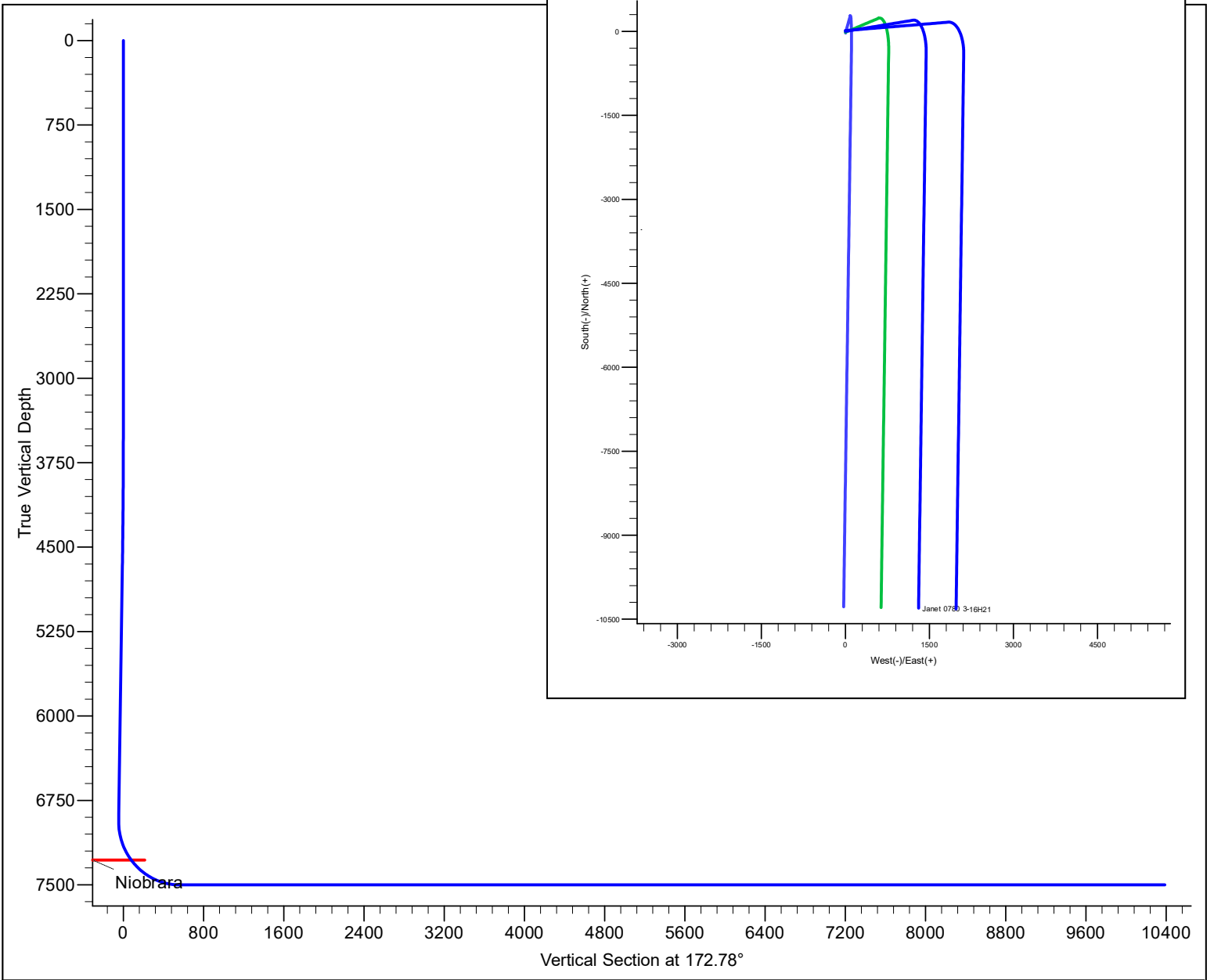


| | | | | | | | | | | | | | |
|---|--------|-------------------|----------------|-----------------------|------------|------------------|------|------------|--|--|--|--|--|
| PROJECT DETAILS: North Park Basin | | | | | | | | | | <div><div><div><div></div><div>G</div><div>T</div><div>M</div></div><div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div></div></div> <div><div>Azimuths to Grid North True North: 0.57° Magnetic North: 10.46° Magnetic Field Strength: 53191.1snT Dip Angle: 66.98° Date: 12/31/2009 Model: IGRF200510</div></div> | | | |
| Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Colorado Northern Zone System Datum: Mean Sea Level | | | | | | | | | | | | | |
| FORMATION TOP DETAILS | | | | | | | | | | | | CASING DETAILS | |
| TVDPPath 7280.0 | | MDPath 7569.1 | | Formation Niobrara | | DipAngle 0.00 | | DipDir | | No casing data is available | | | |
| DESIGN DETAILS: Design #1 | | | | | | | | | | | | Project: North Park Basin Site: T7N-R80W-S9 Well: Janet 0780 3-16H21 Wellbore: Wellbore #1 Design: Design #1 | |
| 0' Vertical Section coordinates | | | | | | | | | | | | | |
| Type TD | Target | Azimuth 172.78 | Origin Slot | Type | N/S 0.0 | E/W 0.0 | From | TVD 0.0 | | | | | |



| | | | | | | | | | | | |
|-----------------|---------|-------|--------|--------|----------|--------|-------|-------|---------|-------------|--|
| SECTION DETAILS | | | | | | | | | | | |
| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | Target | |
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | | |
| 2 | 3500.0 | 0.00 | 0.00 | 3500.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | | |
| 3 | 4666.2 | 23.32 | 80.61 | 4634.3 | 38.2 | 231.0 | 2.00 | 80.61 | -8.8 | | |
| 4 | 7172.5 | 23.32 | 80.61 | 6935.7 | 200.0 | 1210.0 | 0.00 | 0.00 | -46.3 | | |
| 5 | 8112.5 | 90.00 | 180.78 | 7500.0 | -374.8 | 1441.6 | 10.00 | 99.35 | 553.1 | Janet 3 BHL | |
| 6 | 18042.6 | 90.00 | 180.78 | 7500.0 | -10304.0 | 1305.9 | 0.00 | 0.00 | 10386.4 | Janet 3 BHL | |

SandRidge Energy

North Park Basin

T7N-R80W-S9

Janet 0780 3-16H21

Wellbore #1

Plan: Design #1

Standard Survey Report

08 August, 2017

SandRidge Energy

Survey Report

| | | | |
|------------------|--------------------|-------------------------------------|--|
| Company: | SandRidge Energy | Local Co-ordinate Reference: | Well Janet 0780 3-16H21 |
| Project: | North Park Basin | TVD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Site: | T7N-R80W-S9 | MD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Well: | Janet 0780 3-16H21 | North Reference: | Grid |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | EDMProd |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | North Park Basin | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| | | | |
|------------------------------|-------------|--------------------------|-------------------|
| Site | T7N-R80W-S9 | | |
| Site Position: | | Northing: | 1,457,270.18 usft |
| From: | Map | Easting: | 2,753,429.57 usft |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " |
| | | Latitude: | 40° 35' 6.782 N |
| | | Longitude: | 106° 23' 15.932 W |
| | | Grid Convergence: | -0.57 ° |

| | | | |
|-----------------------------|--------------------|----------------------------|-------------------|
| Well | Janet 0780 3-16H21 | | |
| Well Position | +N/-S | 0.0 usft | Northing: |
| | +E/-W | 0.0 usft | Easting: |
| Position Uncertainty | 0.0 usft | Wellhead Elevation: | 0.0 usft |
| | | Latitude: | 40° 35' 3.244 N |
| | | Longitude: | 106° 23' 14.426 W |
| | | Ground Level: | 8,126.0 usft |

| | | | |
|------------------|-------------------|--------------------|-----------------------|
| Wellbore | Wellbore #1 | | |
| Magnetics | Model Name | Sample Date | Declination |
| | | | (°) |
| | IGRF200510 | 12/31/2009 | 9.88 |
| | | | Dip Angle |
| | | | (°) |
| | | | 66.98 |
| | | | Field Strength |
| | | | (nT) |
| | | | 53,191 |

| | | | |
|--------------------------|-------------------------|--------------|----------------------|
| Design | Design #1 | | |
| Audit Notes: | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: |
| | | | 0.0 |
| Vertical Section: | Depth From (TVD) | +N/-S | +E/-W |
| | (usft) | (usft) | (usft) |
| | 0.0 | 0.0 | 0.0 |
| | | | Direction |
| | | | (°) |
| | | | 172.78 |

| | | | | |
|----------------------------|-------------|--------------------------|------------------|-------------------------------|
| Survey Tool Program | Date | 8/8/2017 | | |
| From | To | Survey (Wellbore) | Tool Name | Description |
| (usft) | (usft) | | | |
| 0.0 | 18,042.0 | Design #1 (Wellbore #1) | Sperry MWD | Fixed:v2:standard declination |

| | | | | | | | | | |
|-----------------------|--------------------|----------------|-----------------|---------------|---------------|-----------------|--------------------|--------------------|--------------------|
| Planned Survey | | | | | | | | | |
| Measured | Inclination | Azimuth | Vertical | +N/-S | +E/-W | Vertical | Dogleg | Build | Turn |
| Depth | (°) | (°) | Depth | (usft) | (usft) | Section | Rate | Rate | Rate |
| (usft) | | | (usft) | | | (usft) | (°/100usft) | (°/100usft) | (°/100usft) |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 600.0 | 0.00 | 0.00 | 600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 700.0 | 0.00 | 0.00 | 700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 800.0 | 0.00 | 0.00 | 800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 900.0 | 0.00 | 0.00 | 900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |

SandRidge Energy

Survey Report

| | | | |
|------------------|--------------------|-------------------------------------|--|
| Company: | SandRidge Energy | Local Co-ordinate Reference: | Well Janet 0780 3-16H21 |
| Project: | North Park Basin | TVD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Site: | T7N-R80W-S9 | MD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Well: | Janet 0780 3-16H21 | North Reference: | Grid |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | EDMProd |

Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 1,000.0 | 0.00 | 0.00 | 1,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 0.00 | 0.00 | 1,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 0.00 | 0.00 | 1,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 0.00 | 0.00 | 1,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 0.00 | 0.00 | 1,400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 0.00 | 0.00 | 1,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 0.00 | 0.00 | 1,600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 0.00 | 0.00 | 1,700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 0.00 | 0.00 | 1,800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 0.00 | 0.00 | 1,900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 0.00 | 0.00 | 2,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 0.00 | 0.00 | 2,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 0.00 | 0.00 | 2,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 0.00 | 0.00 | 2,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 0.00 | 0.00 | 2,400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 0.00 | 0.00 | 2,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 0.00 | 0.00 | 2,600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 0.00 | 0.00 | 2,700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 0.00 | 0.00 | 2,800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 0.00 | 0.00 | 2,900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 0.00 | 0.00 | 3,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 0.00 | 0.00 | 3,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 0.00 | 0.00 | 3,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 0.00 | 0.00 | 3,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 0.00 | 0.00 | 3,400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 0.00 | 0.00 | 3,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Start Build 2.00 | | | | | | | | | |
| 3,600.0 | 2.00 | 80.61 | 3,600.0 | 0.3 | 1.7 | -0.1 | 2.00 | 2.00 | 0.00 |
| 3,700.0 | 4.00 | 80.61 | 3,699.8 | 1.1 | 6.9 | -0.3 | 2.00 | 2.00 | 0.00 |
| 3,800.0 | 6.00 | 80.61 | 3,799.5 | 2.6 | 15.5 | -0.6 | 2.00 | 2.00 | 0.00 |
| 3,900.0 | 8.00 | 80.61 | 3,898.7 | 4.5 | 27.5 | -1.1 | 2.00 | 2.00 | 0.00 |
| 4,000.0 | 10.00 | 80.61 | 3,997.5 | 7.1 | 42.9 | -1.6 | 2.00 | 2.00 | 0.00 |
| 4,100.0 | 12.00 | 80.61 | 4,095.6 | 10.2 | 61.8 | -2.4 | 2.00 | 2.00 | 0.00 |
| 4,200.0 | 14.00 | 80.61 | 4,193.1 | 13.9 | 84.0 | -3.2 | 2.00 | 2.00 | 0.00 |
| 4,300.0 | 16.00 | 80.61 | 4,289.6 | 18.1 | 109.5 | -4.2 | 2.00 | 2.00 | 0.00 |
| 4,400.0 | 18.00 | 80.61 | 4,385.3 | 22.9 | 138.3 | -5.3 | 2.00 | 2.00 | 0.00 |
| 4,500.0 | 20.00 | 80.61 | 4,479.8 | 28.2 | 170.5 | -6.5 | 2.00 | 2.00 | 0.00 |
| 4,600.0 | 22.00 | 80.61 | 4,573.2 | 34.0 | 205.8 | -7.9 | 2.00 | 2.00 | 0.00 |
| 4,666.2 | 23.32 | 80.61 | 4,634.3 | 38.2 | 231.0 | -8.8 | 2.00 | 2.00 | 0.00 |
| Start 2506.2 hold at 4666.2 MD | | | | | | | | | |
| 4,700.0 | 23.32 | 80.61 | 4,665.3 | 40.4 | 244.2 | -9.3 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 23.32 | 80.61 | 4,757.1 | 46.8 | 283.2 | -10.8 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 23.32 | 80.61 | 4,849.0 | 53.3 | 322.3 | -12.3 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 23.32 | 80.61 | 4,940.8 | 59.7 | 361.4 | -13.8 | 0.00 | 0.00 | 0.00 |

SandRidge Energy

Survey Report

| | | | |
|------------------|--------------------|-------------------------------------|--|
| Company: | SandRidge Energy | Local Co-ordinate Reference: | Well Janet 0780 3-16H21 |
| Project: | North Park Basin | TVD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Site: | T7N-R80W-S9 | MD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Well: | Janet 0780 3-16H21 | North Reference: | Grid |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | EDMPProd |

Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 5,100.0 | 23.32 | 80.61 | 5,032.6 | 66.2 | 400.4 | -15.3 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 23.32 | 80.61 | 5,124.4 | 72.6 | 439.5 | -16.8 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 23.32 | 80.61 | 5,216.3 | 79.1 | 478.6 | -18.3 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 23.32 | 80.61 | 5,308.1 | 85.6 | 517.6 | -19.8 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 23.32 | 80.61 | 5,399.9 | 92.0 | 556.7 | -21.3 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 23.32 | 80.61 | 5,491.7 | 98.5 | 595.7 | -22.8 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 23.32 | 80.61 | 5,583.6 | 104.9 | 634.8 | -24.3 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 23.32 | 80.61 | 5,675.4 | 111.4 | 673.9 | -25.8 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 23.32 | 80.61 | 5,767.2 | 117.8 | 712.9 | -27.3 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 23.32 | 80.61 | 5,859.1 | 124.3 | 752.0 | -28.8 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 23.32 | 80.61 | 5,950.9 | 130.8 | 791.1 | -30.3 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 23.32 | 80.61 | 6,042.7 | 137.2 | 830.1 | -31.7 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 23.32 | 80.61 | 6,134.5 | 143.7 | 869.2 | -33.2 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 23.32 | 80.61 | 6,226.4 | 150.1 | 908.3 | -34.7 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 23.32 | 80.61 | 6,318.2 | 156.6 | 947.3 | -36.2 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 23.32 | 80.61 | 6,410.0 | 163.0 | 986.4 | -37.7 | 0.00 | 0.00 | 0.00 |
| 6,700.0 | 23.32 | 80.61 | 6,501.9 | 169.5 | 1,025.4 | -39.2 | 0.00 | 0.00 | 0.00 |
| 6,800.0 | 23.32 | 80.61 | 6,593.7 | 176.0 | 1,064.5 | -40.7 | 0.00 | 0.00 | 0.00 |
| 6,900.0 | 23.32 | 80.61 | 6,685.5 | 182.4 | 1,103.6 | -42.2 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 23.32 | 80.61 | 6,777.3 | 188.9 | 1,142.6 | -43.7 | 0.00 | 0.00 | 0.00 |
| 7,100.0 | 23.32 | 80.61 | 6,869.2 | 195.3 | 1,181.7 | -45.2 | 0.00 | 0.00 | 0.00 |
| 7,172.5 | 23.32 | 80.61 | 6,935.7 | 200.0 | 1,210.0 | -46.3 | 0.00 | 0.00 | 0.00 |
| Start DLS 10.00 TFO 99.35 | | | | | | | | | |
| 7,200.0 | 23.03 | 87.58 | 6,961.0 | 201.1 | 1,220.8 | -46.0 | 10.00 | -1.07 | 25.28 |
| 7,300.0 | 24.52 | 112.28 | 7,052.8 | 194.1 | 1,259.6 | -34.1 | 10.00 | 1.49 | 24.70 |
| 7,400.0 | 29.34 | 131.76 | 7,142.1 | 169.8 | 1,297.2 | -5.4 | 10.00 | 4.82 | 19.49 |
| 7,500.0 | 36.19 | 145.32 | 7,226.2 | 129.1 | 1,332.3 | 39.4 | 10.00 | 6.84 | 13.56 |
| 7,569.1 | 41.58 | 152.21 | 7,280.0 | 92.0 | 1,354.7 | 79.0 | 10.00 | 7.81 | 9.97 |
| Niobrara | | | | | | | | | |
| 7,600.0 | 44.11 | 154.82 | 7,302.7 | 73.2 | 1,364.0 | 98.9 | 10.00 | 8.18 | 8.45 |
| 7,700.0 | 52.63 | 161.87 | 7,369.1 | 3.8 | 1,391.3 | 171.2 | 10.00 | 8.51 | 7.04 |
| 7,800.0 | 61.47 | 167.44 | 7,423.5 | -77.1 | 1,413.2 | 254.2 | 10.00 | 8.84 | 5.58 |
| 7,900.0 | 70.51 | 172.14 | 7,464.1 | -166.9 | 1,429.3 | 345.3 | 10.00 | 9.04 | 4.70 |
| 8,000.0 | 79.65 | 176.34 | 7,489.9 | -262.9 | 1,438.9 | 441.7 | 10.00 | 9.14 | 4.20 |
| 8,100.0 | 88.85 | 180.29 | 7,499.9 | -362.2 | 1,441.8 | 540.6 | 10.00 | 9.20 | 3.96 |
| 8,112.5 | 90.00 | 180.78 | 7,500.0 | -374.8 | 1,441.6 | 553.1 | 10.00 | 9.21 | 3.91 |
| Start 9930.1 hold at 8112.5 MD | | | | | | | | | |
| 8,200.0 | 90.00 | 180.78 | 7,500.0 | -462.2 | 1,440.5 | 639.7 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 90.00 | 180.78 | 7,500.0 | -562.2 | 1,439.1 | 738.7 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 90.00 | 180.78 | 7,500.0 | -662.2 | 1,437.7 | 837.7 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 90.00 | 180.78 | 7,500.0 | -762.2 | 1,436.4 | 936.8 | 0.00 | 0.00 | 0.00 |
| 8,600.0 | 90.00 | 180.78 | 7,500.0 | -862.2 | 1,435.0 | 1,035.8 | 0.00 | 0.00 | 0.00 |
| 8,700.0 | 90.00 | 180.78 | 7,500.0 | -962.2 | 1,433.6 | 1,134.8 | 0.00 | 0.00 | 0.00 |
| 8,800.0 | 90.00 | 180.78 | 7,500.0 | -1,062.2 | 1,432.3 | 1,233.8 | 0.00 | 0.00 | 0.00 |

SandRidge Energy

Survey Report

| | | | |
|------------------|--------------------|-------------------------------------|--|
| Company: | SandRidge Energy | Local Co-ordinate Reference: | Well Janet 0780 3-16H21 |
| Project: | North Park Basin | TVD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Site: | T7N-R80W-S9 | MD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Well: | Janet 0780 3-16H21 | North Reference: | Grid |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | EDMProd |

Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 8,900.0 | 90.00 | 180.78 | 7,500.0 | -1,162.2 | 1,430.9 | 1,332.9 | 0.00 | 0.00 | 0.00 |
| 9,000.0 | 90.00 | 180.78 | 7,500.0 | -1,262.2 | 1,429.5 | 1,431.9 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 90.00 | 180.78 | 7,500.0 | -1,362.1 | 1,428.2 | 1,530.9 | 0.00 | 0.00 | 0.00 |
| 9,200.0 | 90.00 | 180.78 | 7,500.0 | -1,462.1 | 1,426.8 | 1,629.9 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 90.00 | 180.78 | 7,500.0 | -1,562.1 | 1,425.4 | 1,729.0 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 90.00 | 180.78 | 7,500.0 | -1,662.1 | 1,424.1 | 1,828.0 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 90.00 | 180.78 | 7,500.0 | -1,762.1 | 1,422.7 | 1,927.0 | 0.00 | 0.00 | 0.00 |
| 9,600.0 | 90.00 | 180.78 | 7,500.0 | -1,862.1 | 1,421.3 | 2,026.0 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 90.00 | 180.78 | 7,500.0 | -1,962.1 | 1,420.0 | 2,125.1 | 0.00 | 0.00 | 0.00 |
| 9,800.0 | 90.00 | 180.78 | 7,500.0 | -2,062.1 | 1,418.6 | 2,224.1 | 0.00 | 0.00 | 0.00 |
| 9,900.0 | 90.00 | 180.78 | 7,500.0 | -2,162.1 | 1,417.2 | 2,323.1 | 0.00 | 0.00 | 0.00 |
| 10,000.0 | 90.00 | 180.78 | 7,500.0 | -2,262.1 | 1,415.9 | 2,422.1 | 0.00 | 0.00 | 0.00 |
| 10,100.0 | 90.00 | 180.78 | 7,500.0 | -2,362.1 | 1,414.5 | 2,521.2 | 0.00 | 0.00 | 0.00 |
| 10,200.0 | 90.00 | 180.78 | 7,500.0 | -2,462.0 | 1,413.1 | 2,620.2 | 0.00 | 0.00 | 0.00 |
| 10,300.0 | 90.00 | 180.78 | 7,500.0 | -2,562.0 | 1,411.8 | 2,719.2 | 0.00 | 0.00 | 0.00 |
| 10,400.0 | 90.00 | 180.78 | 7,500.0 | -2,662.0 | 1,410.4 | 2,818.2 | 0.00 | 0.00 | 0.00 |
| 10,500.0 | 90.00 | 180.78 | 7,500.0 | -2,762.0 | 1,409.0 | 2,917.3 | 0.00 | 0.00 | 0.00 |
| 10,600.0 | 90.00 | 180.78 | 7,500.0 | -2,862.0 | 1,407.7 | 3,016.3 | 0.00 | 0.00 | 0.00 |
| 10,700.0 | 90.00 | 180.78 | 7,500.0 | -2,962.0 | 1,406.3 | 3,115.3 | 0.00 | 0.00 | 0.00 |
| 10,800.0 | 90.00 | 180.78 | 7,500.0 | -3,062.0 | 1,404.9 | 3,214.3 | 0.00 | 0.00 | 0.00 |
| 10,900.0 | 90.00 | 180.78 | 7,500.0 | -3,162.0 | 1,403.6 | 3,313.4 | 0.00 | 0.00 | 0.00 |
| 11,000.0 | 90.00 | 180.78 | 7,500.0 | -3,262.0 | 1,402.2 | 3,412.4 | 0.00 | 0.00 | 0.00 |
| 11,100.0 | 90.00 | 180.78 | 7,500.0 | -3,362.0 | 1,400.8 | 3,511.4 | 0.00 | 0.00 | 0.00 |
| 11,200.0 | 90.00 | 180.78 | 7,500.0 | -3,461.9 | 1,399.5 | 3,610.4 | 0.00 | 0.00 | 0.00 |
| 11,300.0 | 90.00 | 180.78 | 7,500.0 | -3,561.9 | 1,398.1 | 3,709.5 | 0.00 | 0.00 | 0.00 |
| 11,400.0 | 90.00 | 180.78 | 7,500.0 | -3,661.9 | 1,396.7 | 3,808.5 | 0.00 | 0.00 | 0.00 |
| 11,500.0 | 90.00 | 180.78 | 7,500.0 | -3,761.9 | 1,395.4 | 3,907.5 | 0.00 | 0.00 | 0.00 |
| 11,600.0 | 90.00 | 180.78 | 7,500.0 | -3,861.9 | 1,394.0 | 4,006.5 | 0.00 | 0.00 | 0.00 |
| 11,700.0 | 90.00 | 180.78 | 7,500.0 | -3,961.9 | 1,392.6 | 4,105.6 | 0.00 | 0.00 | 0.00 |
| 11,800.0 | 90.00 | 180.78 | 7,500.0 | -4,061.9 | 1,391.3 | 4,204.6 | 0.00 | 0.00 | 0.00 |
| 11,900.0 | 90.00 | 180.78 | 7,500.0 | -4,161.9 | 1,389.9 | 4,303.6 | 0.00 | 0.00 | 0.00 |
| 12,000.0 | 90.00 | 180.78 | 7,500.0 | -4,261.9 | 1,388.5 | 4,402.6 | 0.00 | 0.00 | 0.00 |
| 12,100.0 | 90.00 | 180.78 | 7,500.0 | -4,361.9 | 1,387.2 | 4,501.7 | 0.00 | 0.00 | 0.00 |
| 12,200.0 | 90.00 | 180.78 | 7,500.0 | -4,461.9 | 1,385.8 | 4,600.7 | 0.00 | 0.00 | 0.00 |
| 12,300.0 | 90.00 | 180.78 | 7,500.0 | -4,561.8 | 1,384.4 | 4,699.7 | 0.00 | 0.00 | 0.00 |
| 12,400.0 | 90.00 | 180.78 | 7,500.0 | -4,661.8 | 1,383.1 | 4,798.7 | 0.00 | 0.00 | 0.00 |
| 12,500.0 | 90.00 | 180.78 | 7,500.0 | -4,761.8 | 1,381.7 | 4,897.8 | 0.00 | 0.00 | 0.00 |
| 12,600.0 | 90.00 | 180.78 | 7,500.0 | -4,861.8 | 1,380.3 | 4,996.8 | 0.00 | 0.00 | 0.00 |
| 12,700.0 | 90.00 | 180.78 | 7,500.0 | -4,961.8 | 1,379.0 | 5,095.8 | 0.00 | 0.00 | 0.00 |
| 12,800.0 | 90.00 | 180.78 | 7,500.0 | -5,061.8 | 1,377.6 | 5,194.8 | 0.00 | 0.00 | 0.00 |
| 12,900.0 | 90.00 | 180.78 | 7,500.0 | -5,161.8 | 1,376.2 | 5,293.9 | 0.00 | 0.00 | 0.00 |
| 13,000.0 | 90.00 | 180.78 | 7,500.0 | -5,261.8 | 1,374.9 | 5,392.9 | 0.00 | 0.00 | 0.00 |
| 13,100.0 | 90.00 | 180.78 | 7,500.0 | -5,361.8 | 1,373.5 | 5,491.9 | 0.00 | 0.00 | 0.00 |

SandRidge Energy

Survey Report

| | | | |
|------------------|--------------------|-------------------------------------|--|
| Company: | SandRidge Energy | Local Co-ordinate Reference: | Well Janet 0780 3-16H21 |
| Project: | North Park Basin | TVD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Site: | T7N-R80W-S9 | MD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Well: | Janet 0780 3-16H21 | North Reference: | Grid |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | EDMProd |

Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 13,200.0 | 90.00 | 180.78 | 7,500.0 | -5,461.8 | 1,372.1 | 5,590.9 | 0.00 | 0.00 | 0.00 |
| 13,300.0 | 90.00 | 180.78 | 7,500.0 | -5,561.8 | 1,370.8 | 5,690.0 | 0.00 | 0.00 | 0.00 |
| 13,400.0 | 90.00 | 180.78 | 7,500.0 | -5,661.7 | 1,369.4 | 5,789.0 | 0.00 | 0.00 | 0.00 |
| 13,500.0 | 90.00 | 180.78 | 7,500.0 | -5,761.7 | 1,368.0 | 5,888.0 | 0.00 | 0.00 | 0.00 |
| 13,600.0 | 90.00 | 180.78 | 7,500.0 | -5,861.7 | 1,366.7 | 5,987.0 | 0.00 | 0.00 | 0.00 |
| 13,700.0 | 90.00 | 180.78 | 7,500.0 | -5,961.7 | 1,365.3 | 6,086.1 | 0.00 | 0.00 | 0.00 |
| 13,800.0 | 90.00 | 180.78 | 7,500.0 | -6,061.7 | 1,363.9 | 6,185.1 | 0.00 | 0.00 | 0.00 |
| 13,900.0 | 90.00 | 180.78 | 7,500.0 | -6,161.7 | 1,362.6 | 6,284.1 | 0.00 | 0.00 | 0.00 |
| 14,000.0 | 90.00 | 180.78 | 7,500.0 | -6,261.7 | 1,361.2 | 6,383.1 | 0.00 | 0.00 | 0.00 |
| 14,100.0 | 90.00 | 180.78 | 7,500.0 | -6,361.7 | 1,359.8 | 6,482.2 | 0.00 | 0.00 | 0.00 |
| 14,200.0 | 90.00 | 180.78 | 7,500.0 | -6,461.7 | 1,358.5 | 6,581.2 | 0.00 | 0.00 | 0.00 |
| 14,300.0 | 90.00 | 180.78 | 7,500.0 | -6,561.7 | 1,357.1 | 6,680.2 | 0.00 | 0.00 | 0.00 |
| 14,400.0 | 90.00 | 180.78 | 7,500.0 | -6,661.7 | 1,355.7 | 6,779.2 | 0.00 | 0.00 | 0.00 |
| 14,500.0 | 90.00 | 180.78 | 7,500.0 | -6,761.6 | 1,354.4 | 6,878.3 | 0.00 | 0.00 | 0.00 |
| 14,600.0 | 90.00 | 180.78 | 7,500.0 | -6,861.6 | 1,353.0 | 6,977.3 | 0.00 | 0.00 | 0.00 |
| 14,700.0 | 90.00 | 180.78 | 7,500.0 | -6,961.6 | 1,351.6 | 7,076.3 | 0.00 | 0.00 | 0.00 |
| 14,800.0 | 90.00 | 180.78 | 7,500.0 | -7,061.6 | 1,350.3 | 7,175.3 | 0.00 | 0.00 | 0.00 |
| 14,900.0 | 90.00 | 180.78 | 7,500.0 | -7,161.6 | 1,348.9 | 7,274.4 | 0.00 | 0.00 | 0.00 |
| 15,000.0 | 90.00 | 180.78 | 7,500.0 | -7,261.6 | 1,347.5 | 7,373.4 | 0.00 | 0.00 | 0.00 |
| 15,100.0 | 90.00 | 180.78 | 7,500.0 | -7,361.6 | 1,346.2 | 7,472.4 | 0.00 | 0.00 | 0.00 |
| 15,200.0 | 90.00 | 180.78 | 7,500.0 | -7,461.6 | 1,344.8 | 7,571.4 | 0.00 | 0.00 | 0.00 |
| 15,300.0 | 90.00 | 180.78 | 7,500.0 | -7,561.6 | 1,343.4 | 7,670.5 | 0.00 | 0.00 | 0.00 |
| 15,400.0 | 90.00 | 180.78 | 7,500.0 | -7,661.6 | 1,342.1 | 7,769.5 | 0.00 | 0.00 | 0.00 |
| 15,500.0 | 90.00 | 180.78 | 7,500.0 | -7,761.5 | 1,340.7 | 7,868.5 | 0.00 | 0.00 | 0.00 |
| 15,600.0 | 90.00 | 180.78 | 7,500.0 | -7,861.5 | 1,339.3 | 7,967.5 | 0.00 | 0.00 | 0.00 |
| 15,700.0 | 90.00 | 180.78 | 7,500.0 | -7,961.5 | 1,338.0 | 8,066.6 | 0.00 | 0.00 | 0.00 |
| 15,800.0 | 90.00 | 180.78 | 7,500.0 | -8,061.5 | 1,336.6 | 8,165.6 | 0.00 | 0.00 | 0.00 |
| 15,900.0 | 90.00 | 180.78 | 7,500.0 | -8,161.5 | 1,335.2 | 8,264.6 | 0.00 | 0.00 | 0.00 |
| 16,000.0 | 90.00 | 180.78 | 7,500.0 | -8,261.5 | 1,333.9 | 8,363.6 | 0.00 | 0.00 | 0.00 |
| 16,100.0 | 90.00 | 180.78 | 7,500.0 | -8,361.5 | 1,332.5 | 8,462.7 | 0.00 | 0.00 | 0.00 |
| 16,200.0 | 90.00 | 180.78 | 7,500.0 | -8,461.5 | 1,331.1 | 8,561.7 | 0.00 | 0.00 | 0.00 |
| 16,300.0 | 90.00 | 180.78 | 7,500.0 | -8,561.5 | 1,329.8 | 8,660.7 | 0.00 | 0.00 | 0.00 |
| 16,400.0 | 90.00 | 180.78 | 7,500.0 | -8,661.5 | 1,328.4 | 8,759.8 | 0.00 | 0.00 | 0.00 |
| 16,500.0 | 90.00 | 180.78 | 7,500.0 | -8,761.5 | 1,327.0 | 8,858.8 | 0.00 | 0.00 | 0.00 |
| 16,600.0 | 90.00 | 180.78 | 7,500.0 | -8,861.4 | 1,325.7 | 8,957.8 | 0.00 | 0.00 | 0.00 |
| 16,700.0 | 90.00 | 180.78 | 7,500.0 | -8,961.4 | 1,324.3 | 9,056.8 | 0.00 | 0.00 | 0.00 |
| 16,800.0 | 90.00 | 180.78 | 7,500.0 | -9,061.4 | 1,322.9 | 9,155.9 | 0.00 | 0.00 | 0.00 |
| 16,900.0 | 90.00 | 180.78 | 7,500.0 | -9,161.4 | 1,321.6 | 9,254.9 | 0.00 | 0.00 | 0.00 |
| 17,000.0 | 90.00 | 180.78 | 7,500.0 | -9,261.4 | 1,320.2 | 9,353.9 | 0.00 | 0.00 | 0.00 |
| 17,100.0 | 90.00 | 180.78 | 7,500.0 | -9,361.4 | 1,318.8 | 9,452.9 | 0.00 | 0.00 | 0.00 |
| 17,200.0 | 90.00 | 180.78 | 7,500.0 | -9,461.4 | 1,317.5 | 9,552.0 | 0.00 | 0.00 | 0.00 |
| 17,300.0 | 90.00 | 180.78 | 7,500.0 | -9,561.4 | 1,316.1 | 9,651.0 | 0.00 | 0.00 | 0.00 |
| 17,400.0 | 90.00 | 180.78 | 7,500.0 | -9,661.4 | 1,314.7 | 9,750.0 | 0.00 | 0.00 | 0.00 |
| 17,500.0 | 90.00 | 180.78 | 7,500.0 | -9,761.4 | 1,313.4 | 9,849.0 | 0.00 | 0.00 | 0.00 |

SandRidge Energy

Survey Report

| | | | |
|------------------|--------------------|-------------------------------------|--|
| Company: | SandRidge Energy | Local Co-ordinate Reference: | Well Janet 0780 3-16H21 |
| Project: | North Park Basin | TVD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Site: | T7N-R80W-S9 | MD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Well: | Janet 0780 3-16H21 | North Reference: | Grid |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | EDMProd |

Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 17,600.0 | 90.00 | 180.78 | 7,500.0 | -9,861.4 | 1,312.0 | 9,948.1 | 0.00 | 0.00 | 0.00 |
| 17,700.0 | 90.00 | 180.78 | 7,500.0 | -9,961.3 | 1,310.6 | 10,047.1 | 0.00 | 0.00 | 0.00 |
| 17,800.0 | 90.00 | 180.78 | 7,500.0 | -10,061.3 | 1,309.3 | 10,146.1 | 0.00 | 0.00 | 0.00 |
| 17,900.0 | 90.00 | 180.78 | 7,500.0 | -10,161.3 | 1,307.9 | 10,245.1 | 0.00 | 0.00 | 0.00 |
| 18,000.0 | 90.00 | 180.78 | 7,500.0 | -10,261.3 | 1,306.5 | 10,344.2 | 0.00 | 0.00 | 0.00 |
| 18,042.6 | 90.00 | 180.78 | 7,500.0 | -10,303.9 | 1,305.9 | 10,386.4 | 0.00 | 0.00 | 0.00 |
| TD at 18042.6 | | | | | | | | | |

Design Targets

| Target Name - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------------|-------------------|
| Janet 3 BHL - plan hits target center - Point | 0.00 | 0.00 | 7,500.0 | -10,303.9 | 1,305.9 | 1,446,607.03 | 2,754,848.13 | 40° 33' 21.558 N | 106° 22' 56.172 W |

Formations

| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------|-----------------------|----------|-----------|---------|-------------------|
| 7,569.1 | 7,280.0 | Niobrara | | 0.00 | |

Plan Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------|-----------------------|-------------------|--------------|--------------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 3500 | 3500 | 0 | 0 | Start Build 2.00 |
| 4666 | 4634 | 38 | 231 | Start 2506.2 hold at 4666.2 MD |
| 7172 | 6936 | 200 | 1210 | Start DLS 10.00 TFO 99.35 |
| 8113 | 7500 | -375 | 1442 | Start 9930.1 hold at 8112.5 MD |
| 18,043 | 7500 | -10,304 | 1306 | TD at 18042.6 |

Checked By: _____ Approved By: _____ Date: _____

SandRidge Energy

North Park Basin

T7N-R80W-S9

Janet 0780 3-16H21

Wellbore #1

Design #1

Anticollision Summary Report

08 August, 2017

SandRidge Energy

Anticollision Summary Report

| | | | |
|---------------------------|--------------------|-------------------------------------|--|
| Company: | SandRidge Energy | Local Co-ordinate Reference: | Well Janet 0780 3-16H21 |
| Project: | North Park Basin | TVD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Reference Site: | T7N-R80W-S9 | MD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Site Error: | 0.0 usft | North Reference: | Grid |
| Reference Well: | Janet 0780 3-16H21 | 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 | 8/8/2017 | | |
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description |
| 0.0 | 18,042.0 | 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-S9 | | | | | | |
| Janet 0780 1-16H21 - Wellbore #1 - Design #1 | 3,500.0 | 3,500.0 | 30.0 | 14.5 | 1.941 | Level 4, CC |
| Janet 0780 1-16H21 - Wellbore #1 - Design #1 | 3,600.0 | 3,600.0 | 30.2 | 14.3 | 1.900 | Level 4, ES, SF |
| Janet 0780 2-16H21 - Wellbore #1 - Design #1 | 3,500.0 | 3,500.0 | 15.0 | -0.5 | 0.971 | Level 1, CC |
| Janet 0780 2-16H21 - Wellbore #1 - Design #1 | 3,600.0 | 3,600.0 | 15.2 | -0.6 | 0.959 | Level 1, ES, SF |
| Janet 0780 4-16H21 - Wellbore #1 - Design #1 | 2,800.0 | 2,800.0 | 15.0 | 2.7 | 1.219 | Level 2, CC |
| Janet 0780 4-16H21 - Wellbore #1 - Design #1 | 2,900.0 | 2,900.0 | 15.1 | 2.4 | 1.185 | Level 2, ES, SF |

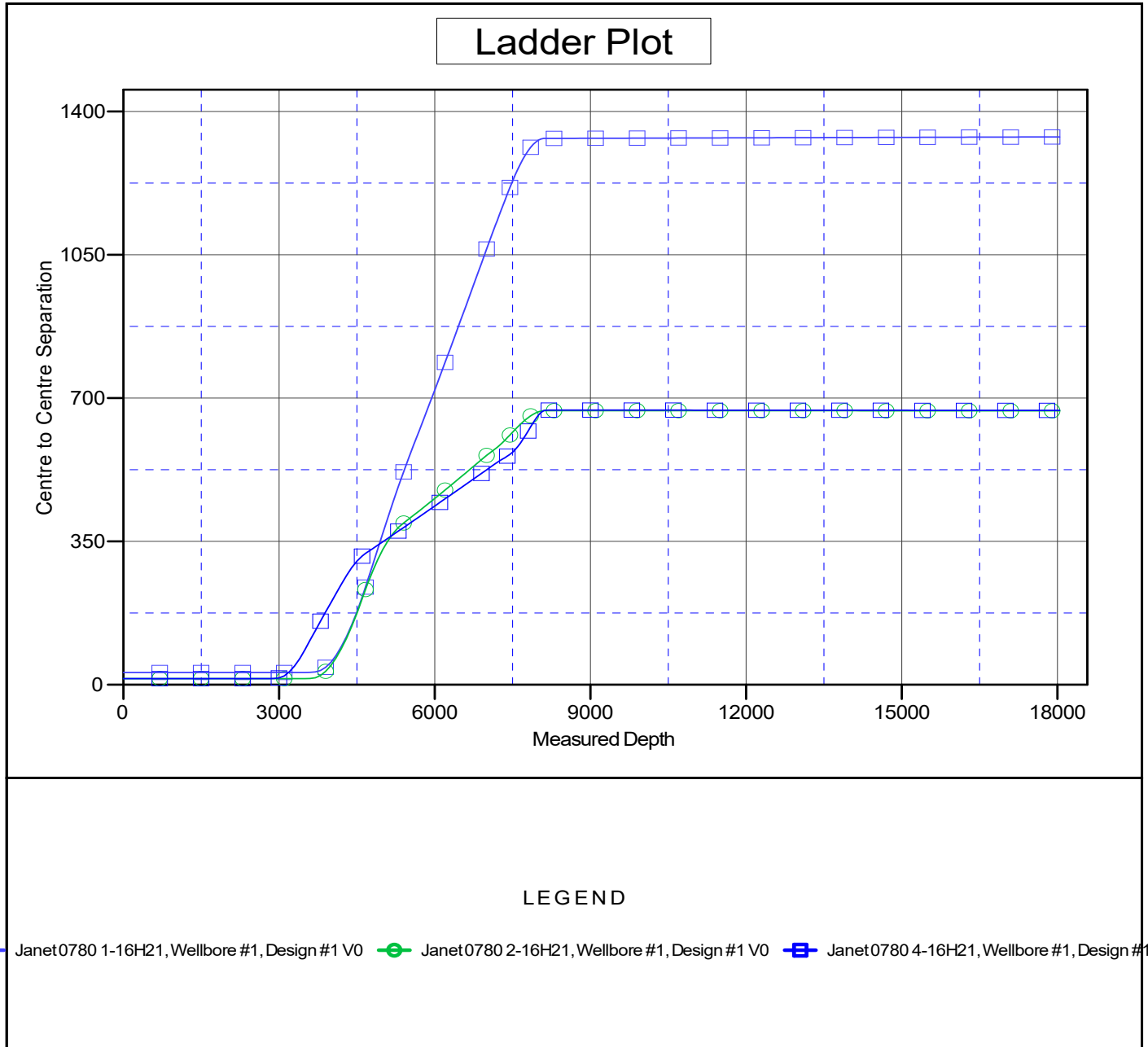
SandRidge Energy

Anticollision Summary Report

| | | | |
|---------------------------|--------------------|-------------------------------------|--|
| Company: | SandRidge Energy | Local Co-ordinate Reference: | Well Janet 0780 3-16H21 |
| Project: | North Park Basin | TVD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Reference Site: | T7N-R80W-S9 | MD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Site Error: | 0.0 usft | North Reference: | Grid |
| Reference Well: | Janet 0780 3-16H21 | 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 Depths are relative to WELL @ 8151.0usft (Original Well Ele)
Offset Depths are relative to Offset Datum
Central Meridian is 105° 30' 0.000 W

Coordinates are relative to: Janet 0780 3-16H21
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: -0.57°



SandRidge Energy

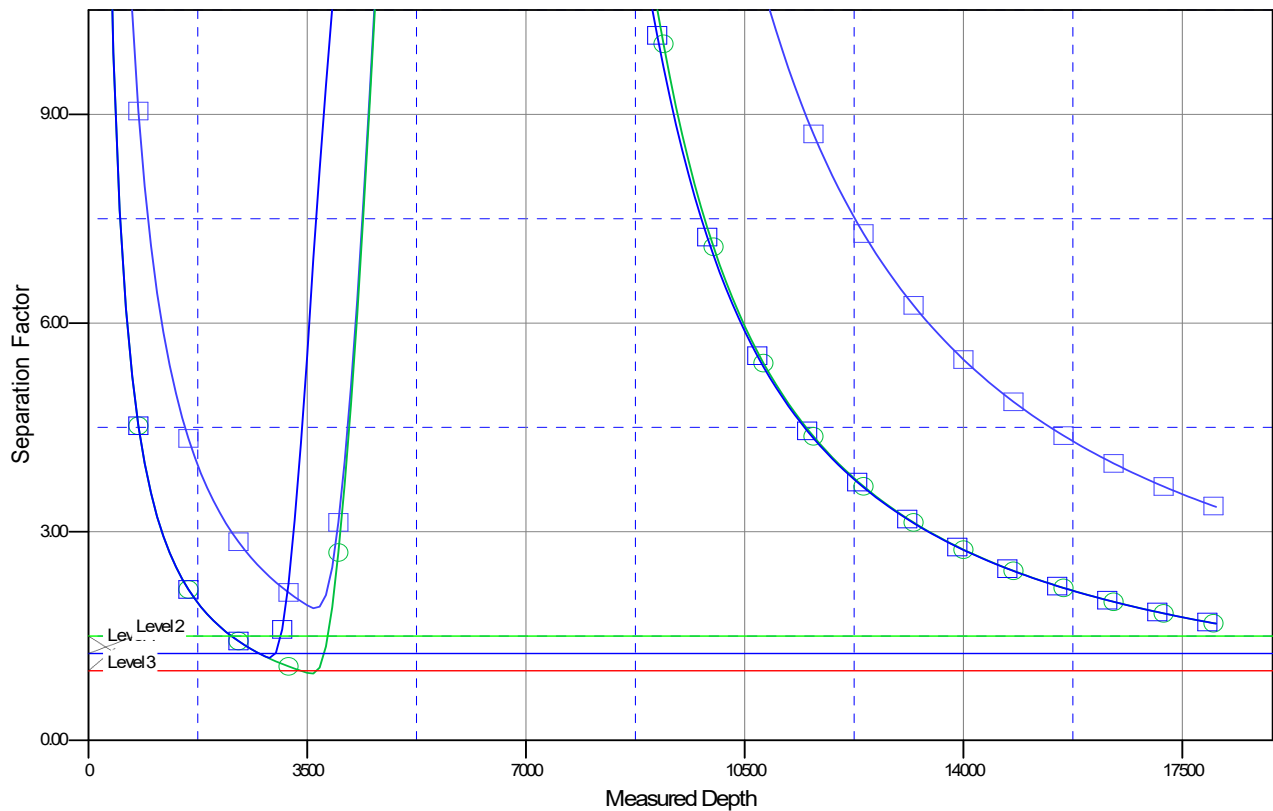
Anticollision Summary Report

| | | | |
|---------------------------|--------------------|-------------------------------------|--|
| Company: | SandRidge Energy | Local Co-ordinate Reference: | Well Janet 0780 3-16H21 |
| Project: | North Park Basin | TVD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Reference Site: | T7N-R80W-S9 | MD Reference: | WELL @ 8151.0usft (Original Well Elev) |
| Site Error: | 0.0 usft | North Reference: | Grid |
| Reference Well: | Janet 0780 3-16H21 | 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 Depths are relative to WELL @ 8151.0usft (Original Well Ele
Offset Depths are relative to Offset Datum
Central Meridian is 105° 30' 0.000 W

Coordinates are relative to: Janet 0780 3-16H21
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: -0.57°

Separation Factor Plot



LEGEND

Janet0780 1-16H21, Wellbore #1, Design #1 V0 Janet0780 2-16H21, Wellbore #1, Design #1 V0 Janet0780 4-16H21, Wellbore #1, Design #1 V0