b>Reference Measured Depth (usft)</b>	<b>Offset Measured Depth (usft)</b>	<b>Distance Between Centres (usft)</b>	<b>Distance Between Ellipses (usft)</b>	<b>Separation Factor</b>	<b>Warning</b>
<b>Offset Well - Wellbore - Design</b>						
1N-64W-05 Offsets						
GRINDE 01-64-05-6457CB - HPR PR Well - Actual Atlas	17,398.20	10,336.02	388.17	251.40	2.838	CC, ES, SF
1N-64W-08 Offsets						
BLACKBURN 01N-64W-08-8N - Verdad SI Well - Actual	12,933.08	11,677.00	1,445.00	1,195.21	5.785	CC, ES, SF
EAST HUDSON A/HUBBS #1-8 - Classic Petroleum D/A	15,801.40	7,077.00	1,215.45	764.24	2.694	CC, ES, SF
1N-64W-17 WARNER PAD						
WARNER 01N-64W-17-1H - Verdad SI Well - Actual BHI	150.65	145.65	84.97	77.42	11.251	CC, ES
WARNER 01N-64W-17-1H - Verdad SI Well - Actual BHI	200.00	193.94	85.28	77.70	11.250	SF
WARNER 01N-64W-17-2H - Verdad SI Well - Actual BHI	100.00	94.93	69.70	62.17	9.254	CC, ES
WARNER 01N-64W-17-2H - Verdad SI Well - Actual BHI	300.00	293.69	70.56	62.89	9.200	SF
WARNER 1708-03H - Plan B - Design #1	215.99	215.99	47.88	40.30	6.317	CC
WARNER 1708-03H - Plan B - Design #1	300.00	299.97	47.88	40.23	6.255	ES, SF
WARNER 1708-04H - Plan B - Design #1	1,117.00	1,117.00	31.98	22.25	3.287	CC, ES
WARNER 1708-04H - Plan B - Design #1	17,398.20	17,367.08	1,130.06	651.50	2.361	SF
WARNER 1708-05H - Plan B - Design #1	252.44	252.44	15.96	8.35	2.098	CC
WARNER 1708-05H - Plan B - Design #1	300.00	299.99	15.99	8.34	2.090	ES
WARNER 1708-05H - Plan B - Design #1	17,398.20	17,366.75	571.19	92.56	1.193	Level 2, SF
WARNER 1708-07H - Plan B - Design #1	207.13	207.13	15.96	8.39	2.107	CC, ES
WARNER 1708-07H - Plan B - Design #1	17,398.20	17,470.51	559.99	81.74	1.171	Level 2, SF
WARNER 1708-08H - Plan B - Design #1	200.00	200.00	32.20	24.63	4.254	CC, ES
WARNER 1708-08H - Plan B - Design #1	17,398.20	17,592.71	1,118.86	640.63	2.340	SF
WARNER 1708-09H - Plan A - Design #1	200.00	200.00	48.16	40.59	6.363	CC, ES, 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

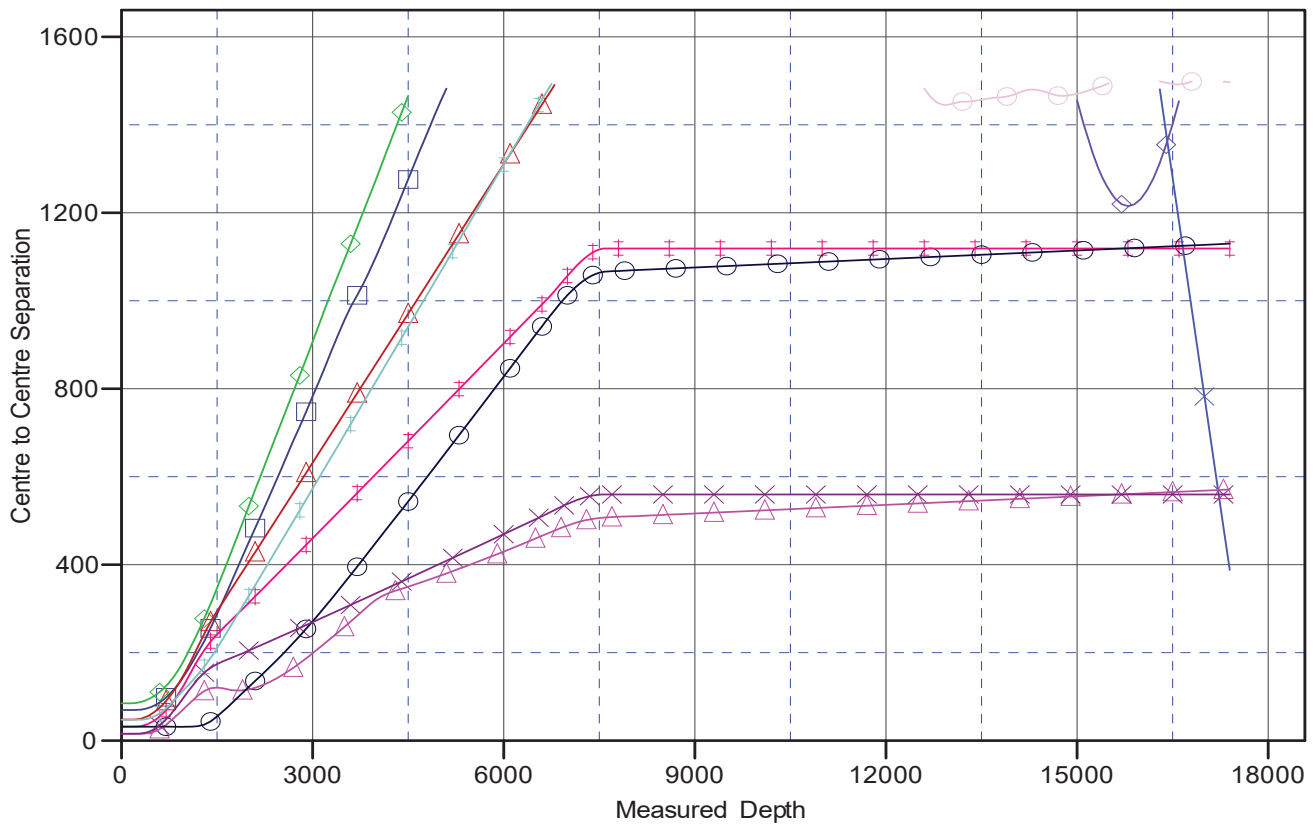
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Reference Depths are relative to RKB = 20' @ 5088.00usft (RIG)  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.500000

Coordinates are relative to: WARNER 1708-06H  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.60°

### Ladder Plot



### LEGEND

- BLACKBURN 01N-64W-08-2N, Verdad SI Well, Actual Emgen Directional Surveys V0
- EAST HUDSON A/HUBBS #1-8, Classic Petroleum D/A Well, No Surveys V0
- GRINDE 0164-05-6457CB, HPR FR Well, Actual Atlas Surveys V0
- WARNER 1708-05H, Plan B, Design #1 V0
- WARNER 1708-06H, Plan B, Design #1 V0
- WARNER 01N-64W-17-2H, VerdadSI Well, Actual BHI Surveys V0
- WARNER 01N-64W-17-1H, VerdadSI Well, Actual BHI Surveys V0
- WARNER 1708-07H, Plan B, Design #1 V0
- WARNER 1708-09H, Plan A, Design #1 V0

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Offset Depths are relative to Offset Datum

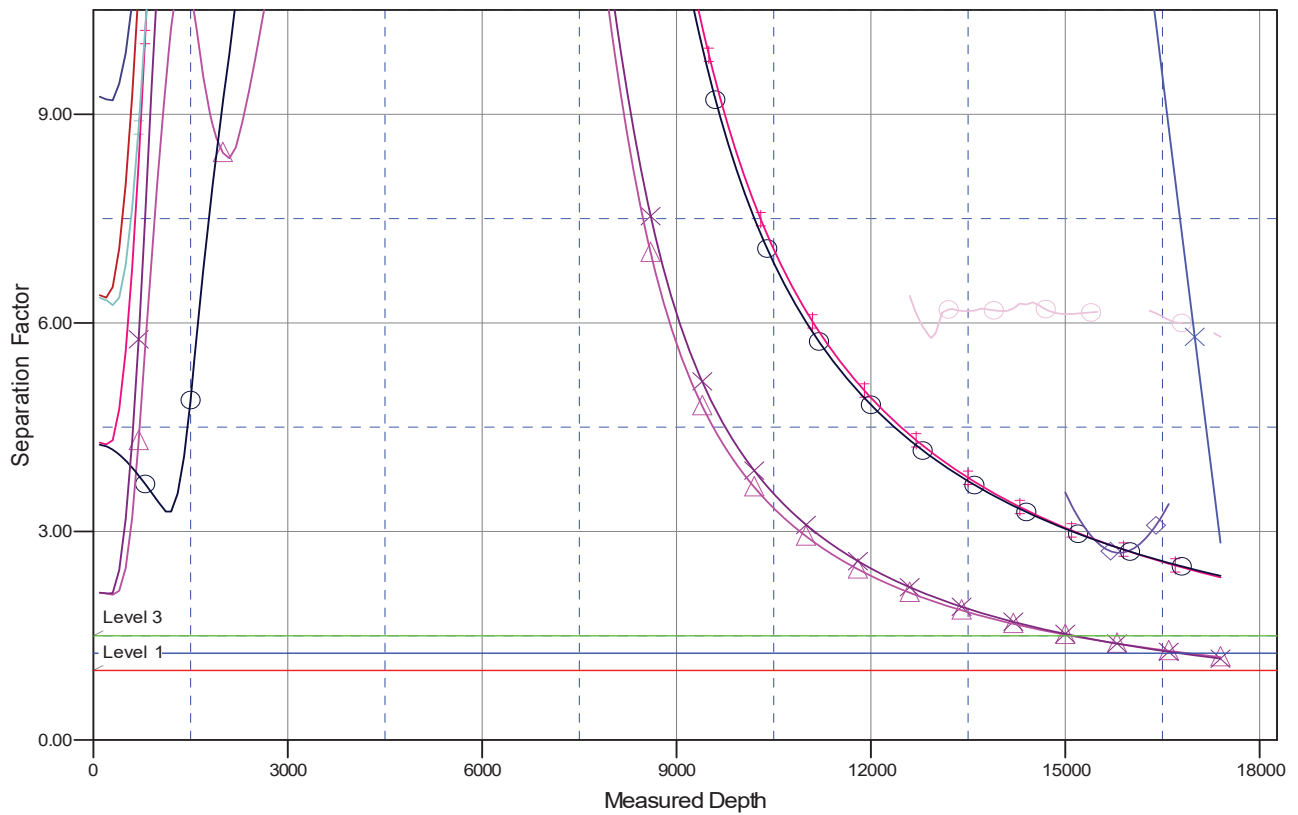
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### Separation Factor Plot



#### LEGEND

BLACKBURN 01N-64W-08-8N, Verdad SI Well, Actual Esmign Directional Surveys V0	WARNER 1708-08H, Plan B, Design #1 V0	WARNER 01N-64W-17-1H, VerdadSI Well, Actual BHI Surveys V0
EAST HUDSON A/HUBBS #1-8, Qasac Petroleum D/A Well, No Surveys V0	WARNER 01N-64W-17-2H, VerdadSI Well, Actual BHI Surveys V0	WARNER 1708-07H, Plan B, Design #1 V0
GRINDE 01-64-05-6457CB, HPR PR Well, Actual Atlas Surveys V0	WARNER 1708-04H, Plan B, Design #1 V0	WARNER 1708-03H, Plan B, Design #1 V0
WARNER 1708-05H, Plan B, Design #1 V0	WARNER 1708-09H, Plan A, Design #1 V0	