

Well Name: Schlotthauer 4-26

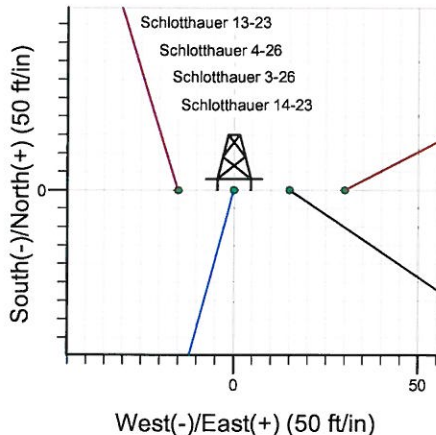
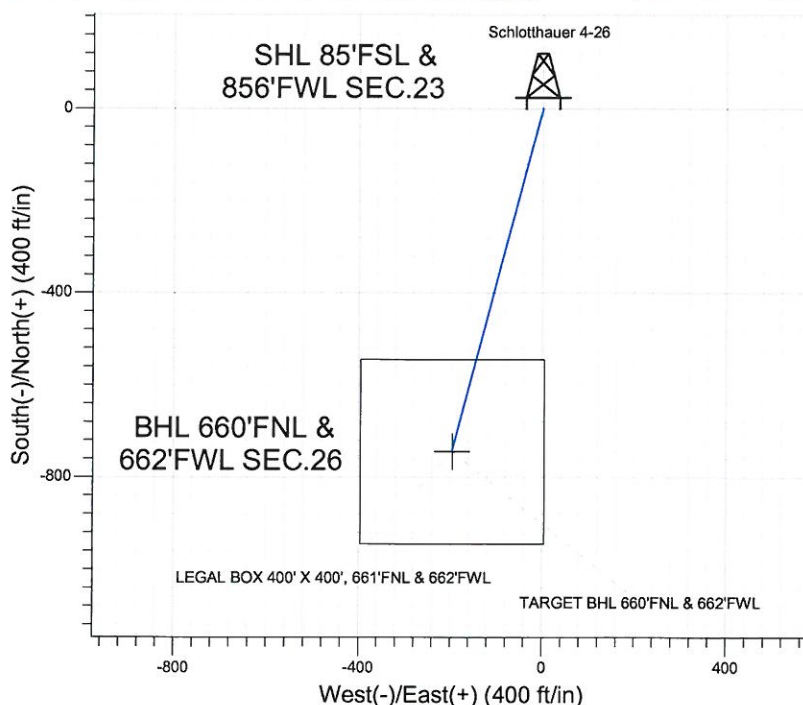
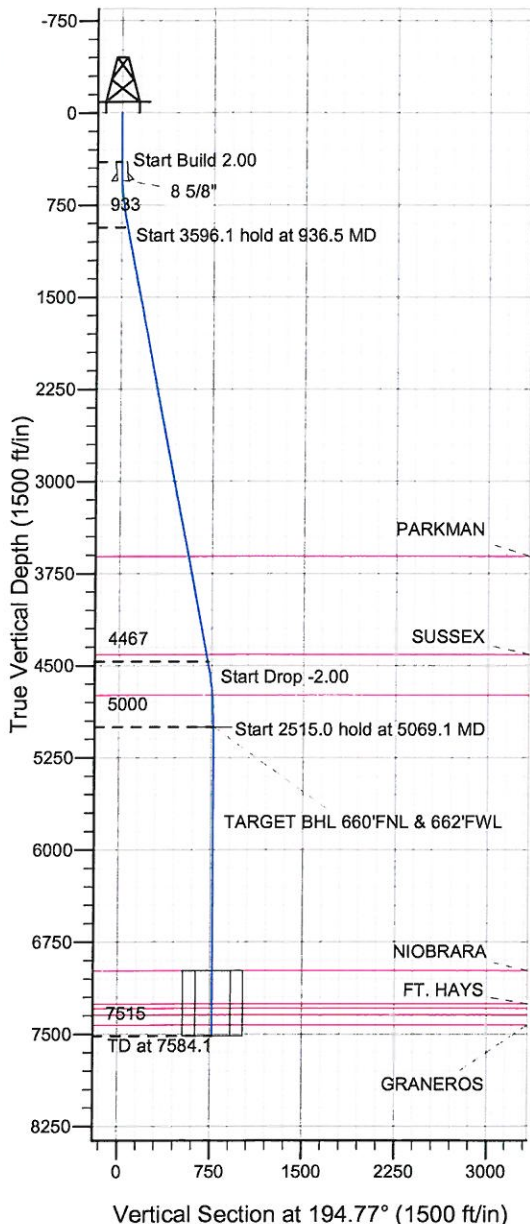
Surface Location: Schlotthauer 13-23 Pad Sec.23-T7N-R67W
North American Datum 1983, US State Plane 1983 Colorado Northern Zone

Ground Elevation: 4966.0

| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Slot |
|-------|-------|------------|------------|-----------|-------------|------|
| 0.0 | 0.0 | 1444797.95 | 3175940.28 | 40.552646 | -104.866850 | |

Original Well Elev @ 4977.0ft (Original Well Elev)

BAYSWATER EXPLORATION & PRODUCTION



Schlotthauer 13-23 Pad Sec.23-T7N-R67W
Schlotthauer 4-26
Plan #1 (10-27-11)
10:45, October 28 2011



Azimuths to True North
Magnetic North: 8.88°
Magnetic Field
Strength: 53160.5nT
Dip Angle: 67.14°
Date: 10/27/2011
Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Latitude | Longitude | Shape |
|--|--------|--------|--------|-----------|-------------|----------------------------------|
| TARGET BHL 660'FNL & 662'FWL | 5000.0 | -744.3 | -196.2 | 40.550603 | -104.867556 | Point |
| LEGAL BOX 400' X 400', 661'FNL & 662'FWL | 6982.0 | -745.3 | -196.2 | 40.550600 | -104.867556 | Rectangle (Sides: L400.0 W400.0) |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
|-----|--------|-------|--------|--------|--------|--------|------|--------|-------|------------------------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 936.5 | 10.73 | 194.77 | 933.4 | -48.4 | -12.8 | 2.00 | 194.77 | 50.1 | |
| 4 | 4532.6 | 10.73 | 194.77 | 4466.6 | -695.9 | -183.4 | 0.00 | 0.00 | 719.6 | |
| 5 | 5069.1 | 0.00 | 0.00 | 5000.0 | -744.3 | -196.2 | 2.00 | 180.00 | 769.7 | TARGET BHL 660'FNL & 662'FWL |
| 6 | 7584.1 | 0.00 | 0.00 | 7515.0 | -744.3 | -196.2 | 0.00 | 0.00 | 769.7 | |



Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.23-T7N-R67W

Schlotthauer 13-23 Pad Sec.23-T7N-R67W

Schlotthauer 4-26

Wellbore #1

Plan: Plan #1 (10-27-11)

Standard Planning Report

28 October, 2011

| | | | |
|------------------|--|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Schlotthauer 4-26 |
| Company: | BAYSWATER EXPLORATION & PRODUCTION | TVD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Project: | SEC.23-T7N-R67W | MD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Site: | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | North Reference: | True |
| Well: | Schlotthauer 4-26 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #1 (10-27-11) | | |

| | | | |
|--------------------|----------------------------------|----------------------|-----------------------------|
| Project | SEC.23-T7N-R67W, Weld County, CO | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | Using Well Reference Point |
| Map Zone: | Colorado Northern Zone | | Using geodetic scale factor |

| | | | | | |
|-----------------------|--|--------------|-----------------|-------------------|-------------|
| Site | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | | | | |
| Site Position: | | Northing: | 1,444,798.08 ft | Latitude: | 40.552646 |
| From: | Lat/Long | Easting: | 3,175,955.28 ft | Longitude: | -104.866796 |
| Position Uncertainty: | 0.0 ft | Slot Radius: | " | Grid Convergence: | 0.41 ° |

| | | | | | | |
|----------------------|-------------------|----------|---------------------|-----------------|---------------|-------------|
| Well | Schlotthauer 4-26 | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 1,444,797.95 ft | Latitude: | 40.552646 |
| | +E/-W | -15.0 ft | Easting: | 3,175,940.28 ft | Longitude: | -104.866850 |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 4,966.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 10/27/2011 | 8.88 | 67.14 | 53,160 |

| | | | | |
|---------------|--------------------|--|--|--|
| Design | Plan #1 (10-27-11) | | | |
|---------------|--------------------|--|--|--|

| | | | | |
|--------------------------|-------------------------|-------------------|----------------------|----------------------|
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 194.77 |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 936.5 | 10.73 | 194.77 | 933.4 | -48.4 | -12.8 | 2.00 | 2.00 | 0.00 | 194.77 | |
| 4,532.6 | 10.73 | 194.77 | 4,466.6 | -695.9 | -183.4 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,069.1 | 0.00 | 0.00 | 5,000.0 | -744.3 | -196.2 | 2.00 | -2.00 | 0.00 | 180.00 | TARGET BHL 660'I |
| 7,584.1 | 0.00 | 0.00 | 7,515.0 | -744.3 | -196.2 | 0.00 | 0.00 | 0.00 | 0.00 | |

Database: Landmark
Company: BAYSWATER EXPLORATION & PRODUCTION
Project: SEC.23-T7N-R67W
Site: Schlotthauer 13-23 Pad Sec.23-T7N-R67W
Well: Schlotthauer 4-26
Wellbore: Wellbore #1
Design: Plan #1 (10-27-11)

Local Co-ordinate Reference: Well Schlotthauer 4-26
TVD Reference: WELL @ 4977.0ft (Original Well Elev)
MD Reference: WELL @ 4977.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 40.0 | 0.00 | 0.00 | 40.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 80.0 | 0.00 | 0.00 | 80.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 120.0 | 0.00 | 0.00 | 120.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 160.0 | 0.00 | 0.00 | 160.0 | 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 |
| 240.0 | 0.00 | 0.00 | 240.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 280.0 | 0.00 | 0.00 | 280.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 320.0 | 0.00 | 0.00 | 320.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 360.0 | 0.00 | 0.00 | 360.0 | 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 |
| 440.0 | 0.80 | 194.77 | 440.0 | -0.3 | -0.1 | 0.3 | 2.00 | 2.00 | 0.00 |
| 480.0 | 1.60 | 194.77 | 480.0 | -1.1 | -0.3 | 1.1 | 2.00 | 2.00 | 0.00 |
| 520.0 | 2.40 | 194.77 | 520.0 | -2.4 | -0.6 | 2.5 | 2.00 | 2.00 | 0.00 |
| 550.1 | 3.00 | 194.77 | 550.0 | -3.8 | -1.0 | 3.9 | 2.00 | 2.00 | 0.00 |
| 8 5/8" | | | | | | | | | |
| 560.0 | 3.20 | 194.77 | 559.9 | -4.3 | -1.1 | 4.5 | 2.00 | 2.00 | 0.00 |
| 600.0 | 4.00 | 194.77 | 599.8 | -6.7 | -1.8 | 7.0 | 2.00 | 2.00 | 0.00 |
| 640.0 | 4.80 | 194.77 | 639.7 | -9.7 | -2.6 | 10.0 | 2.00 | 2.00 | 0.00 |
| 680.0 | 5.60 | 194.77 | 679.6 | -13.2 | -3.5 | 13.7 | 2.00 | 2.00 | 0.00 |
| 720.0 | 6.40 | 194.77 | 719.3 | -17.3 | -4.6 | 17.9 | 2.00 | 2.00 | 0.00 |
| 760.0 | 7.20 | 194.77 | 759.1 | -21.8 | -5.8 | 22.6 | 2.00 | 2.00 | 0.00 |
| 800.0 | 8.00 | 194.77 | 798.7 | -27.0 | -7.1 | 27.9 | 2.00 | 2.00 | 0.00 |
| 840.0 | 8.80 | 194.77 | 838.3 | -32.6 | -8.6 | 33.7 | 2.00 | 2.00 | 0.00 |
| 880.0 | 9.60 | 194.77 | 877.8 | -38.8 | -10.2 | 40.1 | 2.00 | 2.00 | 0.00 |
| 920.0 | 10.40 | 194.77 | 917.1 | -45.5 | -12.0 | 47.1 | 2.00 | 2.00 | 0.00 |
| 936.5 | 10.73 | 194.77 | 933.4 | -48.4 | -12.8 | 50.1 | 2.00 | 2.00 | 0.00 |
| 960.0 | 10.73 | 194.77 | 956.5 | -52.7 | -13.9 | 54.5 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 10.73 | 194.77 | 995.8 | -59.9 | -15.8 | 61.9 | 0.00 | 0.00 | 0.00 |
| 1,040.0 | 10.73 | 194.77 | 1,035.1 | -67.1 | -17.7 | 69.4 | 0.00 | 0.00 | 0.00 |
| 1,080.0 | 10.73 | 194.77 | 1,074.4 | -74.3 | -19.6 | 76.8 | 0.00 | 0.00 | 0.00 |
| 1,120.0 | 10.73 | 194.77 | 1,113.7 | -81.5 | -21.5 | 84.3 | 0.00 | 0.00 | 0.00 |
| 1,160.0 | 10.73 | 194.77 | 1,153.0 | -88.7 | -23.4 | 91.7 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 10.73 | 194.77 | 1,192.3 | -95.9 | -25.3 | 99.1 | 0.00 | 0.00 | 0.00 |
| 1,240.0 | 10.73 | 194.77 | 1,231.6 | -103.1 | -27.2 | 106.6 | 0.00 | 0.00 | 0.00 |
| 1,280.0 | 10.73 | 194.77 | 1,270.9 | -110.3 | -29.1 | 114.0 | 0.00 | 0.00 | 0.00 |
| 1,320.0 | 10.73 | 194.77 | 1,310.2 | -117.5 | -31.0 | 121.5 | 0.00 | 0.00 | 0.00 |
| 1,360.0 | 10.73 | 194.77 | 1,349.5 | -124.7 | -32.9 | 128.9 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 10.73 | 194.77 | 1,388.8 | -131.9 | -34.8 | 136.4 | 0.00 | 0.00 | 0.00 |
| 1,440.0 | 10.73 | 194.77 | 1,428.1 | -139.1 | -36.7 | 143.8 | 0.00 | 0.00 | 0.00 |
| 1,480.0 | 10.73 | 194.77 | 1,467.4 | -146.3 | -38.6 | 151.3 | 0.00 | 0.00 | 0.00 |
| 1,520.0 | 10.73 | 194.77 | 1,506.7 | -153.5 | -40.5 | 158.7 | 0.00 | 0.00 | 0.00 |
| 1,560.0 | 10.73 | 194.77 | 1,546.0 | -160.7 | -42.4 | 166.2 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 10.73 | 194.77 | 1,585.3 | -167.9 | -44.3 | 173.6 | 0.00 | 0.00 | 0.00 |
| 1,640.0 | 10.73 | 194.77 | 1,624.6 | -175.1 | -46.2 | 181.1 | 0.00 | 0.00 | 0.00 |
| 1,680.0 | 10.73 | 194.77 | 1,663.9 | -182.3 | -48.1 | 188.5 | 0.00 | 0.00 | 0.00 |
| 1,720.0 | 10.73 | 194.77 | 1,703.2 | -189.5 | -50.0 | 196.0 | 0.00 | 0.00 | 0.00 |
| 1,760.0 | 10.73 | 194.77 | 1,742.5 | -196.7 | -51.8 | 203.4 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 10.73 | 194.77 | 1,781.8 | -203.9 | -53.7 | 210.9 | 0.00 | 0.00 | 0.00 |
| 1,840.0 | 10.73 | 194.77 | 1,821.1 | -211.1 | -55.6 | 218.3 | 0.00 | 0.00 | 0.00 |
| 1,880.0 | 10.73 | 194.77 | 1,860.4 | -218.3 | -57.5 | 225.8 | 0.00 | 0.00 | 0.00 |
| 1,920.0 | 10.73 | 194.77 | 1,899.7 | -225.5 | -59.4 | 233.2 | 0.00 | 0.00 | 0.00 |
| 1,960.0 | 10.73 | 194.77 | 1,939.0 | -232.7 | -61.3 | 240.6 | 0.00 | 0.00 | 0.00 |

Database: Landmark
Company: BAYSWATER EXPLORATION & PRODUCTION
Project: SEC.23-T7N-R67W
Site: Schlotthauer 13-23 Pad Sec.23-T7N-R67W
Well: Schlotthauer 4-26
Wellbore: Wellbore #1
Design: Plan #1 (10-27-11)

Local Co-ordinate Reference: Well Schlotthauer 4-26
TVD Reference: WELL @ 4977.0ft (Original Well Elev)
MD Reference: WELL @ 4977.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 2,000.0 | 10.73 | 194.77 | 1,978.3 | -239.9 | -63.2 | 248.1 | 0.00 | 0.00 | 0.00 |
| 2,040.0 | 10.73 | 194.77 | 2,017.6 | -247.1 | -65.1 | 255.5 | 0.00 | 0.00 | 0.00 |
| 2,080.0 | 10.73 | 194.77 | 2,056.9 | -254.3 | -67.0 | 263.0 | 0.00 | 0.00 | 0.00 |
| 2,120.0 | 10.73 | 194.77 | 2,096.2 | -261.5 | -68.9 | 270.4 | 0.00 | 0.00 | 0.00 |
| 2,160.0 | 10.73 | 194.77 | 2,135.5 | -268.7 | -70.8 | 277.9 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 10.73 | 194.77 | 2,174.8 | -275.9 | -72.7 | 285.3 | 0.00 | 0.00 | 0.00 |
| 2,240.0 | 10.73 | 194.77 | 2,214.1 | -283.1 | -74.6 | 292.8 | 0.00 | 0.00 | 0.00 |
| 2,280.0 | 10.73 | 194.77 | 2,253.4 | -290.3 | -76.5 | 300.2 | 0.00 | 0.00 | 0.00 |
| 2,320.0 | 10.73 | 194.77 | 2,292.7 | -297.5 | -78.4 | 307.7 | 0.00 | 0.00 | 0.00 |
| 2,360.0 | 10.73 | 194.77 | 2,332.0 | -304.7 | -80.3 | 315.1 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 10.73 | 194.77 | 2,371.3 | -311.9 | -82.2 | 322.6 | 0.00 | 0.00 | 0.00 |
| 2,440.0 | 10.73 | 194.77 | 2,410.6 | -319.1 | -84.1 | 330.0 | 0.00 | 0.00 | 0.00 |
| 2,480.0 | 10.73 | 194.77 | 2,449.9 | -326.3 | -86.0 | 337.5 | 0.00 | 0.00 | 0.00 |
| 2,520.0 | 10.73 | 194.77 | 2,489.2 | -333.5 | -87.9 | 344.9 | 0.00 | 0.00 | 0.00 |
| 2,560.0 | 10.73 | 194.77 | 2,528.5 | -340.7 | -89.8 | 352.4 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 10.73 | 194.77 | 2,567.8 | -347.9 | -91.7 | 359.8 | 0.00 | 0.00 | 0.00 |
| 2,640.0 | 10.73 | 194.77 | 2,607.1 | -355.1 | -93.6 | 367.2 | 0.00 | 0.00 | 0.00 |
| 2,680.0 | 10.73 | 194.77 | 2,646.4 | -362.3 | -95.5 | 374.7 | 0.00 | 0.00 | 0.00 |
| 2,720.0 | 10.73 | 194.77 | 2,685.7 | -369.5 | -97.4 | 382.1 | 0.00 | 0.00 | 0.00 |
| 2,760.0 | 10.73 | 194.77 | 2,725.0 | -376.7 | -99.3 | 389.6 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 10.73 | 194.77 | 2,764.3 | -383.9 | -101.2 | 397.0 | 0.00 | 0.00 | 0.00 |
| 2,840.0 | 10.73 | 194.77 | 2,803.6 | -391.1 | -103.1 | 404.5 | 0.00 | 0.00 | 0.00 |
| 2,880.0 | 10.73 | 194.77 | 2,842.9 | -398.3 | -105.0 | 411.9 | 0.00 | 0.00 | 0.00 |
| 2,920.0 | 10.73 | 194.77 | 2,882.2 | -405.5 | -106.9 | 419.4 | 0.00 | 0.00 | 0.00 |
| 2,960.0 | 10.73 | 194.77 | 2,921.5 | -412.7 | -108.8 | 426.8 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 10.73 | 194.77 | 2,960.8 | -419.9 | -110.7 | 434.3 | 0.00 | 0.00 | 0.00 |
| 3,040.0 | 10.73 | 194.77 | 3,000.1 | -427.1 | -112.6 | 441.7 | 0.00 | 0.00 | 0.00 |
| 3,080.0 | 10.73 | 194.77 | 3,039.4 | -434.3 | -114.5 | 449.2 | 0.00 | 0.00 | 0.00 |
| 3,120.0 | 10.73 | 194.77 | 3,078.7 | -441.5 | -116.4 | 456.6 | 0.00 | 0.00 | 0.00 |
| 3,160.0 | 10.73 | 194.77 | 3,118.0 | -448.7 | -118.3 | 464.1 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 10.73 | 194.77 | 3,157.3 | -455.9 | -120.2 | 471.5 | 0.00 | 0.00 | 0.00 |
| 3,240.0 | 10.73 | 194.77 | 3,196.6 | -463.1 | -122.1 | 479.0 | 0.00 | 0.00 | 0.00 |
| 3,280.0 | 10.73 | 194.77 | 3,235.9 | -470.3 | -124.0 | 486.4 | 0.00 | 0.00 | 0.00 |
| 3,320.0 | 10.73 | 194.77 | 3,275.2 | -477.5 | -125.9 | 493.9 | 0.00 | 0.00 | 0.00 |
| 3,360.0 | 10.73 | 194.77 | 3,314.5 | -484.7 | -127.8 | 501.3 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 10.73 | 194.77 | 3,353.8 | -491.9 | -129.7 | 508.7 | 0.00 | 0.00 | 0.00 |
| 3,440.0 | 10.73 | 194.77 | 3,393.1 | -499.1 | -131.6 | 516.2 | 0.00 | 0.00 | 0.00 |
| 3,480.0 | 10.73 | 194.77 | 3,432.4 | -506.3 | -133.5 | 523.6 | 0.00 | 0.00 | 0.00 |
| 3,520.0 | 10.73 | 194.77 | 3,471.7 | -513.5 | -135.4 | 531.1 | 0.00 | 0.00 | 0.00 |
| 3,560.0 | 10.73 | 194.77 | 3,511.0 | -520.7 | -137.3 | 538.5 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 10.73 | 194.77 | 3,550.3 | -527.9 | -139.2 | 546.0 | 0.00 | 0.00 | 0.00 |
| 3,640.0 | 10.73 | 194.77 | 3,589.6 | -535.2 | -141.1 | 553.4 | 0.00 | 0.00 | 0.00 |
| 3,660.8 | 10.73 | 194.77 | 3,610.0 | -538.9 | -142.1 | 557.3 | 0.00 | 0.00 | 0.00 |
| PARKMAN | | | | | | | | | |
| 3,680.0 | 10.73 | 194.77 | 3,628.9 | -542.4 | -143.0 | 560.9 | 0.00 | 0.00 | 0.00 |
| 3,720.0 | 10.73 | 194.77 | 3,668.2 | -549.6 | -144.9 | 568.3 | 0.00 | 0.00 | 0.00 |
| 3,760.0 | 10.73 | 194.77 | 3,707.5 | -556.8 | -146.8 | 575.8 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 10.73 | 194.77 | 3,746.8 | -564.0 | -148.7 | 583.2 | 0.00 | 0.00 | 0.00 |
| 3,840.0 | 10.73 | 194.77 | 3,786.1 | -571.2 | -150.6 | 590.7 | 0.00 | 0.00 | 0.00 |
| 3,880.0 | 10.73 | 194.77 | 3,825.4 | -578.4 | -152.5 | 598.1 | 0.00 | 0.00 | 0.00 |
| 3,920.0 | 10.73 | 194.77 | 3,864.7 | -585.6 | -154.4 | 605.6 | 0.00 | 0.00 | 0.00 |
| 3,960.0 | 10.73 | 194.77 | 3,904.0 | -592.8 | -156.3 | 613.0 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 10.73 | 194.77 | 3,943.3 | -600.0 | -158.2 | 620.5 | 0.00 | 0.00 | 0.00 |

Database: Landmark
Company: BAYSWATER EXPLORATION & PRODUCTION
Project: SEC.23-T7N-R67W
Site: Schlotthauer 13-23 Pad Sec.23-T7N-R67W
Well: Schlotthauer 4-26
Wellbore: Wellbore #1
Design: Plan #1 (10-27-11)

Local Co-ordinate Reference: Well Schlotthauer 4-26
TVD Reference: WELL @ 4977.0ft (Original Well Elev)
MD Reference: WELL @ 4977.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 4,040.0 | 10.73 | 194.77 | 3,982.6 | -607.2 | -160.1 | 627.9 | 0.00 | 0.00 | 0.00 |
| 4,080.0 | 10.73 | 194.77 | 4,021.9 | -614.4 | -161.9 | 635.4 | 0.00 | 0.00 | 0.00 |
| 4,120.0 | 10.73 | 194.77 | 4,061.2 | -621.6 | -163.8 | 642.8 | 0.00 | 0.00 | 0.00 |
| 4,160.0 | 10.73 | 194.77 | 4,100.5 | -628.8 | -165.7 | 650.2 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 10.73 | 194.77 | 4,139.8 | -636.0 | -167.6 | 657.7 | 0.00 | 0.00 | 0.00 |
| 4,240.0 | 10.73 | 194.77 | 4,179.1 | -643.2 | -169.5 | 665.1 | 0.00 | 0.00 | 0.00 |
| 4,280.0 | 10.73 | 194.77 | 4,218.4 | -650.4 | -171.4 | 672.6 | 0.00 | 0.00 | 0.00 |
| 4,320.0 | 10.73 | 194.77 | 4,257.7 | -657.6 | -173.3 | 680.0 | 0.00 | 0.00 | 0.00 |
| 4,360.0 | 10.73 | 194.77 | 4,297.0 | -664.8 | -175.2 | 687.5 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 10.73 | 194.77 | 4,336.3 | -672.0 | -177.1 | 694.9 | 0.00 | 0.00 | 0.00 |
| 4,440.0 | 10.73 | 194.77 | 4,375.6 | -679.2 | -179.0 | 702.4 | 0.00 | 0.00 | 0.00 |
| 4,475.0 | 10.73 | 194.77 | 4,410.0 | -685.5 | -180.7 | 708.9 | 0.00 | 0.00 | 0.00 |
| SUSSEX | | | | | | | | | |
| 4,480.0 | 10.73 | 194.77 | 4,414.9 | -686.4 | -180.9 | 709.8 | 0.00 | 0.00 | 0.00 |
| 4,520.0 | 10.73 | 194.77 | 4,454.2 | -693.6 | -182.8 | 717.3 | 0.00 | 0.00 | 0.00 |
| 4,532.6 | 10.73 | 194.77 | 4,466.6 | -695.9 | -183.4 | 719.6 | 0.00 | 0.00 | 0.00 |
| 4,560.0 | 10.18 | 194.77 | 4,493.5 | -700.7 | -184.7 | 724.6 | 2.00 | -2.00 | 0.00 |
| 4,600.0 | 9.38 | 194.77 | 4,533.0 | -707.2 | -186.4 | 731.4 | 2.00 | -2.00 | 0.00 |
| 4,640.0 | 8.58 | 194.77 | 4,572.5 | -713.3 | -188.0 | 737.6 | 2.00 | -2.00 | 0.00 |
| 4,680.0 | 7.78 | 194.77 | 4,612.1 | -718.8 | -189.5 | 743.3 | 2.00 | -2.00 | 0.00 |
| 4,720.0 | 6.98 | 194.77 | 4,651.7 | -723.7 | -190.8 | 748.5 | 2.00 | -2.00 | 0.00 |
| 4,760.0 | 6.18 | 194.77 | 4,691.5 | -728.2 | -192.0 | 753.0 | 2.00 | -2.00 | 0.00 |
| 4,800.0 | 5.38 | 194.77 | 4,731.3 | -732.1 | -193.0 | 757.1 | 2.00 | -2.00 | 0.00 |
| 4,808.8 | 5.21 | 194.77 | 4,740.0 | -732.9 | -193.2 | 757.9 | 2.00 | -2.00 | 0.00 |
| SHANNON | | | | | | | | | |
| 4,840.0 | 4.58 | 194.77 | 4,771.1 | -735.4 | -193.9 | 760.6 | 2.00 | -2.00 | 0.00 |
| 4,880.0 | 3.78 | 194.77 | 4,811.0 | -738.3 | -194.6 | 763.5 | 2.00 | -2.00 | 0.00 |
| 4,920.0 | 2.98 | 194.77 | 4,850.9 | -740.5 | -195.2 | 765.8 | 2.00 | -2.00 | 0.00 |
| 4,960.0 | 2.18 | 194.77 | 4,890.9 | -742.3 | -195.7 | 767.6 | 2.00 | -2.00 | 0.00 |
| 5,000.0 | 1.38 | 194.77 | 4,930.9 | -743.5 | -196.0 | 768.9 | 2.00 | -2.00 | 0.00 |
| 5,040.0 | 0.58 | 194.77 | 4,970.9 | -744.1 | -196.2 | 769.6 | 2.00 | -2.00 | 0.00 |
| 5,069.1 | 0.00 | 0.00 | 5,000.0 | -744.3 | -196.2 | 769.7 | 2.00 | -2.00 | 567.07 |
| TARGET BHL 660°FNL & 662°FNL | | | | | | | | | |
| 5,080.0 | 0.00 | 0.00 | 5,010.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,120.0 | 0.00 | 0.00 | 5,050.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,160.0 | 0.00 | 0.00 | 5,090.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 0.00 | 0.00 | 5,130.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,240.0 | 0.00 | 0.00 | 5,170.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,280.0 | 0.00 | 0.00 | 5,210.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,320.0 | 0.00 | 0.00 | 5,250.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,360.0 | 0.00 | 0.00 | 5,290.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 0.00 | 0.00 | 5,330.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,440.0 | 0.00 | 0.00 | 5,370.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,480.0 | 0.00 | 0.00 | 5,410.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,520.0 | 0.00 | 0.00 | 5,450.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,560.0 | 0.00 | 0.00 | 5,490.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 0.00 | 0.00 | 5,530.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,640.0 | 0.00 | 0.00 | 5,570.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,680.0 | 0.00 | 0.00 | 5,610.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,720.0 | 0.00 | 0.00 | 5,650.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,760.0 | 0.00 | 0.00 | 5,690.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 0.00 | 0.00 | 5,730.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,840.0 | 0.00 | 0.00 | 5,770.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|--|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Schlotthauer 4-26 |
| Company: | BAYSWATER EXPLORATION & PRODUCTION | TVD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Project: | SEC.23-T7N-R67W | MD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Site: | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | North Reference: | True |
| Well: | Schlotthauer 4-26 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #1 (10-27-11) | | |

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 5,880.0 | 0.00 | 0.00 | 5,810.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,920.0 | 0.00 | 0.00 | 5,850.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 5,960.0 | 0.00 | 0.00 | 5,890.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 0.00 | 0.00 | 5,930.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,040.0 | 0.00 | 0.00 | 5,970.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,080.0 | 0.00 | 0.00 | 6,010.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,120.0 | 0.00 | 0.00 | 6,050.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,160.0 | 0.00 | 0.00 | 6,090.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 0.00 | 0.00 | 6,130.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,240.0 | 0.00 | 0.00 | 6,170.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,280.0 | 0.00 | 0.00 | 6,210.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,320.0 | 0.00 | 0.00 | 6,250.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,360.0 | 0.00 | 0.00 | 6,290.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 0.00 | 0.00 | 6,330.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,440.0 | 0.00 | 0.00 | 6,370.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,480.0 | 0.00 | 0.00 | 6,410.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,520.0 | 0.00 | 0.00 | 6,450.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,560.0 | 0.00 | 0.00 | 6,490.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 0.00 | 0.00 | 6,530.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,640.0 | 0.00 | 0.00 | 6,570.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,680.0 | 0.00 | 0.00 | 6,610.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,720.0 | 0.00 | 0.00 | 6,650.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,760.0 | 0.00 | 0.00 | 6,690.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,800.0 | 0.00 | 0.00 | 6,730.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,840.0 | 0.00 | 0.00 | 6,770.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,880.0 | 0.00 | 0.00 | 6,810.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,920.0 | 0.00 | 0.00 | 6,850.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 6,960.0 | 0.00 | 0.00 | 6,890.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 0.00 | 0.00 | 6,930.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,040.0 | 0.00 | 0.00 | 6,970.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,051.1 | 0.00 | 0.00 | 6,982.0 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| NIOBRARA - LEGAL BOX 400' X 400', 661'FNL & 662'FWL | | | | | | | | | |
| 7,080.0 | 0.00 | 0.00 | 7,010.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,120.0 | 0.00 | 0.00 | 7,050.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,160.0 | 0.00 | 0.00 | 7,090.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,200.0 | 0.00 | 0.00 | 7,130.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,240.0 | 0.00 | 0.00 | 7,170.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,280.0 | 0.00 | 0.00 | 7,210.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,320.0 | 0.00 | 0.00 | 7,250.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,323.1 | 0.00 | 0.00 | 7,254.0 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| FT. HAYS | | | | | | | | | |
| 7,360.0 | 0.00 | 0.00 | 7,290.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,361.1 | 0.00 | 0.00 | 7,292.0 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| CODELL | | | | | | | | | |
| 7,400.0 | 0.00 | 0.00 | 7,330.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,411.1 | 0.00 | 0.00 | 7,342.0 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| GREENHORN | | | | | | | | | |
| 7,440.0 | 0.00 | 0.00 | 7,370.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,480.0 | 0.00 | 0.00 | 7,410.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,495.1 | 0.00 | 0.00 | 7,426.0 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| GRANEROS | | | | | | | | | |
| 7,520.0 | 0.00 | 0.00 | 7,450.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|--|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Schlotthauer 4-26 |
| Company: | BAYSWATER EXPLORATION & PRODUCTION | TVD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Project: | SEC.23-T7N-R67W | MD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Site: | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | North Reference: | True |
| Well: | Schlotthauer 4-26 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #1 (10-27-11) | | |

| Planned Survey | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 7,560.0 | 0.00 | 0.00 | 7,490.9 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |
| 7,584.1 | 0.00 | 0.00 | 7,515.0 | -744.3 | -196.2 | 769.7 | 0.00 | 0.00 | 0.00 |

| Targets | | | | | | | | | |
|--|-------------------|---------------|--------------|----------|------------|------------|---------------|--------------|-------------|
| Target Name | - hit/miss target | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude |
| - Shape | | | | | | | | | Longitude |
| LEGAL BOX 400' X 400' | | 0.00 | 0.00 | 6,982.0 | -745.3 | -196.2 | 1,444,051.29 | 3,175,749.41 | 40.550600 |
| - plan misses target center by 1.0ft at 7051.1ft MD (6982.0 TVD, -744.3 N, -196.2 E) | | | | | | | | | -104.867556 |
| - Rectangle (sides W400.0 H400.0 D533.0) | | | | | | | | | |
| TARGET BHL 660'FN | | 0.00 | 0.00 | 5,000.0 | -744.3 | -196.2 | 1,444,052.30 | 3,175,749.41 | 40.550603 |
| - plan hits target center | | | | | | | | | -104.867556 |
| - Point | | | | | | | | | |

| Casing Points | | | | |
|---------------------|---------------------|--------|---------------------|-------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") |
| 550.1 | 550.0 | 8 5/8" | 8-5/8 | 12-1/4 |

| Formations | | | | | |
|---------------------|---------------------|-----------|-----------|---------|-------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
| 3,660.8 | 3,610.0 | PARKMAN | | 0.00 | |
| 4,475.0 | 4,410.0 | SUSSEX | | 0.00 | |
| 4,808.8 | 4,740.0 | SHANNON | | 0.00 | |
| 7,051.1 | 6,982.0 | NIOBRARA | | 0.00 | |
| 7,323.1 | 7,254.0 | FT. HAYS | | 0.00 | |
| 7,361.1 | 7,292.0 | CODELL | | 0.00 | |
| 7,411.1 | 7,342.0 | GREENHORN | | 0.00 | |
| 7,495.1 | 7,426.0 | GRANEROS | | 0.00 | |



Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.23-T7N-R67W

Schlotthauer 13-23 Pad Sec.23-T7N-R67W

Schlotthauer 4-26

Wellbore #1

Plan #1 (10-27-11)

Anticollision Report

28 October, 2011

| | | | |
|---------------------------|--|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Schlotthauer 4-26 |
| Project: | SEC.23-T7N-R67W | TVD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Reference Site: | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | MD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Schlotthauer 4-26 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #1 (10-27-11) | Offset TVD Reference: | Offset Datum |

| | | | |
|-------------------------------------|---|---------------------|---------------------|
| Reference | Plan #1 (10-27-11) | | |
| 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 center-center distance of 10,000.0ft | | |
| Warning Levels Evaluated at: | 2.00 Sigma | | |
| Error Surface: | Elliptical Conic | | |

| | | | | |
|----------------------------|------------------------|----------------------------------|------------------|--------------------|
| Survey Tool Program | Date 10/28/2011 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
| 0.0 | 7,584.1 | Plan #1 (10-27-11) (Wellbore #1) | MWD | MWD - Standard |

| Summary | | | | | | |
|---|-------------------------------|----------------------------|-------------------------------|--------------------------------|-------------------|---------|
| Site Name | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning |
| Offset Well - Wellbore - Design | | | | | | |
| Schlotthauer 13-23 Pad Sec.23-T7N-R67W | | | | | | |
| Schlotthauer 13-23 - Wellbore #1 - Plan #1 (10-27-11) | 548.5 | 548.4 | 14.5 | 12.3 | 6.599 | CC, ES |
| Schlotthauer 13-23 - Wellbore #1 - Plan #1 (10-27-11) | 600.0 | 599.8 | 14.8 | 12.4 | 6.151 | SF |
| Schlotthauer 3-26 - Wellbore #1 - Plan #1 (10-27-11) | 400.0 | 400.0 | 15.0 | 13.4 | 9.538 | CC, ES |
| Schlotthauer 3-26 - Wellbore #1 - Plan #1 (10-27-11) | 600.0 | 599.8 | 18.1 | 15.7 | 7.499 | SF |

| Offset Design | | Schlotthauer 13-23 Pad Sec.23-T7N-R67W - Schlotthauer 13-23 - Wellbore #1 - Plan #1 (10-27-11) | | | | | | | | | | Offset Site Error: | | 0.0 ft | | |
|-----------------------|---------------------|--|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|--|--------------------|--|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | | Offset Well Error: | | 0.0 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -90.09 | 0.0 | -15.0 | 15.0 | 15.0 | 0.00 | N/A | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | -90.09 | 0.0 | -15.0 | 15.0 | 14.8 | 0.22 | 66.764 | | | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -90.09 | 0.0 | -15.0 | 15.0 | 14.3 | 0.67 | 22.255 | | | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | -90.09 | 0.0 | -15.0 | 15.0 | 13.9 | 1.12 | 13.353 | | | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | -90.09 | 0.0 | -15.0 | 15.0 | 13.4 | 1.57 | 9.538 | | | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | 81.75 | 0.0 | -15.0 | 14.7 | 12.7 | 2.00 | 7.342 | | | | |
| 548.5 | 548.4 | 548.4 | 548.4 | 1.1 | 1.1 | 90.00 | 0.0 | -15.0 | 14.5 | 12.3 | 2.20 | 6.599 CC, ES | | | | |
| 600.0 | 599.8 | 599.8 | 599.8 | 1.2 | 1.2 | 102.15 | 0.0 | -15.0 | 14.8 | 12.4 | 2.41 | 6.151 SF | | | | |
| 700.0 | 699.5 | 699.5 | 699.5 | 1.4 | 1.5 | 129.08 | 0.0 | -15.0 | 18.7 | 15.9 | 2.85 | 6.563 | | | | |
| 800.0 | 798.7 | 798.2 | 798.2 | 1.7 | 1.7 | 148.56 | 0.4 | -15.1 | 28.5 | 25.2 | 3.30 | 8.632 | | | | |
| 900.0 | 897.5 | 895.2 | 895.2 | 2.0 | 1.9 | 158.50 | 3.5 | -16.1 | 45.9 | 42.2 | 3.75 | 12.242 | | | | |
| 936.5 | 933.4 | 930.2 | 930.1 | 2.1 | 2.0 | 160.55 | 5.4 | -16.7 | 54.1 | 50.2 | 3.92 | 13.804 | | | | |
| 1,000.0 | 995.8 | 990.4 | 990.1 | 2.3 | 2.1 | 162.89 | 9.6 | -18.0 | 69.7 | 65.5 | 4.21 | 16.574 | | | | |
| 1,100.0 | 1,094.0 | 1,084.0 | 1,083.2 | 2.7 | 2.3 | 164.54 | 18.6 | -20.7 | 97.0 | 92.4 | 4.67 | 20.775 | | | | |
| 1,200.0 | 1,192.3 | 1,175.8 | 1,174.3 | 3.1 | 2.6 | 165.03 | 30.2 | -24.3 | 127.3 | 122.2 | 5.14 | 24.776 | | | | |
| 1,300.0 | 1,290.5 | 1,265.9 | 1,263.1 | 3.5 | 2.8 | 165.01 | 44.2 | -28.6 | 160.5 | 154.9 | 5.61 | 28.591 | | | | |
| 1,400.0 | 1,388.8 | 1,358.7 | 1,354.4 | 3.9 | 3.1 | 164.81 | 60.6 | -33.6 | 195.5 | 189.4 | 6.09 | 32.080 | | | | |
| 1,500.0 | 1,487.0 | 1,452.4 | 1,446.4 | 4.3 | 3.5 | 164.67 | 77.1 | -38.7 | 230.5 | 224.0 | 6.57 | 35.081 | | | | |
| 1,600.0 | 1,585.3 | 1,546.0 | 1,538.5 | 4.7 | 3.8 | 164.57 | 93.5 | -43.8 | 265.6 | 258.5 | 7.05 | 37.647 | | | | |
| 1,700.0 | 1,683.5 | 1,639.7 | 1,630.5 | 5.1 | 4.1 | 164.49 | 110.0 | -48.9 | 300.6 | 293.1 | 7.54 | 39.848 | | | | |
| 1,800.0 | 1,781.8 | 1,733.3 | 1,722.6 | 5.5 | 4.5 | 164.43 | 126.5 | -53.9 | 335.7 | 327.6 | 8.04 | 41.770 | | | | |
| 1,900.0 | 1,880.0 | 1,827.0 | 1,814.6 | 5.9 | 4.8 | 164.38 | 143.0 | -59.0 | 370.7 | 362.2 | 8.53 | 43.454 | | | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|--|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Schlotthauer 4-26 |
| Project: | SEC.23-T7N-R67W | TVD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Reference Site: | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | MD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Schlotthauer 4-26 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #1 (10-27-11) | Offset TVD Reference: | Offset Datum |

| Schlotthauer 13-23 Pad Sec.23-T7N-R67W - Schlotthauer 13-23 - Wellbore #1 - Plan #1 (10-27-11) | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--|---------------------|---------------------|---------------------|----------------|-------------|----------------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Semi Major Axis (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
| 2,000.0 | 1,978.3 | 1,920.7 | 1,906.7 | 6.3 | 5.2 | 164.33 | | 159.5 | -64.1 | 405.8 | 396.7 | 9.03 | 44.939 | |
| 2,100.0 | 2,076.5 | 2,014.3 | 1,998.7 | 6.8 | 5.5 | 164.30 | | 176.0 | -69.1 | 440.8 | 431.3 | 9.53 | 46.257 | |
| 2,200.0 | 2,174.8 | 2,108.0 | 2,090.8 | 7.2 | 5.9 | 164.27 | | 192.5 | -74.2 | 475.9 | 465.8 | 10.03 | 47.434 | |
| 2,300.0 | 2,273.0 | 2,201.6 | 2,182.8 | 7.6 | 6.3 | 164.24 | | 209.0 | -79.3 | 510.9 | 500.4 | 10.54 | 48.491 | |
| 2,400.0 | 2,371.3 | 2,295.3 | 2,274.9 | 8.0 | 6.6 | 164.22 | | 225.5 | -84.4 | 546.0 | 534.9 | 11.04 | 49.445 | |
| 2,500.0 | 2,469.5 | 2,389.0 | 2,367.0 | 8.4 | 7.0 | 164.20 | | 242.0 | -89.4 | 581.0 | 569.5 | 11.55 | 50.309 | |
| 2,600.0 | 2,567.8 | 2,482.6 | 2,459.0 | 8.9 | 7.4 | 164.18 | | 258.4 | -94.5 | 616.0 | 604.0 | 12.06 | 51.095 | |
| 2,700.0 | 2,666.0 | 2,576.3 | 2,551.1 | 9.3 | 7.7 | 164.17 | | 274.9 | -99.6 | 651.1 | 638.5 | 12.57 | 51.814 | |
| 2,800.0 | 2,764.3 | 2,669.9 | 2,643.1 | 9.7 | 8.1 | 164.15 | | 291.4 | -104.6 | 686.1 | 673.1 | 13.08 | 52.473 | |
| 2,900.0 | 2,862.5 | 2,763.6 | 2,735.2 | 10.1 | 8.5 | 164.14 | | 307.9 | -109.7 | 721.2 | 707.6 | 13.59 | 53.080 | |
| 3,000.0 | 2,960.8 | 2,857.2 | 2,827.2 | 10.5 | 8.9 | 164.13 | | 324.4 | -114.8 | 756.2 | 742.1 | 14.10 | 53.640 | |
| 3,100.0 | 3,059.0 | 2,950.9 | 2,919.3 | 11.0 | 9.2 | 164.12 | | 340.9 | -119.9 | 791.3 | 776.7 | 14.61 | 54.158 | |
| 3,200.0 | 3,157.3 | 3,044.6 | 3,011.3 | 11.4 | 9.6 | 164.11 | | 357.4 | -124.9 | 826.3 | 811.2 | 15.12 | 54.638 | |
| 3,300.0 | 3,255.5 | 3,138.2 | 3,103.4 | 11.8 | 10.0 | 164.10 | | 373.9 | -130.0 | 861.4 | 845.7 | 15.64 | 55.086 | |
| 3,400.0 | 3,353.8 | 3,231.9 | 3,195.4 | 12.2 | 10.4 | 164.09 | | 390.4 | -135.1 | 896.4 | 880.3 | 16.15 | 55.503 | |
| 3,500.0 | 3,452.0 | 3,325.5 | 3,287.5 | 12.6 | 10.7 | 164.08 | | 406.9 | -140.2 | 931.5 | 914.8 | 16.67 | 55.892 | |
| 3,600.0 | 3,550.3 | 3,419.2 | 3,379.6 | 13.1 | 11.1 | 164.08 | | 423.3 | -145.2 | 966.5 | 949.3 | 17.18 | 56.257 | |
| 3,700.0 | 3,648.6 | 3,512.8 | 3,471.6 | 13.5 | 11.5 | 164.07 | | 439.8 | -150.3 | 1,001.6 | 983.9 | 17.70 | 56.600 | |
| 3,800.0 | 3,746.8 | 3,606.5 | 3,563.7 | 13.9 | 11.9 | 164.06 | | 456.3 | -155.4 | 1,036.6 | 1,018.4 | 18.21 | 56.921 | |
| 3,900.0 | 3,845.1 | 3,700.2 | 3,655.7 | 14.3 | 12.2 | 164.06 | | 472.8 | -160.4 | 1,071.7 | 1,052.9 | 18.73 | 57.224 | |
| 4,000.0 | 3,943.3 | 3,793.8 | 3,747.8 | 14.8 | 12.6 | 164.05 | | 489.3 | -165.5 | 1,106.7 | 1,087.5 | 19.24 | 57.510 | |
| 4,100.0 | 4,041.6 | 3,887.5 | 3,839.8 | 15.2 | 13.0 | 164.05 | | 505.8 | -170.6 | 1,141.7 | 1,122.0 | 19.76 | 57.779 | |
| 4,200.0 | 4,139.8 | 3,981.1 | 3,931.9 | 15.6 | 13.4 | 164.04 | | 522.3 | -175.7 | 1,176.8 | 1,156.5 | 20.28 | 58.034 | |
| 4,300.0 | 4,238.1 | 4,110.6 | 4,059.4 | 16.0 | 13.9 | 164.06 | | 543.8 | -182.3 | 1,211.1 | 1,190.2 | 20.85 | 58.077 | |
| 4,400.0 | 4,336.3 | 4,272.6 | 4,220.1 | 16.4 | 14.3 | 164.18 | | 563.3 | -188.3 | 1,240.8 | 1,219.3 | 21.42 | 57.918 | |
| 4,500.0 | 4,434.6 | 4,439.5 | 4,386.6 | 16.9 | 14.6 | 164.42 | | 574.2 | -191.6 | 1,265.2 | 1,243.2 | 21.98 | 57.571 | |
| 4,532.6 | 4,466.6 | 4,494.9 | 4,441.9 | 17.0 | 14.7 | 164.53 | | 575.8 | -192.1 | 1,271.9 | 1,249.8 | 22.15 | 57.418 | |
| 4,600.0 | 4,533.0 | 4,585.9 | 4,533.0 | 17.2 | 14.8 | 164.78 | | 576.4 | -192.3 | 1,283.6 | 1,261.1 | 22.53 | 56.984 | |
| 4,700.0 | 4,631.9 | 4,684.9 | 4,631.9 | 17.5 | 14.9 | 165.02 | | 576.4 | -192.3 | 1,297.7 | 1,274.7 | 23.00 | 56.412 | |
| 4,800.0 | 4,731.3 | 4,784.2 | 4,731.3 | 17.7 | 15.1 | 165.20 | | 576.4 | -192.3 | 1,308.5 | 1,285.0 | 23.45 | 55.788 | |
| 4,900.0 | 4,831.0 | 4,883.9 | 4,831.0 | 17.9 | 15.2 | 165.32 | | 576.4 | -192.3 | 1,315.8 | 1,292.0 | 23.87 | 55.122 | |
| 5,000.0 | 4,930.9 | 4,983.8 | 4,930.9 | 18.0 | 15.4 | 165.39 | | 576.4 | -192.3 | 1,319.9 | 1,295.6 | 24.26 | 54.416 | |
| 5,069.1 | 5,000.0 | 5,053.0 | 5,000.0 | 18.1 | 15.5 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,296.2 | 24.51 | 53.879 | |
| 5,100.0 | 5,030.9 | 5,083.8 | 5,030.9 | 18.2 | 15.5 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,296.0 | 24.63 | 53.628 | |
| 5,200.0 | 5,130.9 | 5,183.8 | 5,130.9 | 18.3 | 15.7 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,295.7 | 24.98 | 52.859 | |
| 5,300.0 | 5,230.9 | 5,283.8 | 5,230.9 | 18.4 | 15.9 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,295.3 | 25.35 | 52.106 | |
| 5,400.0 | 5,330.9 | 5,383.8 | 5,330.9 | 18.5 | 16.0 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,295.0 | 25.71 | 51.369 | |
| 5,500.0 | 5,430.9 | 5,483.8 | 5,430.9 | 18.6 | 16.2 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,294.6 | 26.08 | 50.647 | |
| 5,600.0 | 5,530.9 | 5,583.8 | 5,530.9 | 18.7 | 16.3 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,294.2 | 26.44 | 49.941 | |
| 5,700.0 | 5,630.9 | 5,683.8 | 5,630.9 | 18.8 | 16.5 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,293.9 | 26.82 | 49.250 | |
| 5,800.0 | 5,730.9 | 5,783.8 | 5,730.9 | 18.9 | 16.7 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,293.5 | 27.19 | 48.573 | |
| 5,900.0 | 5,830.9 | 5,883.8 | 5,830.9 | 19.1 | 16.8 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,293.1 | 27.57 | 47.911 | |
| 6,000.0 | 5,930.9 | 5,983.8 | 5,930.9 | 19.2 | 17.0 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,292.7 | 27.94 | 47.263 | |
| 6,100.0 | 6,030.9 | 6,083.8 | 6,030.9 | 19.3 | 17.2 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,292.3 | 28.32 | 46.629 | |
| 6,200.0 | 6,130.9 | 6,183.8 | 6,130.9 | 19.4 | 17.3 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,292.0 | 28.70 | 46.009 | |
| 6,300.0 | 6,230.9 | 6,283.8 | 6,230.9 | 19.5 | 17.5 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,291.6 | 29.09 | 45.402 | |
| 6,400.0 | 6,330.9 | 6,383.8 | 6,330.9 | 19.7 | 17.7 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,291.2 | 29.47 | 44.808 | |
| 6,500.0 | 6,430.9 | 6,483.8 | 6,430.9 | 19.8 | 17.8 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,290.8 | 29.86 | 44.226 | |
| 6,600.0 | 6,530.9 | 6,583.8 | 6,530.9 | 19.9 | 18.0 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,290.4 | 30.25 | 43.657 | |
| 6,700.0 | 6,630.9 | 6,683.8 | 6,630.9 | 20.1 | 18.2 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,290.0 | 30.64 | 43.101 | |
| 6,800.0 | 6,730.9 | 6,783.8 | 6,730.9 | 20.2 | 18.4 | 0.17 | | 576.4 | -192.3 | 1,320.7 | 1,289.6 | 31.03 | 42.556 | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|--|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Schlotthauer 4-26 |
| Project: | SEC.23-T7N-R67W | TVD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Reference Site: | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | MD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Schlotthauer 4-26 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #1 (10-27-11) | Offset TVD Reference: | Offset Datum |

| Offset Design Schlotthauer 13-23 Pad Sec.23-T7N-R67W - Schlotthauer 13-23 - Wellbore #1 - Plan #1 (10-27-11) | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Reference | Offset | | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | |
| 6,900.0 | 6,830.9 | 6,883.8 | 6,830.9 | 20.3 | 18.5 | 0.17 | 576.4 | -192.3 | 1,320.7 | 1,289.2 | 31.43 | 42.023 | | |
| 7,000.0 | 6,930.9 | 6,983.8 | 6,930.9 | 20.5 | 18.7 | 0.17 | 576.4 | -192.3 | 1,320.7 | 1,288.8 | 31.82 | 41.501 | | |
| 7,100.0 | 7,030.9 | 7,083.8 | 7,030.9 | 20.6 | 18.9 | 0.17 | 576.4 | -192.3 | 1,320.7 | 1,288.5 | 32.22 | 40.990 | | |
| 7,200.0 | 7,130.9 | 7,183.8 | 7,130.9 | 20.8 | 19.1 | 0.17 | 576.4 | -192.3 | 1,320.7 | 1,288.1 | 32.62 | 40.490 | | |
| 7,300.0 | 7,230.9 | 7,283.8 | 7,230.9 | 20.9 | 19.3 | 0.17 | 576.4 | -192.3 | 1,320.7 | 1,287.7 | 33.02 | 40.000 | | |
| 7,400.0 | 7,330.9 | 7,383.8 | 7,330.9 | 21.0 | 19.4 | 0.17 | 576.4 | -192.3 | 1,320.7 | 1,287.3 | 33.42 | 39.521 | | |
| 7,500.0 | 7,430.9 | 7,483.8 | 7,430.9 | 21.2 | 19.6 | 0.17 | 576.4 | -192.3 | 1,320.7 | 1,286.9 | 33.82 | 39.051 | | |
| 7,584.1 | 7,515.0 | 7,568.0 | 7,515.0 | 21.3 | 19.8 | 0.17 | 576.4 | -192.3 | 1,320.7 | 1,286.5 | 34.16 | 38.664 | | |

| | | | |
|---------------------------|--|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Schlotthauer 4-26 |
| Project: | SEC.23-T7N-R67W | TVD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Reference Site: | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | MD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Schlotthauer 4-26 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #1 (10-27-11) | Offset TVD Reference: | Offset Datum |

| Schlotthauer 13-23 Pad Sec.23-T7N-R67W - Schlotthauer 3-26 - Wellbore #1 - Plan #1 (10-27-11) | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|---|---------------------|---------------------|---------------------|----------------|-------------|-----------------------|-----------------------------------|-------------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Reference | Offset | Semi Major Axis | | Distance | | Minimum Separation | | Separation Factor | | Warning | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 89.94 | 0.0 | 15.0 | 15.0 | 15.0 | 0.00 | N/A | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 89.94 | 0.0 | 15.0 | 15.0 | 14.8 | 0.22 | 66.764 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 89.94 | 0.0 | 15.0 | 15.0 | 14.3 | 0.67 | 22.255 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | 89.94 | 0.0 | 15.0 | 15.0 | 13.9 | 1.12 | 13.353 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | 89.94 | 0.0 | 15.0 | 15.0 | 13.4 | 1.57 | 9.538 CC, ES | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | -111.05 | 0.0 | 15.0 | 15.5 | 13.5 | 2.00 | 7.785 | | |
| 600.0 | 599.8 | 599.8 | 599.8 | 1.2 | 1.2 | -126.65 | 0.0 | 15.0 | 18.1 | 15.7 | 2.41 | 7.499 SF | | |
| 700.0 | 699.5 | 699.3 | 699.3 | 1.4 | 1.4 | -142.28 | -0.2 | 15.4 | 24.5 | 21.6 | 2.84 | 8.619 | | |
| 800.0 | 798.7 | 798.4 | 798.3 | 1.7 | 1.6 | -148.94 | -2.1 | 18.2 | 35.5 | 32.2 | 3.25 | 10.902 | | |
| 900.0 | 897.5 | 897.0 | 896.7 | 2.0 | 1.8 | -150.31 | -5.9 | 23.8 | 50.3 | 46.6 | 3.70 | 13.600 | | |
| 936.5 | 933.4 | 932.8 | 932.4 | 2.1 | 1.9 | -150.18 | -7.8 | 26.6 | 56.6 | 52.7 | 3.87 | 14.616 | | |
| 1,000.0 | 995.8 | 995.0 | 994.2 | 2.3 | 2.1 | -149.38 | -11.6 | 32.2 | 68.1 | 63.9 | 4.19 | 16.270 | | |
| 1,100.0 | 1,094.0 | 1,092.6 | 1,090.9 | 2.7 | 2.3 | -146.75 | -19.0 | 43.3 | 86.9 | 82.1 | 4.73 | 18.355 | | |
| 1,200.0 | 1,192.3 | 1,189.6 | 1,186.4 | 3.1 | 2.6 | -143.33 | -28.3 | 57.0 | 106.7 | 101.3 | 5.34 | 19.965 | | |
| 1,300.0 | 1,290.5 | 1,285.8 | 1,280.6 | 3.5 | 3.0 | -139.58 | -39.2 | 73.3 | 127.9 | 121.8 | 6.02 | 21.247 | | |
| 1,400.0 | 1,388.8 | 1,380.9 | 1,373.0 | 3.9 | 3.4 | -135.78 | -51.8 | 91.9 | 150.7 | 144.0 | 6.75 | 22.330 | | |
| 1,500.0 | 1,487.0 | 1,474.8 | 1,463.5 | 4.3 | 3.8 | -132.07 | -65.8 | 112.8 | 175.6 | 168.1 | 7.53 | 23.312 | | |
| 1,600.0 | 1,585.3 | 1,569.9 | 1,554.5 | 4.7 | 4.3 | -128.67 | -81.3 | 135.8 | 202.2 | 193.8 | 8.35 | 24.212 | | |
| 1,700.0 | 1,683.5 | 1,665.7 | 1,646.1 | 5.1 | 4.9 | -126.01 | -96.9 | 159.0 | 229.3 | 220.1 | 9.18 | 24.990 | | |
| 1,800.0 | 1,781.8 | 1,761.4 | 1,737.6 | 5.5 | 5.4 | -123.92 | -112.5 | 182.1 | 256.8 | 246.8 | 10.00 | 25.683 | | |
| 1,900.0 | 1,880.0 | 1,857.2 | 1,829.2 | 5.9 | 6.0 | -122.23 | -128.1 | 205.3 | 284.6 | 273.7 | 10.83 | 26.287 | | |
| 2,000.0 | 1,978.3 | 1,953.0 | 1,920.8 | 6.3 | 6.5 | -120.84 | -143.7 | 228.5 | 312.5 | 300.9 | 11.65 | 26.821 | | |
| 2,100.0 | 2,076.5 | 2,048.7 | 2,012.4 | 6.8 | 7.1 | -119.68 | -159.3 | 251.7 | 340.6 | 328.1 | 12.48 | 27.294 | | |
| 2,200.0 | 2,174.8 | 2,144.5 | 2,104.0 | 7.2 | 7.7 | -118.69 | -174.9 | 274.9 | 368.8 | 355.5 | 13.31 | 27.715 | | |
| 2,300.0 | 2,273.0 | 2,240.2 | 2,195.6 | 7.6 | 8.3 | -117.85 | -190.5 | 298.0 | 397.1 | 383.0 | 14.14 | 28.092 | | |
| 2,400.0 | 2,371.3 | 2,336.0 | 2,287.2 | 8.0 | 8.9 | -117.11 | -206.1 | 321.2 | 425.5 | 410.5 | 14.97 | 28.431 | | |
| 2,500.0 | 2,469.5 | 2,431.8 | 2,378.8 | 8.4 | 9.4 | -116.47 | -221.7 | 344.4 | 453.9 | 438.1 | 15.79 | 28.738 | | |
| 2,600.0 | 2,567.8 | 2,527.5 | 2,470.4 | 8.9 | 10.0 | -115.91 | -237.3 | 367.6 | 482.4 | 465.8 | 16.62 | 29.016 | | |
| 2,700.0 | 2,666.0 | 2,623.3 | 2,562.0 | 9.3 | 10.6 | -115.40 | -252.9 | 390.8 | 510.9 | 493.4 | 17.45 | 29.269 | | |
| 2,800.0 | 2,764.3 | 2,719.0 | 2,653.6 | 9.7 | 11.2 | -114.95 | -268.5 | 414.0 | 539.4 | 521.1 | 18.28 | 29.501 | | |
| 2,900.0 | 2,862.5 | 2,814.8 | 2,745.2 | 10.1 | 11.8 | -114.55 | -284.1 | 437.1 | 568.0 | 548.9 | 19.12 | 29.714 | | |
| 3,000.0 | 2,960.8 | 2,910.6 | 2,836.8 | 10.5 | 12.4 | -114.18 | -299.7 | 460.3 | 596.6 | 576.6 | 19.95 | 29.909 | | |
| 3,100.0 | 3,059.0 | 3,006.3 | 2,928.4 | 11.0 | 13.0 | -113.85 | -315.3 | 483.5 | 625.2 | 604.4 | 20.78 | 30.090 | | |
| 3,200.0 | 3,157.3 | 3,102.1 | 3,019.9 | 11.4 | 13.6 | -113.55 | -330.9 | 506.7 | 653.8 | 632.2 | 21.61 | 30.257 | | |
| 3,300.0 | 3,255.5 | 3,197.8 | 3,111.5 | 11.8 | 14.2 | -113.27 | -346.5 | 529.9 | 682.4 | 660.0 | 22.44 | 30.413 | | |
| 3,400.0 | 3,353.8 | 3,293.6 | 3,203.1 | 12.2 | 14.8 | -113.01 | -362.1 | 553.0 | 711.1 | 687.8 | 23.27 | 30.557 | | |
| 3,500.0 | 3,452.0 | 3,389.4 | 3,294.7 | 12.6 | 15.4 | -112.78 | -377.7 | 576.2 | 739.8 | 715.7 | 24.10 | 30.692 | | |
| 3,600.0 | 3,550.3 | 3,485.1 | 3,386.3 | 13.1 | 16.0 | -112.56 | -393.3 | 599.4 | 768.4 | 743.5 | 24.93 | 30.818 | | |
| 3,700.0 | 3,648.6 | 3,580.9 | 3,477.9 | 13.5 | 16.6 | -112.35 | -408.9 | 622.6 | 797.1 | 771.4 | 25.77 | 30.936 | | |
| 3,800.0 | 3,746.8 | 3,676.6 | 3,569.5 | 13.9 | 17.2 | -112.17 | -424.5 | 645.8 | 825.8 | 799.2 | 26.60 | 31.047 | | |
| 3,900.0 | 3,845.1 | 3,772.4 | 3,661.1 | 14.3 | 17.8 | -111.99 | -440.1 | 668.9 | 854.5 | 827.1 | 27.43 | 31.151 | | |
| 4,000.0 | 3,943.3 | 3,868.2 | 3,752.7 | 14.8 | 18.3 | -111.83 | -455.7 | 692.1 | 883.2 | 855.0 | 28.26 | 31.250 | | |
| 4,100.0 | 4,041.6 | 3,963.9 | 3,844.3 | 15.2 | 18.9 | -111.67 | -471.3 | 715.3 | 912.0 | 882.9 | 29.10 | 31.342 | | |
| 4,200.0 | 4,139.8 | 4,059.7 | 3,935.9 | 15.6 | 19.5 | -111.53 | -486.9 | 738.5 | 940.7 | 910.8 | 29.93 | 31.430 | | |
| 4,300.0 | 4,238.1 | 4,155.4 | 4,027.5 | 16.0 | 20.1 | -111.39 | -502.5 | 761.7 | 969.4 | 938.6 | 30.76 | 31.513 | | |
| 4,400.0 | 4,336.3 | 4,251.2 | 4,119.1 | 16.4 | 20.7 | -111.26 | -518.1 | 784.8 | 998.1 | 966.5 | 31.60 | 31.591 | | |
| 4,500.0 | 4,434.6 | 4,347.0 | 4,210.7 | 16.9 | 21.3 | -111.14 | -533.7 | 808.0 | 1,026.9 | 994.4 | 32.43 | 31.666 | | |
| 4,532.6 | 4,466.6 | 4,378.2 | 4,240.5 | 17.0 | 21.5 | -111.10 | -538.8 | 815.6 | 1,036.3 | 1,003.6 | 32.70 | 31.690 | | |
| 4,600.0 | 4,533.0 | 4,442.8 | 4,302.3 | 17.2 | 21.9 | -111.36 | -549.3 | 831.2 | 1,055.3 | 1,022.1 | 33.28 | 31.707 | | |
| 4,700.0 | 4,631.9 | 4,538.8 | 4,394.1 | 17.5 | 22.5 | -111.57 | -564.9 | 854.5 | 1,082.7 | 1,048.6 | 34.05 | 31.801 | | |
| 4,800.0 | 4,731.3 | 4,634.9 | 4,486.1 | 17.7 | 23.1 | -111.60 | -580.6 | 877.7 | 1,108.8 | 1,074.1 | 34.75 | 31.909 | | |

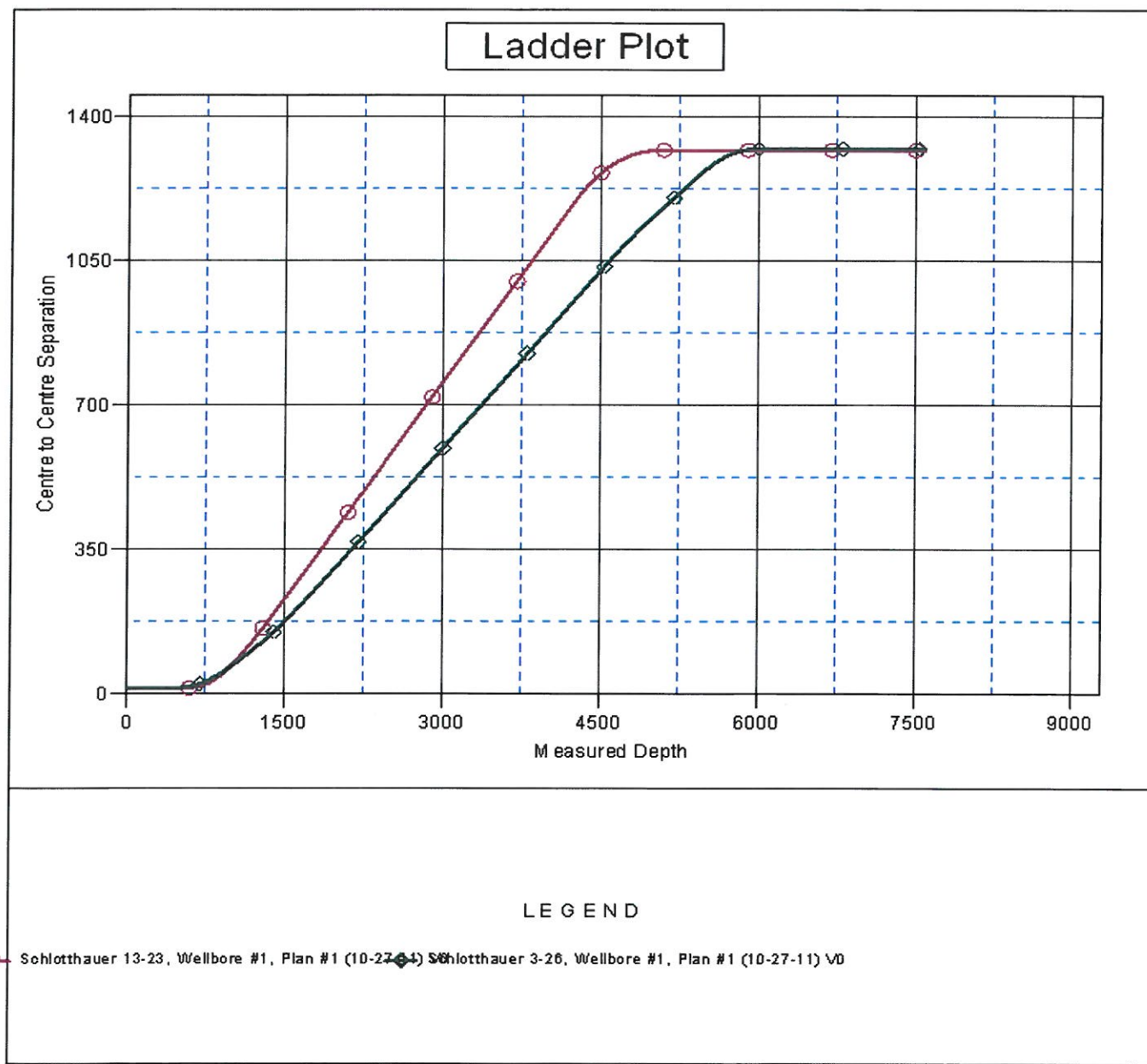
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|--|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Schlotthauer 4-26 |
| Project: | SEC.23-T7N-R67W | TVD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Reference Site: | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | MD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Schlotthauer 4-26 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #1 (10-27-11) | Offset TVD Reference: | Offset Datum |

| Offset Design Schlotthauer 13-23 Pad Sec.23-T7N-R67W - Schlotthauer 3-26 - Wellbore #1 - Plan #1 (10-27-11) | | | | | | | | | | | | | Offset Site Error: 0.0 ft |
|---|---------------------|---------------------|---------------------|----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|---------------------------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: 0.0 ft |
| Reference | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | |
| 4,900.0 | 4,831.0 | 4,731.0 | 4,578.0 | 17.9 | 23.7 | -111.46 | -596.2 | 901.0 | 1,133.8 | 1,098.4 | 35.39 | 32.035 | |
| 5,000.0 | 4,930.9 | 4,827.0 | 4,669.8 | 18.0 | 24.3 | -111.16 | -611.9 | 924.2 | 1,157.7 | 1,121.8 | 35.97 | 32.184 | |
| 5,069.1 | 5,000.0 | 4,893.2 | 4,733.1 | 18.1 | 24.8 | 83.89 | -622.7 | 940.2 | 1,173.7 | 1,137.3 | 36.35 | 32.292 | |
| 5,100.0 | 5,030.9 | 4,922.7 | 4,761.3 | 18.2 | 24.9 | 84.17 | -627.5 | 947.4 | 1,180.7 | 1,144.2 | 36.48 | 32.365 | |
| 5,200.0 | 5,130.9 | 5,018.3 | 4,852.8 | 18.3 | 25.5 | 85.04 | -643.0 | 970.5 | 1,203.7 | 1,166.8 | 36.90 | 32.622 | |
| 5,300.0 | 5,230.9 | 5,114.0 | 4,944.3 | 18.4 | 26.1 | 85.88 | -658.6 | 993.7 | 1,226.9 | 1,189.6 | 37.31 | 32.885 | |
| 5,400.0 | 5,330.9 | 5,209.6 | 5,035.8 | 18.5 | 26.7 | 86.69 | -674.2 | 1,016.9 | 1,250.4 | 1,212.7 | 37.72 | 33.153 | |
| 5,500.0 | 5,430.9 | 5,342.9 | 5,163.8 | 18.6 | 27.4 | 87.73 | -694.9 | 1,047.6 | 1,273.1 | 1,235.0 | 38.14 | 33.378 | |
| 5,600.0 | 5,530.9 | 5,496.6 | 5,313.3 | 18.7 | 28.0 | 88.67 | -714.7 | 1,077.1 | 1,292.1 | 1,253.5 | 38.53 | 33.538 | |
| 5,700.0 | 5,630.9 | 5,653.8 | 5,468.0 | 18.8 | 28.5 | 89.38 | -730.3 | 1,100.3 | 1,306.7 | 1,267.8 | 38.88 | 33.606 | |
| 5,800.0 | 5,730.9 | 5,813.7 | 5,626.6 | 18.9 | 28.9 | 89.87 | -741.3 | 1,116.6 | 1,316.9 | 1,277.7 | 39.23 | 33.573 | |
| 5,900.0 | 5,830.9 | 5,975.3 | 5,787.8 | 19.1 | 29.2 | 90.14 | -747.4 | 1,125.6 | 1,322.5 | 1,283.0 | 39.54 | 33.444 | |
| 6,000.0 | 5,930.9 | 6,118.3 | 5,930.9 | 19.2 | 29.3 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,283.8 | 39.84 | 33.225 | |
| 6,100.0 | 6,030.9 | 6,218.3 | 6,030.9 | 19.3 | 29.4 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,283.6 | 40.08 | 33.027 | |
| 6,200.0 | 6,130.9 | 6,318.3 | 6,130.9 | 19.4 | 29.5 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,283.3 | 40.32 | 32.828 | |
| 6,300.0 | 6,230.9 | 6,418.3 | 6,230.9 | 19.5 | 29.6 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,283.1 | 40.57 | 32.629 | |
| 6,400.0 | 6,330.9 | 6,518.3 | 6,330.9 | 19.7 | 29.7 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,282.8 | 40.82 | 32.430 | |
| 6,500.0 | 6,430.9 | 6,618.3 | 6,430.9 | 19.8 | 29.8 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,282.6 | 41.07 | 32.230 | |
| 6,600.0 | 6,530.9 | 6,718.3 | 6,530.9 | 19.9 | 29.9 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,282.3 | 41.33 | 32.030 | |
| 6,700.0 | 6,630.9 | 6,818.3 | 6,630.9 | 20.1 | 30.0 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,282.1 | 41.59 | 31.830 | |
| 6,800.0 | 6,730.9 | 6,918.3 | 6,730.9 | 20.2 | 30.0 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,281.8 | 41.85 | 31.630 | |
| 6,900.0 | 6,830.9 | 7,018.3 | 6,830.9 | 20.3 | 30.1 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,281.5 | 42.11 | 31.430 | |
| 7,000.0 | 6,930.9 | 7,118.3 | 6,930.9 | 20.5 | 30.2 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,281.3 | 42.38 | 31.231 | |
| 7,100.0 | 7,030.9 | 7,218.3 | 7,030.9 | 20.6 | 30.4 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,281.0 | 42.66 | 31.031 | |
| 7,200.0 | 7,130.9 | 7,318.3 | 7,130.9 | 20.8 | 30.5 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,280.7 | 42.93 | 30.832 | |
| 7,300.0 | 7,230.9 | 7,418.3 | 7,230.9 | 20.9 | 30.6 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,280.4 | 43.21 | 30.634 | |
| 7,400.0 | 7,330.9 | 7,518.3 | 7,330.9 | 21.0 | 30.7 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,280.2 | 43.49 | 30.436 | |
| 7,500.0 | 7,430.9 | 7,618.3 | 7,430.9 | 21.2 | 30.8 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,279.9 | 43.77 | 30.239 | |
| 7,530.7 | 7,461.5 | 7,649.0 | 7,461.5 | 21.2 | 30.8 | 90.19 | -748.6 | 1,127.4 | 1,323.6 | 1,279.8 | 43.86 | 30.178 | |
| 7,584.1 | 7,515.0 | 7,662.5 | 7,475.0 | 21.3 | 30.8 | 90.19 | -748.6 | 1,127.4 | 1,324.3 | 1,280.3 | 43.96 | 30.125 | |

| | | | |
|---------------------------|--|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Schlotthauer 4-26 |
| Project: | SEC.23-T7N-R67W | TVD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Reference Site: | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | MD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Schlotthauer 4-26 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #1 (10-27-11) | Offset TVD Reference: | Offset Datum |

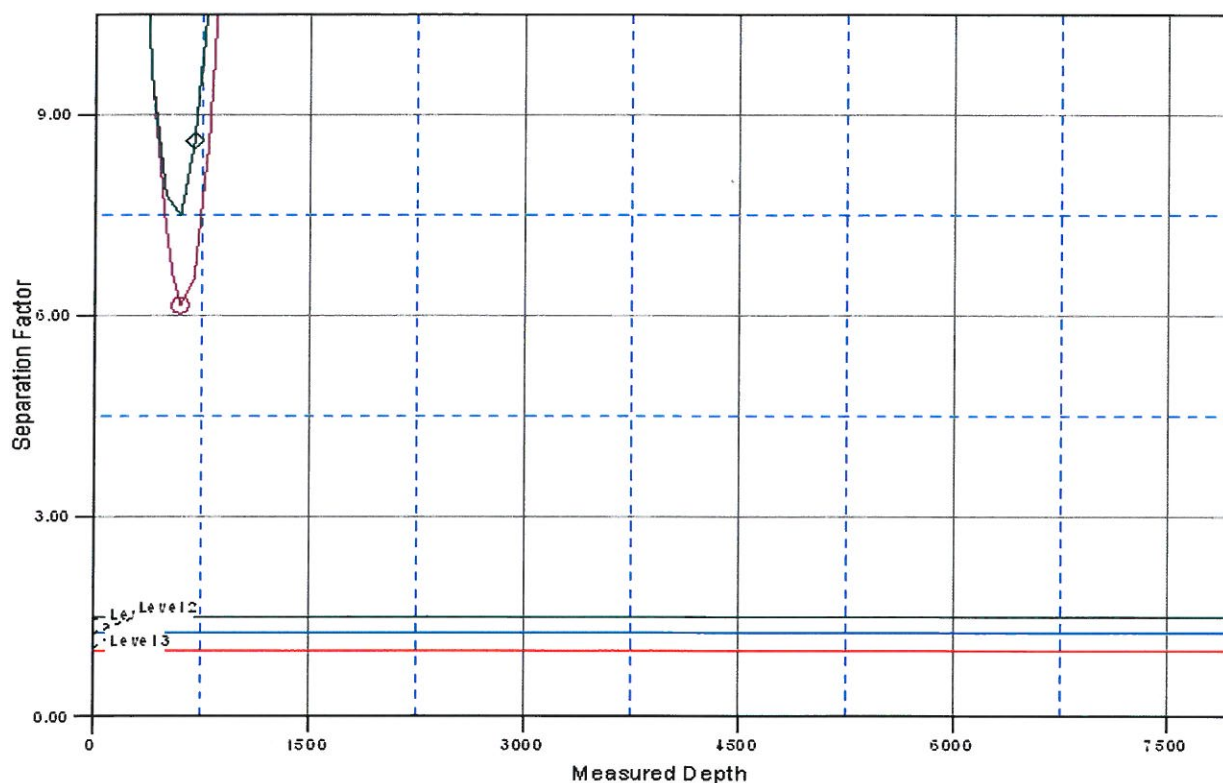
Reference Depths are relative to WELL @ 4977.0ft (Original Well Elev) Coordinates are relative to: Schlotthauer 4-26
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000 °
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.41°



| | | | |
|---------------------------|--|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Schlotthauer 4-26 |
| Project: | SEC.23-T7N-R67W | TVD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Reference Site: | Schlotthauer 13-23 Pad Sec.23-T7N-R67W | MD Reference: | WELL @ 4977.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Schlotthauer 4-26 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #1 (10-27-11) | Offset TVD Reference: | Offset Datum |

Reference Depths are relative to WELL @ 4977.0ft (Original Well Elev) Coordinates are relative to: Schlotthauer 4-26
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
 Central Meridian is -105.500000 ° Grid Convergence at Surface is: 0.41°

Separation Factor Plot



LEGEND

Schlotthauer 13-23, Wellbore #1, Plan #1 (10-27-11) V0
 Schlotthauer 3-26, Wellbore #1, Plan #1 (10-27-11) V0