

SandRidge Energy

North Park Basin

T7N-R80W-S18

Hebron 0780 8-18H

Wellbore #1

Design #1

Anticollision Summary Report

07 July, 2016

SandRidge Energy

Anticollision Summary Report

| | | | |
|---------------------------|-------------------|-------------------------------------|----------------------------------------|
| Company: | SandRidge Energy | Local Co-ordinate Reference: | Well Hebron 0780 8-18H |
| Project: | North Park Basin | TVD Reference: | WELL @ 8223.8usft (Original Well Elev) |
| Reference Site: | T7N-R80W-S18 | MD Reference: | WELL @ 8223.8usft (Original Well Elev) |
| Site Error: | 0.0 usft | North Reference: | Grid |
| Reference Well: | Hebron 0780 8-18H | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | EDMProd |
| Reference Design: | Design #1 | Offset TVD Reference: | Offset Datum |

| Reference | Design #1 | | | |
|------------------------------|---------------------------------------------------------------------|----------------|-----------------------------------------------------|---------------------|
| Filter type: | NO GLOBAL FILTER: Using user defined selection & filtering criteria | | WARNING: There is hidden tight data in this project | |
| Interpolation Method: | Stations | Error Model: | | ISCWSA |
| Depth Range: | Unlimited | Scan Method: | | Closest Approach 3D |
| Results Limited by: | Maximum center-center distance of 10,000.0 usft | Error Surface: | | Elliptical Conic |
| Warning Levels Evaluated at: | 2.00 Sigma | Casing Method: | | Not applied |

| Survey Tool Program | | Date | 7/7/2016 | | |
|---------------------|--------------|-------------------------|------------|-------------------------------|--|
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description | |
| 0.0 | 11,543.5 | Design #1 (Wellbore #1) | Sperry 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 | | | | | | |
| T7N-R80W-S18 | | | | | | |
| Coalmont 0780 1-13H - Wellbore #1 - Design #1 | 2,800.0 | 2,798.2 | 165.4 | 153.1 | 13.422 | CC, ES |
| Coalmont 0780 1-13H - Wellbore #1 - Design #1 | 11,543.5 | 11,327.6 | 1,978.7 | 1,796.7 | 10.871 | SF |
| Coalmont 0780 2-13H - Wellbore #1 - Design #1 | 2,700.0 | 2,698.2 | 172.3 | 160.4 | 14.513 | CC |
| Coalmont 0780 2-13H - Wellbore #1 - Design #1 | 2,800.0 | 2,797.7 | 172.4 | 160.1 | 14.018 | ES |
| Coalmont 0780 2-13H - Wellbore #1 - Design #1 | 3,000.0 | 2,995.1 | 179.1 | 166.0 | 13.699 | SF |
| Coalmont 0780 4-13H - Wellbore #1 - Design #1 | 2,600.0 | 2,598.2 | 180.1 | 168.7 | 15.771 | CC, ES |
| Coalmont 0780 4-13H - Wellbore #1 - Design #1 | 2,900.0 | 2,889.9 | 187.9 | 175.2 | 14.832 | SF |
| Coalmont 0780 5-13H - Wellbore #1 - Design #1 | 2,500.0 | 2,498.2 | 188.9 | 177.9 | 17.213 | CC, ES |
| Coalmont 0780 5-13H - Wellbore #1 - Design #1 | 2,800.0 | 2,785.9 | 198.2 | 185.9 | 16.189 | SF |
| Hebron 01-18H - Wellbore #1 - Wellbore #1 | 11,543.5 | 6,484.6 | 1,251.1 | 1,160.4 | 13.787 | CC, ES, SF |
| Hebron 0780 10-18H - Wellbore #1 - Design #1 | 2,500.0 | 2,499.8 | 30.0 | 19.1 | 2.737 | CC, ES, SF |
| Hebron 0780 2-18H - Wellbore #1 - Wellbore #1 | 11,429.6 | 6,800.1 | 1,708.9 | 1,605.3 | 16.490 | CC |
| Hebron 0780 2-18H - Wellbore #1 - Wellbore #1 | 11,500.0 | 6,774.1 | 1,710.1 | 1,605.1 | 16.289 | ES |
| Hebron 0780 2-18H - Wellbore #1 - Wellbore #1 | 11,543.5 | 6,759.0 | 1,712.0 | 1,606.2 | 16.179 | SF |
| Hebron 0780 6-18H - Wellbore #1 - Design #1 | 2,800.0 | 2,800.0 | 29.7 | 17.4 | 2.410 | CC, ES, SF |
| Hebron 0780 7-18H - Wellbore #1 - Design #1 | 2,800.0 | 2,800.0 | 14.9 | 2.6 | 1.207 | Level 2, CC, ES, SF |
| Hebron 0780 9-18H - Wellbore #1 - Design #1 | 2,700.0 | 2,700.0 | 15.0 | 3.2 | 1.266 | Level 3, CC, ES, SF |
| Hebron 1-18HR - Wellbore #1 - Wellbore #1 | 11,543.5 | 6,541.0 | 1,061.4 | 956.7 | 10.137 | CC, ES, SF |
| Hebron 5-18H - Wellbore #1 - Wellbore #1 | 9,377.2 | 8,945.5 | 269.1 | 225.1 | 6.118 | CC, ES |
| Hebron 5-18H - Wellbore #1 - Wellbore #1 | 9,900.0 | 8,465.7 | 354.9 | 287.4 | 5.258 | SF |

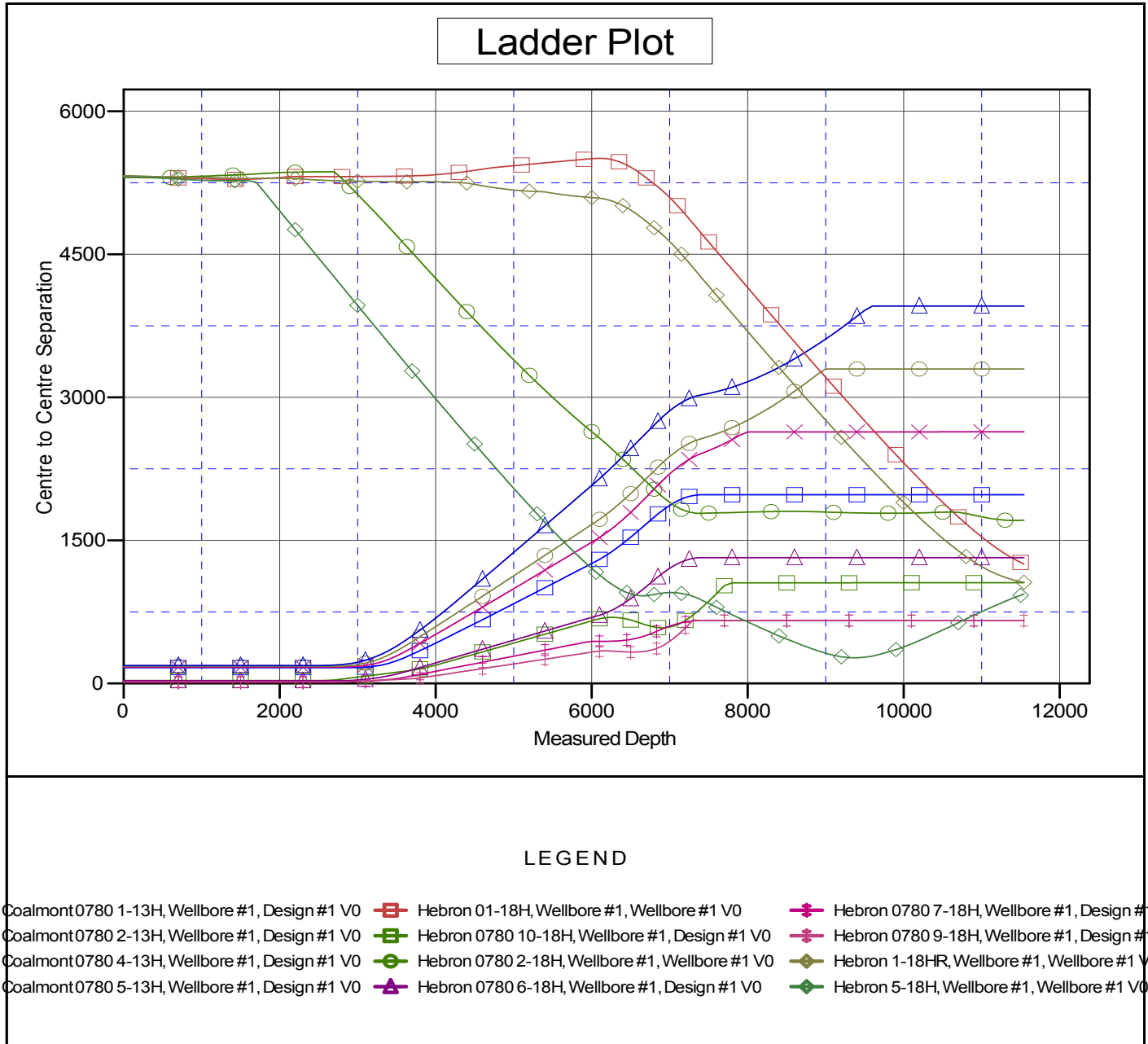
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| Reference Design: | Design #1 | Offset TVD Reference: | Offset Datum |

Reference Depths are relative to WELL @ 8223.8usft (Original Well Ele)
Offset Depths are relative to Offset Datum
Central Meridian is 105° 30' 0.000 W

Coordinates are relative to: Hebron 0780 8-18H
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: -0.60°



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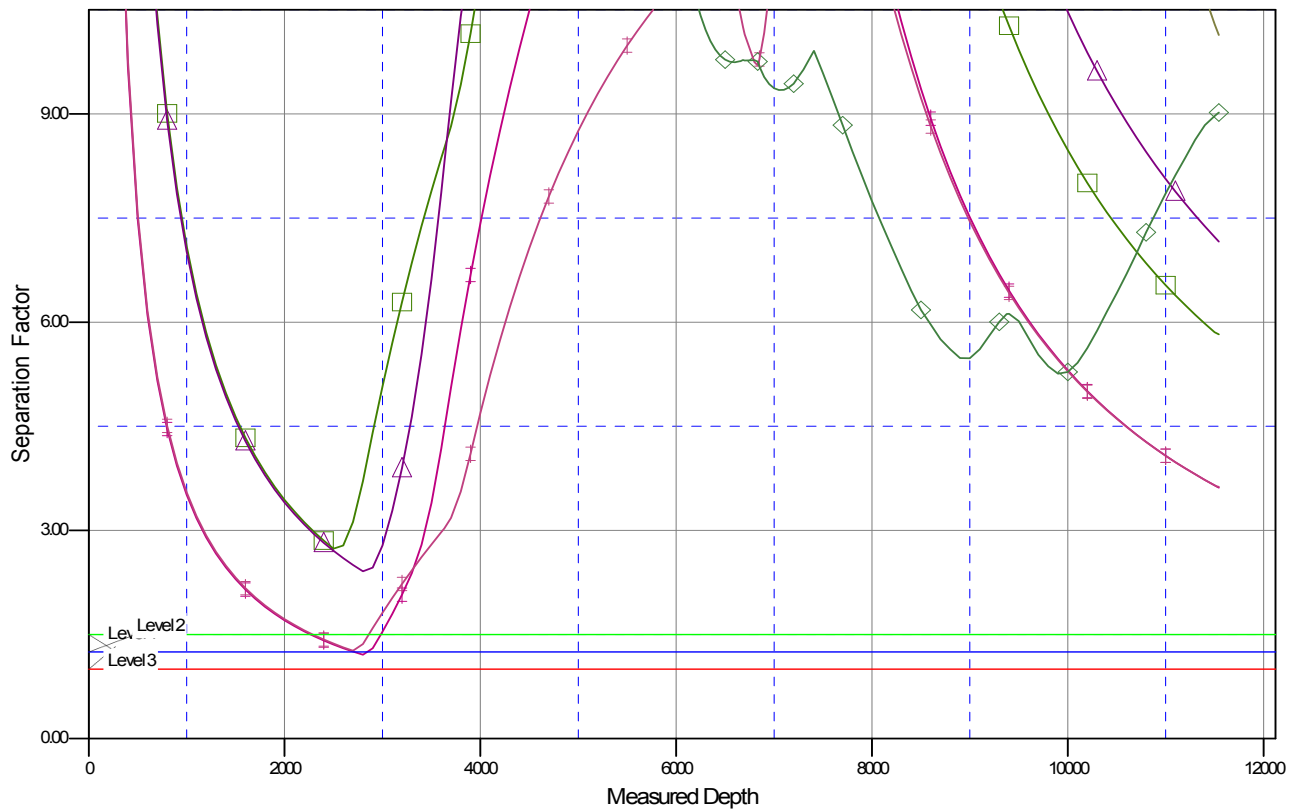
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Separation Factor Plot



LEGEND

- Coalmont 0780 1-13H, Wellbore #1, Design #1 V0
- Coalmont 0780 2-13H, Wellbore #1, Design #1 V0
- Coalmont 0780 4-13H, Wellbore #1, Design #1 V0
- Coalmont 0780 5-13H, Wellbore #1, Design #1 V0
- Hebron 01-18H, Wellbore #1, Design #1 V0
- Hebron 0780 10-18H, Wellbore #1, Design #1 V0
- Hebron 0780 2-18H, Wellbore #1, Design #1 V0
- Hebron 0780 6-18H, Wellbore #1, Design #1 V0
- Hebron 0780 7-18H, Wellbore #1, Design #1 V0
- Hebron 0780 9-18H, Wellbore #1, Design #1 V0
- Hebron 1-18HR, Wellbore #1, Design #1 V0
- Hebron 5-18H, Wellbore #1, Design #1 V0