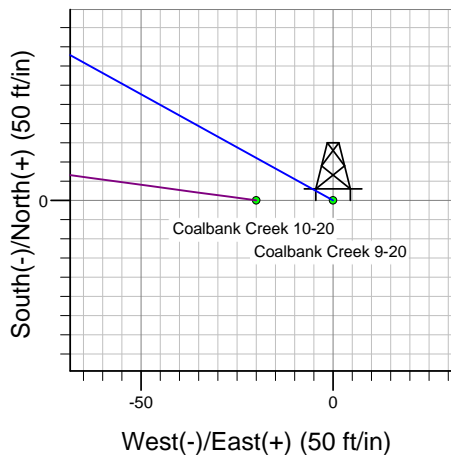
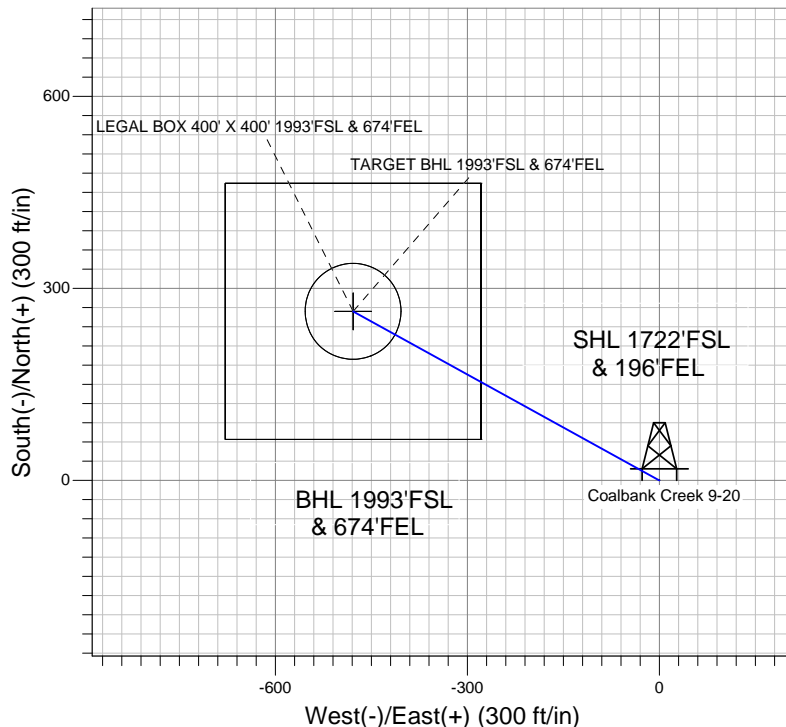
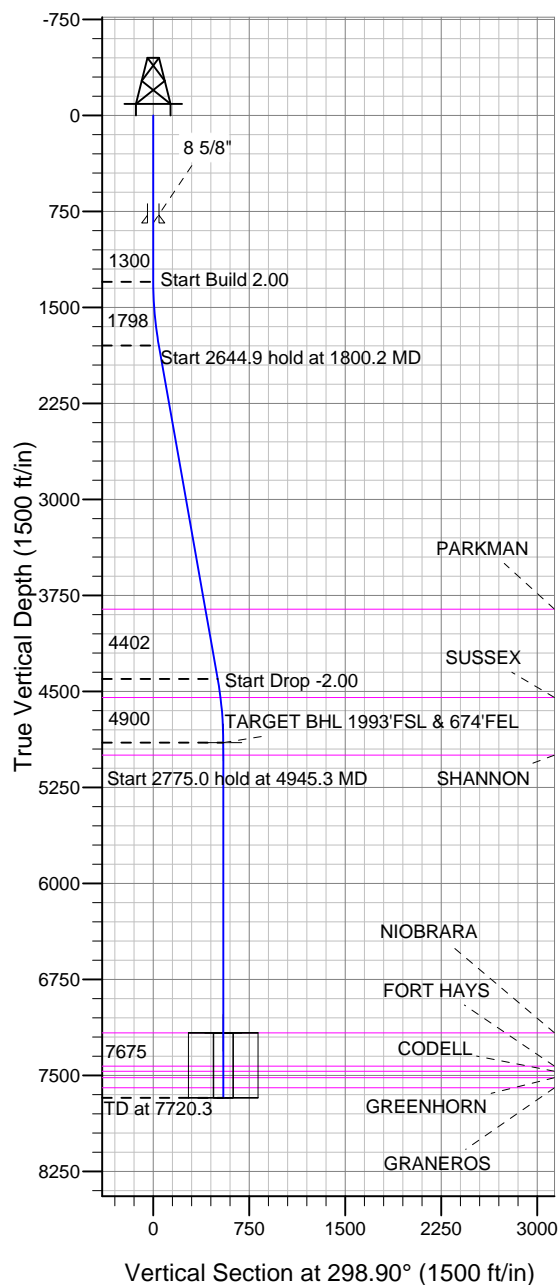


Well Name: Coalbank Creek 9-20

Surface Location: Coalbank Creek 9-20 Pad Sec.20-T7N-R66W
North American Datum 1983, US State Plane 1983 Colorado Northern Zone
Ground Elevation: 4932.0

| | | | | | | |
|-------|-------|--------------------|--------------------------------------|-----------|-------------|------|
| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Slot |
| 0.0 | 0.0 | 1446848.51 | 3196358.17 | 40.557851 | -104.793317 | |
| | | Original Well Elev | WELL @ 4942.0ft (Original Well Elev) | | | |

BAYSWATER EXPLORATION & PRODUCTION



Coalbank Creek 9-20 Pad Sec.20-T7N-R66W
Coalbank Creek 9-20
Plan #2 (1-6-12)
16:06, January 06 2012



Azimuths to True North
Magnetic North: 8.82°
Magnetic Field
Strength: 53150.9snT
Dip Angle: 67.15°
Date: 1/6/2012
Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Latitude | Longitude | Shape |
|------------------------------------------|--------|-------|--------|-----------|-------------|----------------------------------|
| TARGET BHL 1993'FSL & 674'FEL | 4900.0 | 264.1 | -478.5 | 40.558576 | -104.795039 | Point |
| LEGAL BOX 400' X 400' 1993'FSL & 674'FEL | 7167.0 | 264.2 | -478.4 | 40.558576 | -104.795039 | Rectangle (Sides: L400.0 W400.0) |
| TARGET CIRCLE 1993'FSL & 674'FEL | 7167.0 | 264.1 | -478.5 | 40.558576 | -104.795039 | Circle (Radius: 75.0) |

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 | 1300.0 | 0.00 | 0.00 | 1300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 1800.2 | 10.00 | 298.90 | 1797.6 | 21.0 | -38.1 | 2.00 | 298.90 | 43.6 | |
| 4 | 4445.1 | 10.00 | 298.90 | 4402.4 | 243.1 | -440.4 | 0.00 | 0.00 | 503.0 | |
| 5 | 4945.3 | 0.00 | 0.00 | 4900.0 | 264.1 | -478.5 | 2.00 | 180.00 | 546.6 | |
| 6 | 7720.3 | 0.00 | 0.00 | 7675.0 | 264.1 | -478.5 | 0.00 | 0.00 | 546.6 | TARGET BHL 1993'FSL & 674'FEL |



BAYSWATER EXPLORATION & PRODUCTION

SEC.20-T7N-R66W

Coalbank Creek 9-20 Pad Sec.20-T7N-R66W

Coalbank Creek 9-20

Wellbore #1

Plan: Plan #2 (1-6-12)

Standard Planning Report

06 January, 2012

| | | | |
|------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Company: | BAYSWATER EXPLORATION & PRODUCTION | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Project: | SEC.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | North Reference: | True |
| Well: | Coalbank Creek 9-20 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (1-6-12) | | |

| | | | |
|--------------------|----------------------------------|----------------------|-----------------------------|
| Project | SEC.20-T7N-R66W, 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 | | | | | | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | | | | | | | | | | | |
| Site Position: | | | | | | Northing: | | | 1,446,597.85 ft | | | Latitude: | | | 40.557184 | | |
| From: | | | Lat/Long | | | Easting: | | | 3,195,394.00 ft | | | Longitude: | | | -104.796794 | | |
| Position Uncertainty: | | | 0.0 ft | | | Slot Radius: | | | " | | | Grid Convergence: | | | 0.45 ° | | |

| Well | Coalbank Creek 9-20 | | | | | |
|----------------------|---------------------|----------|---------------------|-----------------|---------------|-------------|
| Well Position | +N/-S | 243.0 ft | Northing: | 1,446,848.51 ft | Latitude: | 40.557851 |
| | +E/-W | 966.2 ft | Easting: | 3,196,358.17 ft | Longitude: | -104.793317 |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 4,932.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 1/6/2012 | 8.82 | 67.15 | 53,151 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | Plan #2 (1-6-12) | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 298.90 |

| 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 | |
| 1,300.0 | 0.00 | 0.00 | 1,300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,800.2 | 10.00 | 298.90 | 1,797.6 | 21.0 | -38.1 | 2.00 | 2.00 | 0.00 | 298.90 | |
| 4,445.1 | 10.00 | 298.90 | 4,402.4 | 243.1 | -440.4 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,945.3 | 0.00 | 0.00 | 4,900.0 | 264.1 | -478.5 | 2.00 | -2.00 | 0.00 | 180.00 | TARGET BHL 1993 |
| 7,720.3 | 0.00 | 0.00 | 7,675.0 | 264.1 | -478.5 | 0.00 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Company: | BAYSWATER EXPLORATION & PRODUCTION | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Project: | SEC.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | North Reference: | True |
| Well: | Coalbank Creek 9-20 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (1-6-12) | | |

| 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 | 0.00 | 0.00 | 440.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 480.0 | 0.00 | 0.00 | 480.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 520.0 | 0.00 | 0.00 | 520.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 560.0 | 0.00 | 0.00 | 560.0 | 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 |
| 640.0 | 0.00 | 0.00 | 640.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 680.0 | 0.00 | 0.00 | 680.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 720.0 | 0.00 | 0.00 | 720.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 760.0 | 0.00 | 0.00 | 760.0 | 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 |
| 840.0 | 0.00 | 0.00 | 840.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 8 5/8" | | | | | | | | | |
| 880.0 | 0.00 | 0.00 | 880.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 920.0 | 0.00 | 0.00 | 920.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 960.0 | 0.00 | 0.00 | 960.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 0.00 | 0.00 | 1,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,040.0 | 0.00 | 0.00 | 1,040.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,080.0 | 0.00 | 0.00 | 1,080.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,120.0 | 0.00 | 0.00 | 1,120.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,160.0 | 0.00 | 0.00 | 1,160.0 | 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 |
| 1,240.0 | 0.00 | 0.00 | 1,240.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,280.0 | 0.00 | 0.00 | 1,280.0 | 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 |
| 1,320.0 | 0.40 | 298.90 | 1,320.0 | 0.0 | -0.1 | 0.1 | 2.00 | 2.00 | 0.00 |
| 1,360.0 | 1.20 | 298.90 | 1,360.0 | 0.3 | -0.6 | 0.6 | 2.00 | 2.00 | 0.00 |
| 1,400.0 | 2.00 | 298.90 | 1,400.0 | 0.8 | -1.5 | 1.7 | 2.00 | 2.00 | 0.00 |
| 1,440.0 | 2.80 | 298.90 | 1,439.9 | 1.7 | -3.0 | 3.4 | 2.00 | 2.00 | 0.00 |
| 1,480.0 | 3.60 | 298.90 | 1,479.9 | 2.7 | -4.9 | 5.7 | 2.00 | 2.00 | 0.00 |
| 1,520.0 | 4.40 | 298.90 | 1,519.8 | 4.1 | -7.4 | 8.4 | 2.00 | 2.00 | 0.00 |
| 1,560.0 | 5.20 | 298.90 | 1,559.6 | 5.7 | -10.3 | 11.8 | 2.00 | 2.00 | 0.00 |
| 1,600.0 | 6.00 | 298.90 | 1,599.5 | 7.6 | -13.7 | 15.7 | 2.00 | 2.00 | 0.00 |
| 1,640.0 | 6.80 | 298.90 | 1,639.2 | 9.7 | -17.6 | 20.2 | 2.00 | 2.00 | 0.00 |
| 1,680.0 | 7.60 | 298.90 | 1,678.9 | 12.2 | -22.0 | 25.2 | 2.00 | 2.00 | 0.00 |
| 1,720.0 | 8.40 | 298.90 | 1,718.5 | 14.9 | -26.9 | 30.7 | 2.00 | 2.00 | 0.00 |
| 1,760.0 | 9.20 | 298.90 | 1,758.0 | 17.8 | -32.3 | 36.9 | 2.00 | 2.00 | 0.00 |
| 1,800.0 | 10.00 | 298.90 | 1,797.5 | 21.0 | -38.1 | 43.5 | 2.00 | 2.00 | 0.00 |
| 1,800.2 | 10.00 | 298.90 | 1,797.6 | 21.0 | -38.1 | 43.6 | 2.00 | 2.00 | 0.00 |
| 1,840.0 | 10.00 | 298.90 | 1,836.9 | 24.4 | -44.2 | 50.5 | 0.00 | 0.00 | 0.00 |
| 1,880.0 | 10.00 | 298.90 | 1,876.2 | 27.8 | -50.3 | 57.4 | 0.00 | 0.00 | 0.00 |
| 1,920.0 | 10.00 | 298.90 | 1,915.6 | 31.1 | -56.4 | 64.4 | 0.00 | 0.00 | 0.00 |
| 1,960.0 | 10.00 | 298.90 | 1,955.0 | 34.5 | -62.4 | 71.3 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Company: | BAYSWATER EXPLORATION & PRODUCTION | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Project: | SEC.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | North Reference: | True |
| Well: | Coalbank Creek 9-20 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (1-6-12) | | |

| 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 | 10.00 | 298.90 | 1,994.4 | 37.8 | -68.5 | 78.3 | 0.00 | 0.00 | 0.00 |
| 2,040.0 | 10.00 | 298.90 | 2,033.8 | 41.2 | -74.6 | 85.2 | 0.00 | 0.00 | 0.00 |
| 2,080.0 | 10.00 | 298.90 | 2,073.2 | 44.5 | -80.7 | 92.2 | 0.00 | 0.00 | 0.00 |
| 2,120.0 | 10.00 | 298.90 | 2,112.6 | 47.9 | -86.8 | 99.1 | 0.00 | 0.00 | 0.00 |
| 2,160.0 | 10.00 | 298.90 | 2,152.0 | 51.3 | -92.8 | 106.1 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 10.00 | 298.90 | 2,191.4 | 54.6 | -98.9 | 113.0 | 0.00 | 0.00 | 0.00 |
| 2,240.0 | 10.00 | 298.90 | 2,230.8 | 58.0 | -105.0 | 120.0 | 0.00 | 0.00 | 0.00 |
| 2,280.0 | 10.00 | 298.90 | 2,270.2 | 61.3 | -111.1 | 126.9 | 0.00 | 0.00 | 0.00 |
| 2,320.0 | 10.00 | 298.90 | 2,309.6 | 64.7 | -117.2 | 133.9 | 0.00 | 0.00 | 0.00 |
| 2,360.0 | 10.00 | 298.90 | 2,349.0 | 68.0 | -123.3 | 140.8 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 10.00 | 298.90 | 2,388.3 | 71.4 | -129.3 | 147.7 | 0.00 | 0.00 | 0.00 |
| 2,440.0 | 10.00 | 298.90 | 2,427.7 | 74.8 | -135.4 | 154.7 | 0.00 | 0.00 | 0.00 |
| 2,480.0 | 10.00 | 298.90 | 2,467.1 | 78.1 | -141.5 | 161.6 | 0.00 | 0.00 | 0.00 |
| 2,520.0 | 10.00 | 298.90 | 2,506.5 | 81.5 | -147.6 | 168.6 | 0.00 | 0.00 | 0.00 |
| 2,560.0 | 10.00 | 298.90 | 2,545.9 | 84.8 | -153.7 | 175.5 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 10.00 | 298.90 | 2,585.3 | 88.2 | -159.8 | 182.5 | 0.00 | 0.00 | 0.00 |
| 2,640.0 | 10.00 | 298.90 | 2,624.7 | 91.6 | -165.8 | 189.4 | 0.00 | 0.00 | 0.00 |
| 2,680.0 | 10.00 | 298.90 | 2,664.1 | 94.9 | -171.9 | 196.4 | 0.00 | 0.00 | 0.00 |
| 2,720.0 | 10.00 | 298.90 | 2,703.5 | 98.3 | -178.0 | 203.3 | 0.00 | 0.00 | 0.00 |
| 2,760.0 | 10.00 | 298.90 | 2,742.9 | 101.6 | -184.1 | 210.3 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 10.00 | 298.90 | 2,782.3 | 105.0 | -190.2 | 217.2 | 0.00 | 0.00 | 0.00 |
| 2,840.0 | 10.00 | 298.90 | 2,821.7 | 108.3 | -196.3 | 224.2 | 0.00 | 0.00 | 0.00 |
| 2,880.0 | 10.00 | 298.90 | 2,861.0 | 111.7 | -202.3 | 231.1 | 0.00 | 0.00 | 0.00 |
| 2,920.0 | 10.00 | 298.90 | 2,900.4 | 115.1 | -208.4 | 238.1 | 0.00 | 0.00 | 0.00 |
| 2,960.0 | 10.00 | 298.90 | 2,939.8 | 118.4 | -214.5 | 245.0 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 10.00 | 298.90 | 2,979.2 | 121.8 | -220.6 | 252.0 | 0.00 | 0.00 | 0.00 |
| 3,040.0 | 10.00 | 298.90 | 3,018.6 | 125.1 | -226.7 | 258.9 | 0.00 | 0.00 | 0.00 |
| 3,080.0 | 10.00 | 298.90 | 3,058.0 | 128.5 | -232.8 | 265.9 | 0.00 | 0.00 | 0.00 |
| 3,120.0 | 10.00 | 298.90 | 3,097.4 | 131.9 | -238.8 | 272.8 | 0.00 | 0.00 | 0.00 |
| 3,160.0 | 10.00 | 298.90 | 3,136.8 | 135.2 | -244.9 | 279.8 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 10.00 | 298.90 | 3,176.2 | 138.6 | -251.0 | 286.7 | 0.00 | 0.00 | 0.00 |
| 3,240.0 | 10.00 | 298.90 | 3,215.6 | 141.9 | -257.1 | 293.7 | 0.00 | 0.00 | 0.00 |
| 3,280.0 | 10.00 | 298.90 | 3,255.0 | 145.3 | -263.2 | 300.6 | 0.00 | 0.00 | 0.00 |
| 3,320.0 | 10.00 | 298.90 | 3,294.4 | 148.6 | -269.3 | 307.6 | 0.00 | 0.00 | 0.00 |
| 3,360.0 | 10.00 | 298.90 | 3,333.7 | 152.0 | -275.3 | 314.5 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 10.00 | 298.90 | 3,373.1 | 155.4 | -281.4 | 321.5 | 0.00 | 0.00 | 0.00 |
| 3,440.0 | 10.00 | 298.90 | 3,412.5 | 158.7 | -287.5 | 328.4 | 0.00 | 0.00 | 0.00 |
| 3,480.0 | 10.00 | 298.90 | 3,451.9 | 162.1 | -293.6 | 335.4 | 0.00 | 0.00 | 0.00 |
| 3,520.0 | 10.00 | 298.90 | 3,491.3 | 165.4 | -299.7 | 342.3 | 0.00 | 0.00 | 0.00 |
| 3,560.0 | 10.00 | 298.90 | 3,530.7 | 168.8 | -305.8 | 349.3 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 10.00 | 298.90 | 3,570.1 | 172.1 | -311.8 | 356.2 | 0.00 | 0.00 | 0.00 |
| 3,640.0 | 10.00 | 298.90 | 3,609.5 | 175.5 | -317.9 | 363.1 | 0.00 | 0.00 | 0.00 |
| 3,680.0 | 10.00 | 298.90 | 3,648.9 | 178.9 | -324.0 | 370.1 | 0.00 | 0.00 | 0.00 |
| 3,720.0 | 10.00 | 298.90 | 3,688.3 | 182.2 | -330.1 | 377.0 | 0.00 | 0.00 | 0.00 |
| 3,760.0 | 10.00 | 298.90 | 3,727.7 | 185.6 | -336.2 | 384.0 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 10.00 | 298.90 | 3,767.1 | 188.9 | -342.3 | 390.9 | 0.00 | 0.00 | 0.00 |
| 3,840.0 | 10.00 | 298.90 | 3,806.5 | 192.3 | -348.3 | 397.9 | 0.00 | 0.00 | 0.00 |
| 3,880.0 | 10.00 | 298.90 | 3,845.8 | 195.7 | -354.4 | 404.8 | 0.00 | 0.00 | 0.00 |
| 3,891.3 | 10.00 | 298.90 | 3,857.0 | 196.6 | -356.1 | 406.8 | 0.00 | 0.00 | 0.00 |
| PARKMAN | | | | | | | | | |
| 3,920.0 | 10.00 | 298.90 | 3,885.2 | 199.0 | -360.5 | 411.8 | 0.00 | 0.00 | 0.00 |
| 3,960.0 | 10.00 | 298.90 | 3,924.6 | 202.4 | -366.6 | 418.7 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 10.00 | 298.90 | 3,964.0 | 205.7 | -372.7 | 425.7 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Company: | BAYSWATER EXPLORATION & PRODUCTION | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Project: | SEC.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | North Reference: | True |
| Well: | Coalbank Creek 9-20 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (1-6-12) | | |

| 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 | 10.00 | 298.90 | 4,003.4 | 209.1 | -378.8 | 432.6 | 0.00 | 0.00 | 0.00 |
| 4,080.0 | 10.00 | 298.90 | 4,042.8 | 212.4 | -384.8 | 439.6 | 0.00 | 0.00 | 0.00 |
| 4,120.0 | 10.00 | 298.90 | 4,082.2 | 215.8 | -390.9 | 446.5 | 0.00 | 0.00 | 0.00 |
| 4,160.0 | 10.00 | 298.90 | 4,121.6 | 219.2 | -397.0 | 453.5 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 10.00 | 298.90 | 4,161.0 | 222.5 | -403.1 | 460.4 | 0.00 | 0.00 | 0.00 |
| 4,240.0 | 10.00 | 298.90 | 4,200.4 | 225.9 | -409.2 | 467.4 | 0.00 | 0.00 | 0.00 |
| 4,280.0 | 10.00 | 298.90 | 4,239.8 | 229.2 | -415.2 | 474.3 | 0.00 | 0.00 | 0.00 |
| 4,320.0 | 10.00 | 298.90 | 4,279.2 | 232.6 | -421.3 | 481.3 | 0.00 | 0.00 | 0.00 |
| 4,360.0 | 10.00 | 298.90 | 4,318.5 | 236.0 | -427.4 | 488.2 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 10.00 | 298.90 | 4,357.9 | 239.3 | -433.5 | 495.2 | 0.00 | 0.00 | 0.00 |
| 4,440.0 | 10.00 | 298.90 | 4,397.3 | 242.7 | -439.6 | 502.1 | 0.00 | 0.00 | 0.00 |
| 4,445.1 | 10.00 | 298.90 | 4,402.4 | 243.1 | -440.4 | 503.0 | 0.00 | 0.00 | 0.00 |
| 4,480.0 | 9.31 | 298.90 | 4,436.8 | 245.9 | -445.5 | 508.9 | 2.00 | -2.00 | 0.00 |
| 4,520.0 | 8.51 | 298.90 | 4,476.3 | 248.9 | -450.9 | 515.0 | 2.00 | -2.00 | 0.00 |
| 4,560.0 | 7.71 | 298.90 | 4,515.9 | 251.6 | -455.8 | 520.7 | 2.00 | -2.00 | 0.00 |
| 4,591.4 | 7.08 | 298.90 | 4,547.0 | 253.6 | -459.4 | 524.7 | 2.00 | -2.00 | 0.00 |
| SUSSEX | | | | | | | | | |
| 4,600.0 | 6.91 | 298.90 | 4,555.5 | 254.1 | -460.3 | 525.8 | 2.00 | -2.00 | 0.00 |
| 4,640.0 | 6.11 | 298.90 | 4,595.3 | 256.3 | -464.3 | 530.3 | 2.00 | -2.00 | 0.00 |
| 4,680.0 | 5.31 | 298.90 | 4,635.1 | 258.2 | -467.7 | 534.3 | 2.00 | -2.00 | 0.00 |
| 4,720.0 | 4.51 | 298.90 | 4,674.9 | 259.9 | -470.7 | 537.7 | 2.00 | -2.00 | 0.00 |
| 4,760.0 | 3.71 | 298.90 | 4,714.8 | 261.3 | -473.2 | 540.6 | 2.00 | -2.00 | 0.00 |
| 4,800.0 | 2.91 | 298.90 | 4,754.8 | 262.4 | -475.3 | 542.9 | 2.00 | -2.00 | 0.00 |
| 4,840.0 | 2.11 | 298.90 | 4,794.7 | 263.2 | -476.8 | 544.6 | 2.00 | -2.00 | 0.00 |
| 4,880.0 | 1.31 | 298.90 | 4,834.7 | 263.8 | -477.8 | 545.8 | 2.00 | -2.00 | 0.00 |
| 4,920.0 | 0.51 | 298.90 | 4,874.7 | 264.1 | -478.4 | 546.4 | 2.00 | -2.00 | 0.00 |
| 4,945.3 | 0.00 | 0.00 | 4,900.0 | 264.1 | -478.5 | 546.6 | 2.00 | -2.00 | 241.64 |
| TARGET BHL 1993'FSL & 674'FEL | | | | | | | | | |
| 4,960.0 | 0.00 | 0.00 | 4,914.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 0.00 | 0.00 | 4,954.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,040.0 | 0.00 | 0.00 | 4,994.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,042.3 | 0.00 | 0.00 | 4,997.0 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| SHANNON | | | | | | | | | |
| 5,080.0 | 0.00 | 0.00 | 5,034.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,120.0 | 0.00 | 0.00 | 5,074.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,160.0 | 0.00 | 0.00 | 5,114.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 0.00 | 0.00 | 5,154.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,240.0 | 0.00 | 0.00 | 5,194.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,280.0 | 0.00 | 0.00 | 5,234.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,320.0 | 0.00 | 0.00 | 5,274.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,360.0 | 0.00 | 0.00 | 5,314.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 0.00 | 0.00 | 5,354.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,440.0 | 0.00 | 0.00 | 5,394.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,480.0 | 0.00 | 0.00 | 5,434.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,520.0 | 0.00 | 0.00 | 5,474.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,560.0 | 0.00 | 0.00 | 5,514.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 0.00 | 0.00 | 5,554.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,640.0 | 0.00 | 0.00 | 5,594.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,680.0 | 0.00 | 0.00 | 5,634.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,720.0 | 0.00 | 0.00 | 5,674.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,760.0 | 0.00 | 0.00 | 5,714.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 0.00 | 0.00 | 5,754.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,840.0 | 0.00 | 0.00 | 5,794.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Company: | BAYSWATER EXPLORATION & PRODUCTION | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Project: | SEC.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | North Reference: | True |
| Well: | Coalbank Creek 9-20 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (1-6-12) | | |

| 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 | 5,834.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,920.0 | 0.00 | 0.00 | 5,874.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 5,960.0 | 0.00 | 0.00 | 5,914.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 0.00 | 0.00 | 5,954.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,040.0 | 0.00 | 0.00 | 5,994.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,080.0 | 0.00 | 0.00 | 6,034.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,120.0 | 0.00 | 0.00 | 6,074.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,160.0 | 0.00 | 0.00 | 6,114.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 0.00 | 0.00 | 6,154.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,240.0 | 0.00 | 0.00 | 6,194.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,280.0 | 0.00 | 0.00 | 6,234.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,320.0 | 0.00 | 0.00 | 6,274.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,360.0 | 0.00 | 0.00 | 6,314.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 0.00 | 0.00 | 6,354.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,440.0 | 0.00 | 0.00 | 6,394.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,480.0 | 0.00 | 0.00 | 6,434.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,520.0 | 0.00 | 0.00 | 6,474.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,560.0 | 0.00 | 0.00 | 6,514.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 0.00 | 0.00 | 6,554.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,640.0 | 0.00 | 0.00 | 6,594.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,680.0 | 0.00 | 0.00 | 6,634.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,720.0 | 0.00 | 0.00 | 6,674.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,760.0 | 0.00 | 0.00 | 6,714.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,800.0 | 0.00 | 0.00 | 6,754.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,840.0 | 0.00 | 0.00 | 6,794.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,880.0 | 0.00 | 0.00 | 6,834.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,920.0 | 0.00 | 0.00 | 6,874.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 6,960.0 | 0.00 | 0.00 | 6,914.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 0.00 | 0.00 | 6,954.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,040.0 | 0.00 | 0.00 | 6,994.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,080.0 | 0.00 | 0.00 | 7,034.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,120.0 | 0.00 | 0.00 | 7,074.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,160.0 | 0.00 | 0.00 | 7,114.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,200.0 | 0.00 | 0.00 | 7,154.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,212.3 | 0.00 | 0.00 | 7,167.0 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| NIORARA - LEGAL BOX 400' X 400' 1993'FSL & 674'FEL - TARGET CIRCLE 1933'FSL & 674'FEL | | | | | | | | | |
| 7,240.0 | 0.00 | 0.00 | 7,194.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,280.0 | 0.00 | 0.00 | 7,234.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,320.0 | 0.00 | 0.00 | 7,274.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,360.0 | 0.00 | 0.00 | 7,314.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,400.0 | 0.00 | 0.00 | 7,354.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,440.0 | 0.00 | 0.00 | 7,394.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,472.3 | 0.00 | 0.00 | 7,427.0 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| FORT HAYS | | | | | | | | | |
| 7,480.0 | 0.00 | 0.00 | 7,434.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,512.3 | 0.00 | 0.00 | 7,467.0 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| CODELL | | | | | | | | | |
| 7,520.0 | 0.00 | 0.00 | 7,474.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,560.0 | 0.00 | 0.00 | 7,514.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,562.3 | 0.00 | 0.00 | 7,517.0 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| GREENHORN | | | | | | | | | |
| 7,600.0 | 0.00 | 0.00 | 7,554.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Company: | BAYSWATER EXPLORATION & PRODUCTION | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Project: | SEC.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | North Reference: | True |
| Well: | Coalbank Creek 9-20 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (1-6-12) | | |

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) |
|---------------------------|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| 7,640.0 | 0.00 | 0.00 | 7,594.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,642.3 | 0.00 | 0.00 | 7,597.0 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| GRANEROS | | | | | | | | | |
| 7,680.0 | 0.00 | 0.00 | 7,634.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,720.0 | 0.00 | 0.00 | 7,674.7 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |
| 7,720.3 | 0.00 | 0.00 | 7,675.0 | 264.1 | -478.5 | 546.6 | 0.00 | 0.00 | 0.00 |

Targets

| Target Name | | | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|---------|-------|--------|--------------|--------------|--|-----------|-------------|
| - hit/miss target | Dip Angle | Dip Dir. | TVD | +N-S | +E-W | Northing | Easting | | | |
| - Shape | (°) | (°) | (ft) | (ft) | (ft) | (ft) | (ft) | | Latitude | Longitude |
| LEGAL BOX 400' X 410' - plan misses target center by 0.1ft at 7212.3ft MD (7167.0 TVD, 264.1 N, -478.5 E) - Rectangle (sides W400.0 H400.0 D508.0) | 0.00 | 0.00 | 7,167.0 | 264.2 | -478.4 | 1,447,108.87 | 3,195,877.65 | | 40.558576 | -104.795039 |
| TARGET BHL 1993'F: - plan hits target center - Point | 0.00 | 0.00 | 4,900.0 | 264.1 | -478.5 | 1,447,108.82 | 3,195,877.61 | | 40.558576 | -104.795039 |
| TARGET CIRCLE 193' - plan hits target center - Circle (radius 75.0) | 0.00 | 0.00 | 7,167.0 | 264.1 | -478.5 | 1,447,108.82 | 3,195,877.61 | | 40.558576 | -104.795039 |

Casing Points

| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") |
|---------------------|---------------------|--------|---------------------|-------------------|
| 840.0 | 840.0 | 8 5/8" | 8-5/8 | 12-1/4 |

Formations

| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|---------------------|---------------------|-----------|-----------|---------|-------------------|
| 3,891.3 | 3,857.0 | PARKMAN | | 0.00 | |
| 4,591.4 | 4,547.0 | SUSSEX | | 0.00 | |
| 5,042.3 | 4,997.0 | SHANNON | | 0.00 | |
| 7,212.3 | 7,167.0 | NIOBRARA | | 0.00 | |
| 7,472.3 | 7,427.0 | FORT HAYS | | 0.00 | |
| 7,512.3 | 7,467.0 | CODELL | | 0.00 | |
| 7,562.3 | 7,517.0 | GREENHORN | | 0.00 | |
| 7,642.3 | 7,597.0 | GRANEROS | | 0.00 | |



BAYSWATER EXPLORATION & PRODUCTION

SEC.20-T7N-R66W

Coalbank Creek 9-20 Pad Sec.20-T7N-R66W

Coalbank Creek 9-20

Wellbore #1

Plan #2 (1-6-12)

Anticollision Report

06 January, 2012

| | | | |
|---------------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Project: | SEC.20-T7N-R66W | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Reference Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Coalbank Creek 9-20 | 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 #2 (1-6-12) | Offset TVD Reference: | Offset Datum |

| | | | |
|-------------------------------------|---------------------------------------------------------------------|-----------------------|---------------------|
| Reference | Plan #2 (1-6-12) | | |
| 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 | Error Surface: | Elliptical Conic |
| Warning Levels Evaluated at: | 2.00 Sigma | | |

| | | | | |
|----------------------------|----------------------|--------------------------------|------------------|--------------------|
| Survey Tool Program | Date 1/6/2012 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
| 0.0 | 7,720.3 | Plan #2 (1-6-12) (Wellbore #1) | MWD | MWD - Standard |

| | | | | | | |
|-------------------------------------------------------|--------------------------------------|-----------------------------------|--------------------------------------|------------------------------|--------------------------|----------------|
| Summary | | | | | | |
| Site Name | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Between Ellipses (ft) | Separation Factor | Warning |
| Offset Well - Wellbore - Design | | | | | | |
| Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | | | | | | |
| Coalbank Creek 10-20 - Wellbore #1 - Plan #2 (1-6-12) | 200.0 | 200.0 | 20.0 | 19.3 | 29.670 | CC, ES |
| Coalbank Creek 10-20 - Wellbore #1 - Plan #2 (1-6-12) | 400.0 | 398.3 | 26.9 | 25.3 | 17.203 | SF |

| | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|----------------------------|------------------------|---------------|------------------------------|------------------------------------------|-------------------|--------------------------------|--------------------------|----------------|
| Offset Design | | | | | | | | | | | |
| Coalbank Creek 9-20 Pad Sec.20-T7N-R66W - Coalbank Creek 10-20 - Wellbore #1 - Plan #2 (1-6-12) | | | | | | | | | | | |
| Survey Program: 0-MWD | | | | | | | | | | | |
| Reference | | | | | | | | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Offset Measured Depth (ft) | Vertical Depth (ft) | Semi Major Axis | | | Distance | | Minimum Separation (ft) | Separation Factor | Warning |
| | | | | Reference | Offset | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -90.00 | 0.0 | -20.0 | 20.0 | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | -90.00 | 0.0 | -20.0 | 20.0 | 19.8 | 0.22 |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -90.00 | 0.0 | -20.0 | 20.0 | 19.3 | 0.67 |
| 300.0 | 300.0 | 299.3 | 299.3 | 0.6 | 0.6 | -89.39 | 0.2 | -21.7 | 21.7 | 20.6 | 1.11 |
| 400.0 | 400.0 | 398.3 | 398.1 | 0.8 | 0.8 | -88.03 | 0.9 | -26.8 | 26.9 | 25.3 | 1.56 |
| 500.0 | 500.0 | 496.9 | 496.3 | 1.0 | 1.0 | -86.64 | 2.1 | -35.2 | 35.5 | 33.5 | 2.03 |
| 600.0 | 600.0 | 594.7 | 593.5 | 1.2 | 1.3 | -85.55 | 3.7 | -46.9 | 47.5 | 45.0 | 2.53 |
| 700.0 | 700.0 | 691.7 | 689.3 | 1.5 | 1.6 | -84.76 | 5.7 | -61.7 | 62.9 | 59.8 | 3.06 |
| 800.0 | 800.0 | 787.5 | 783.4 | 1.7 | 2.0 | -84.20 | 8.1 | -79.5 | 81.6 | 78.0 | 3.63 |
| 900.0 | 900.0 | 882.0 | 875.6 | 1.9 | 2.4 | -83.80 | 10.9 | -100.1 | 103.6 | 99.3 | 4.23 |
| 1,000.0 | 1,000.0 | 975.0 | 965.6 | 2.1 | 2.9 | -83.51 | 14.0 | -123.3 | 128.7 | 123.8 | 4.88 |
| 1,100.0 | 1,100.0 | 1,066.4 | 1,053.2 | 2.4 | 3.4 | -83.30 | 17.5 | -148.8 | 157.0 | 151.4 | 5.57 |
| 1,200.0 | 1,200.0 | 1,156.0 | 1,138.3 | 2.6 | 4.0 | -83.14 | 21.3 | -176.6 | 188.3 | 182.0 | 6.30 |
| 1,300.0 | 1,300.0 | 1,243.7 | 1,220.7 | 2.8 | 4.6 | -83.01 | 25.3 | -206.3 | 222.5 | 215.4 | 7.07 |
| 1,400.0 | 1,400.0 | 1,334.5 | 1,305.3 | 3.0 | 5.2 | -21.68 | 29.8 | -239.2 | 257.5 | 251.2 | 6.29 |
| 1,500.0 | 1,499.8 | 1,429.1 | 1,393.3 | 3.2 | 5.9 | -21.74 | 34.4 | -273.7 | 289.7 | 282.9 | 6.78 |
| 1,600.0 | 1,599.5 | 1,524.7 | 1,482.2 | 3.5 | 6.7 | -22.00 | 39.2 | -308.6 | 318.9 | 311.6 | 7.28 |
| 1,700.0 | 1,698.7 | 1,621.2 | 1,571.9 | 3.7 | 7.4 | -22.44 | 44.0 | -343.7 | 344.9 | 337.1 | 7.79 |
| 1,800.2 | 1,797.6 | 1,718.6 | 1,662.4 | 4.0 | 8.2 | -23.03 | 48.8 | -379.2 | 368.0 | 359.7 | 8.32 |
| 1,900.0 | 1,895.9 | 1,816.0 | 1,753.0 | 4.3 | 8.9 | -23.81 | 53.6 | -414.7 | 389.4 | 380.6 | 8.87 |
| 2,000.0 | 1,994.4 | 1,913.5 | 1,843.7 | 4.6 | 9.7 | -24.51 | 58.4 | -450.3 | 411.0 | 401.5 | 9.44 |
| 2,100.0 | 2,092.9 | 2,011.0 | 1,934.4 | 4.9 | 10.5 | -25.14 | 63.2 | -485.8 | 432.6 | 422.6 | 10.01 |
| 2,200.0 | 2,191.4 | 2,108.6 | 2,025.0 | 5.2 | 11.2 | -25.71 | 68.1 | -521.4 | 454.2 | 443.6 | 10.59 |
| 2,300.0 | 2,289.9 | 2,206.1 | 2,115.7 | 5.6 | 12.0 | -26.23 | 72.9 | -557.0 | 475.9 | 464.7 | 11.18 |

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

| | | | |
|---------------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Project: | SEC.20-T7N-R66W | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Reference Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Coalbank Creek 9-20 | 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 #2 (1-6-12) | Offset TVD Reference: | Offset Datum |

| Offset Design Coalbank Creek 9-20 Pad Sec.20-T7N-R66W - Coalbank Creek 10-20 - Wellbore #1 - Plan #2 (1-6-12) | | | | | | | | | | | | | 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 | | |
| 2,400.0 | 2,388.3 | 2,303.6 | 2,206.4 | 5.9 | 12.8 | -26.71 | 77.7 | -592.5 | 497.6 | 485.9 | 11.78 | 42.242 | | |
| 2,500.0 | 2,486.8 | 2,401.2 | 2,297.1 | 6.3 | 13.5 | -27.14 | 82.6 | -628.1 | 519.4 | 507.0 | 12.39 | 41.934 | | |
| 2,600.0 | 2,585.3 | 2,498.7 | 2,387.8 | 6.6 | 14.3 | -27.54 | 87.4 | -663.6 | 541.2 | 528.2 | 13.00 | 41.638 | | |
| 2,700.0 | 2,683.8 | 2,596.2 | 2,478.5 | 7.0 | 15.1 | -27.91 | 92.2 | -699.2 | 563.0 | 549.4 | 13.61 | 41.353 | | |
| 2,800.0 | 2,782.3 | 2,693.7 | 2,569.2 | 7.4 | 15.8 | -28.25 | 97.0 | -734.7 | 584.8 | 570.6 | 14.24 | 41.079 | | |
| 2,900.0 | 2,880.7 | 2,791.3 | 2,659.9 | 7.7 | 16.6 | -28.57 | 101.9 | -770.3 | 606.6 | 591.8 | 14.86 | 40.817 | | |
| 3,000.0 | 2,979.2 | 2,888.8 | 2,750.6 | 8.1 | 17.4 | -28.86 | 106.7 | -805.8 | 628.5 | 613.0 | 15.49 | 40.567 | | |
| 3,100.0 | 3,077.7 | 2,986.3 | 2,841.3 | 8.5 | 18.2 | -29.14 | 111.5 | -841.4 | 650.4 | 634.2 | 16.13 | 40.328 | | |
| 3,200.0 | 3,176.2 | 3,083.9 | 2,932.0 | 8.9 | 18.9 | -29.40 | 116.3 | -876.9 | 672.3 | 655.5 | 16.76 | 40.100 | | |
| 3,300.0 | 3,274.7 | 3,181.4 | 3,022.7 | 9.2 | 19.7 | -29.64 | 121.2 | -912.5 | 694.2 | 676.7 | 17.41 | 39.882 | | |
| 3,400.0 | 3,373.1 | 3,278.9 | 3,113.4 | 9.6 | 20.5 | -29.86 | 126.0 | -948.1 | 716.1 | 698.0 | 18.05 | 39.674 | | |
| 3,500.0 | 3,471.6 | 3,376.5 | 3,204.1 | 10.0 | 21.3 | -30.08 | 130.8 | -983.6 | 738.0 | 719.3 | 18.69 | 39.475 | | |
| 3,600.0 | 3,570.1 | 3,474.0 | 3,294.7 | 10.4 | 22.0 | -30.28 | 135.7 | -1,019.2 | 759.9 | 740.6 | 19.34 | 39.285 | | |
| 3,700.0 | 3,668.6 | 3,571.5 | 3,385.4 | 10.8 | 22.8 | -30.47 | 140.5 | -1,054.7 | 781.8 | 761.9 | 19.99 | 39.104 | | |
| 3,800.0 | 3,767.1 | 3,669.1 | 3,476.1 | 11.2 | 23.6 | -30.64 | 145.3 | -1,090.3 | 803.8 | 783.1 | 20.65 | 38.930 | | |
| 3,900.0 | 3,865.5 | 3,766.6 | 3,566.8 | 11.6 | 24.3 | -30.81 | 150.1 | -1,125.8 | 825.7 | 804.4 | 21.30 | 38.764 | | |
| 4,000.0 | 3,964.0 | 3,864.1 | 3,657.5 | 11.9 | 25.1 | -30.97 | 155.0 | -1,161.4 | 847.7 | 825.7 | 21.96 | 38.606 | | |
| 4,100.0 | 4,062.5 | 3,961.7 | 3,748.2 | 12.3 | 25.9 | -31.13 | 159.8 | -1,196.9 | 869.7 | 847.0 | 22.62 | 38.454 | | |
| 4,200.0 | 4,161.0 | 4,059.2 | 3,838.9 | 12.7 | 26.7 | -31.27 | 164.6 | -1,232.5 | 891.6 | 868.4 | 23.28 | 38.308 | | |
| 4,300.0 | 4,259.5 | 4,156.7 | 3,929.6 | 13.1 | 27.4 | -31.41 | 169.5 | -1,268.0 | 913.6 | 889.7 | 23.94 | 38.168 | | |
| 4,400.0 | 4,357.9 | 4,254.3 | 4,020.3 | 13.5 | 28.2 | -31.54 | 174.3 | -1,303.6 | 935.6 | 911.0 | 24.60 | 38.034 | | |
| 4,445.1 | 4,402.4 | 4,298.3 | 4,061.2 | 13.7 | 28.6 | -31.60 | 176.5 | -1,319.6 | 945.5 | 920.6 | 24.90 | 37.975 | | |
| 4,500.0 | 4,456.5 | 4,351.7 | 4,110.9 | 13.9 | 29.0 | -31.78 | 179.1 | -1,339.1 | 958.0 | 932.8 | 25.23 | 37.970 | | |
| 4,600.0 | 4,555.5 | 4,448.5 | 4,200.9 | 14.1 | 29.8 | -32.06 | 183.9 | -1,374.4 | 983.0 | 957.2 | 25.78 | 38.137 | | |
| 4,700.0 | 4,655.0 | 4,544.5 | 4,290.2 | 14.4 | 30.5 | -32.27 | 188.6 | -1,409.4 | 1,010.9 | 984.6 | 26.27 | 38.480 | | |
| 4,800.0 | 4,754.8 | 4,639.6 | 4,378.6 | 14.6 | 31.3 | -32.41 | 193.4 | -1,444.1 | 1,041.6 | 1,014.9 | 26.71 | 38.990 | | |
| 4,900.0 | 4,854.7 | 4,733.7 | 4,466.1 | 14.7 | 32.0 | -32.49 | 198.0 | -1,478.4 | 1,075.1 | 1,048.0 | 27.11 | 39.661 | | |
| 4,945.3 | 4,900.0 | 4,775.9 | 4,505.4 | 14.8 | 32.4 | -93.61 | 200.1 | -1,493.8 | 1,091.2 | 1,063.9 | 27.27 | 40.016 | | |
| 5,000.0 | 4,954.7 | 4,826.8 | 4,552.7 | 14.9 | 32.8 | -93.41 | 202.6 | -1,512.3 | 1,111.0 | 1,083.5 | 27.49 | 40.410 | | |
| 5,100.0 | 5,054.7 | 4,919.8 | 4,639.2 | 15.0 | 33.5 | -93.05 | 207.2 | -1,546.2 | 1,147.2 | 1,119.2 | 27.92 | 41.090 | | |
| 5,200.0 | 5,154.7 | 5,012.8 | 4,725.6 | 15.2 | 34.2 | -92.72 | 211.8 | -1,580.1 | 1,183.4 | 1,155.1 | 28.35 | 41.742 | | |
| 5,300.0 | 5,254.7 | 5,105.8 | 4,812.1 | 15.3 | 35.0 | -92.41 | 216.4 | -1,614.0 | 1,219.7 | 1,190.9 | 28.79 | 42.367 | | |
| 5,400.0 | 5,354.7 | 5,241.8 | 4,939.2 | 15.5 | 35.9 | -91.99 | 222.9 | -1,662.0 | 1,255.0 | 1,225.7 | 29.32 | 42.807 | | |
| 5,500.0 | 5,454.7 | 5,411.1 | 5,100.3 | 15.7 | 36.8 | -91.59 | 229.9 | -1,713.6 | 1,285.4 | 1,255.5 | 29.89 | 42.998 | | |
| 5,600.0 | 5,554.7 | 5,586.4 | 5,270.0 | 15.8 | 37.5 | -91.27 | 235.8 | -1,756.9 | 1,310.1 | 1,279.6 | 30.46 | 43.009 | | |
| 5,700.0 | 5,654.7 | 5,766.7 | 5,447.0 | 16.0 | 38.1 | -91.04 | 240.4 | -1,790.7 | 1,328.8 | 1,297.8 | 31.00 | 42.858 | | |
| 5,800.0 | 5,754.7 | 5,950.7 | 5,629.5 | 16.2 | 38.6 | -90.88 | 243.5 | -1,813.7 | 1,341.3 | 1,309.8 | 31.52 | 42.558 | | |
| 5,900.0 | 5,854.7 | 6,136.9 | 5,815.3 | 16.4 | 38.8 | -90.81 | 245.1 | -1,825.2 | 1,347.4 | 1,315.4 | 31.99 | 42.121 | | |
| 6,000.0 | 5,954.7 | 6,276.3 | 5,954.7 | 16.5 | 38.9 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,315.7 | 32.37 | 41.642 | | |
| 6,100.0 | 6,054.7 | 6,376.3 | 6,054.7 | 16.7 | 39.0 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,315.4 | 32.71 | 41.214 | | |
| 6,200.0 | 6,154.7 | 6,476.3 | 6,154.7 | 16.9 | 39.1 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,315.0 | 33.05 | 40.791 | | |
| 6,300.0 | 6,254.7 | 6,576.3 | 6,254.7 | 17.1 | 39.2 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,314.7 | 33.39 | 40.374 | | |
| 6,400.0 | 6,354.7 | 6,676.3 | 6,354.7 | 17.2 | 39.2 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,314.3 | 33.73 | 39.962 | | |
| 6,500.0 | 6,454.7 | 6,776.3 | 6,454.7 | 17.4 | 39.3 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,314.0 | 34.08 | 39.556 | | |
| 6,600.0 | 6,554.7 | 6,876.3 | 6,554.7 | 17.6 | 39.4 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,313.6 | 34.43 | 39.156 | | |
| 6,700.0 | 6,654.7 | 6,976.3 | 6,654.7 | 17.8 | 39.5 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,313.3 | 34.78 | 38.761 | | |
| 6,800.0 | 6,754.7 | 7,076.3 | 6,754.7 | 18.0 | 39.5 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,312.9 | 35.13 | 38.372 | | |
| 6,900.0 | 6,854.7 | 7,176.3 | 6,854.7 | 18.1 | 39.6 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,312.6 | 35.49 | 37.988 | | |
| 7,000.0 | 6,954.7 | 7,276.3 | 6,954.7 | 18.3 | 39.7 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,312.2 | 35.84 | 37.610 | | |
| 7,100.0 | 7,054.7 | 7,376.3 | 7,054.7 | 18.5 | 39.8 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,311.9 | 36.20 | 37.238 | | |
| 7,200.0 | 7,154.7 | 7,476.3 | 7,154.7 | 18.7 | 39.9 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,311.5 | 36.56 | 36.871 | | |

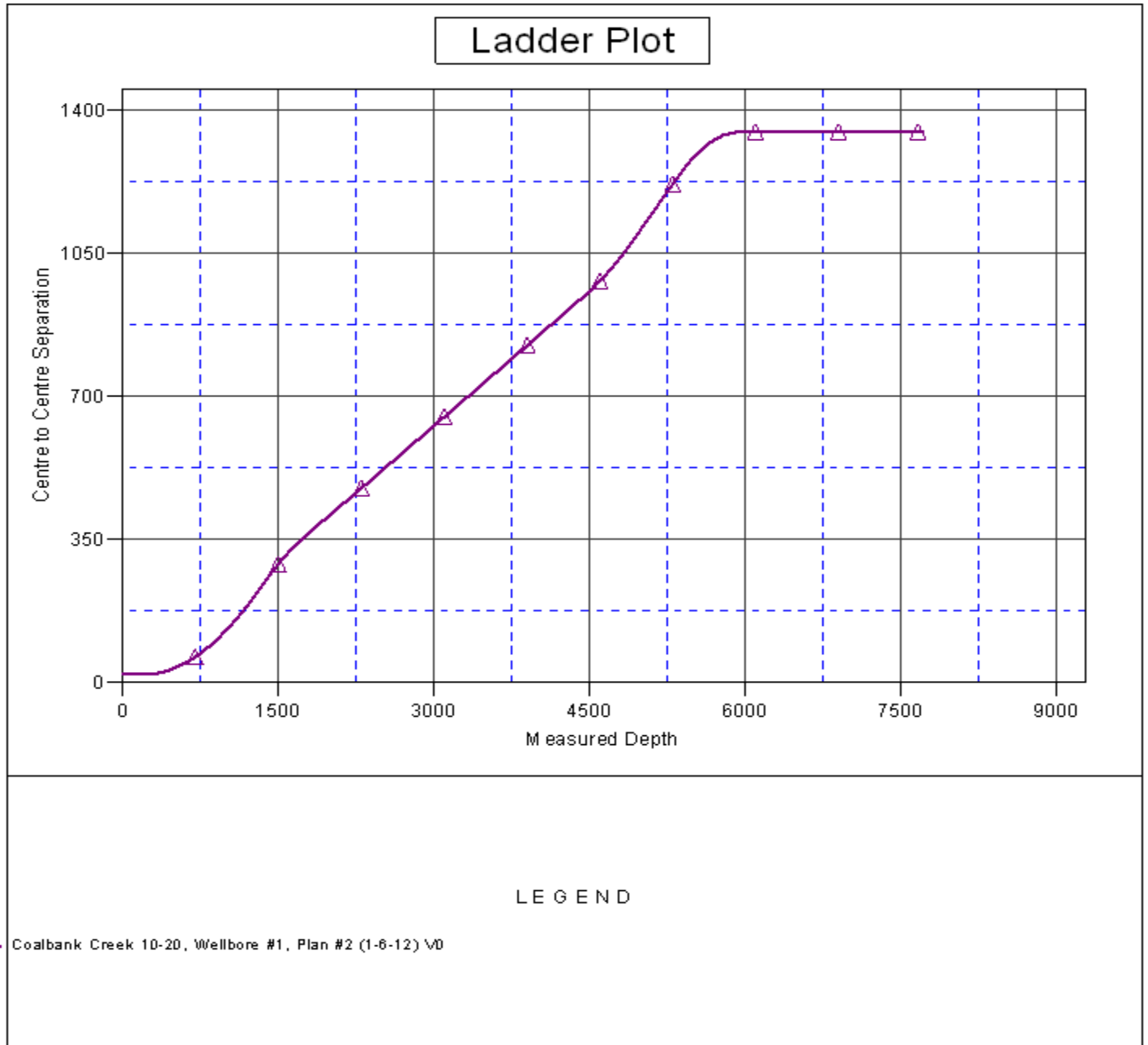
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Project: | SEC.20-T7N-R66W | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Reference Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Coalbank Creek 9-20 | 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 #2 (1-6-12) | Offset TVD Reference: | Offset Datum |

| Offset Design | | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W - Coalbank Creek 10-20 - Wellbore #1 - Plan #2 (1-6-12) | | | | | | | | | | 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) | Offset Wellbore Centre +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | |
| 7,300.0 | 7,254.7 | 7,576.3 | 7,254.7 | 18.9 | 40.0 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,311.1 | 36.92 | 36.509 | | | |
| 7,400.0 | 7,354.7 | 7,676.3 | 7,354.7 | 19.1 | 40.1 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,310.8 | 37.29 | 36.153 | | | |
| 7,500.0 | 7,454.7 | 7,776.3 | 7,454.7 | 19.3 | 40.1 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,310.4 | 37.65 | 35.802 | | | |
| 7,600.0 | 7,554.7 | 7,876.3 | 7,554.7 | 19.5 | 40.2 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,310.0 | 38.02 | 35.456 | | | |
| 7,665.0 | 7,619.7 | 7,941.3 | 7,619.7 | 19.6 | 40.3 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,309.8 | 38.26 | 35.234 | | | |
| 7,700.0 | 7,654.7 | 7,971.6 | 7,650.0 | 19.6 | 40.3 | -90.80 | 245.3 | -1,826.4 | 1,348.1 | 1,309.7 | 38.38 | 35.122 | | | |
| 7,720.3 | 7,675.0 | 7,971.6 | 7,650.0 | 19.7 | 40.3 | -90.80 | 245.3 | -1,826.4 | 1,348.3 | 1,309.9 | 38.42 | 35.089 | | | |

| | | | |
|---------------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Project: | SEC.20-T7N-R66W | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Reference Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Coalbank Creek 9-20 | 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 #2 (1-6-12) | Offset TVD Reference: | Offset Datum |

Reference Depths are relative to WELL @ 4942.0ft (Original Well Elev) Coordinates are relative to: Coalbank Creek 9-20
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: 0.46°



| | | | |
|---------------------------|-----------------------------------------|-------------------------------------|--------------------------------------|
| Company: | BAYSWATER EXPLORATION & PRODUCTION | Local Co-ordinate Reference: | Well Coalbank Creek 9-20 |
| Project: | SEC.20-T7N-R66W | TVD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Reference Site: | Coalbank Creek 9-20 Pad Sec.20-T7N-R66W | MD Reference: | WELL @ 4942.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Coalbank Creek 9-20 | 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 #2 (1-6-12) | Offset TVD Reference: | Offset Datum |

Reference Depths are relative to WELL @ 4942.0ft (Original Well Elev) Coordinates are relative to: Coalbank Creek 9-20
 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: 0.46°

