# Bayswater Exploration & Production, LLC

Well Name: **Kaiser F-10HN**

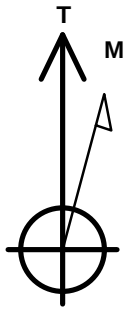
Surface Location: Kaiser 10-D Pad Sec.10-T6N-R65W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
Ground Elevation: 4801.0

| +N/-S | +E/-W | Northing | Easting | Latittude | Longitude | Slot |
|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 1428764.97 | 3238785.55 | 40.507187 | -104.641262 | |

Original Well Elev WELL @ 4823.5ft (Original Well Elev)

WELLBORE TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Shape |
|---|---|---|---|---|
| SHL 477'FNL & 394'FEL | 1.0 | 0.0 | 0.0 | Point |
| BHL 1790'FNL & 465'FWL | 7079.0 | -1298.4 | -4452.8 | Point |



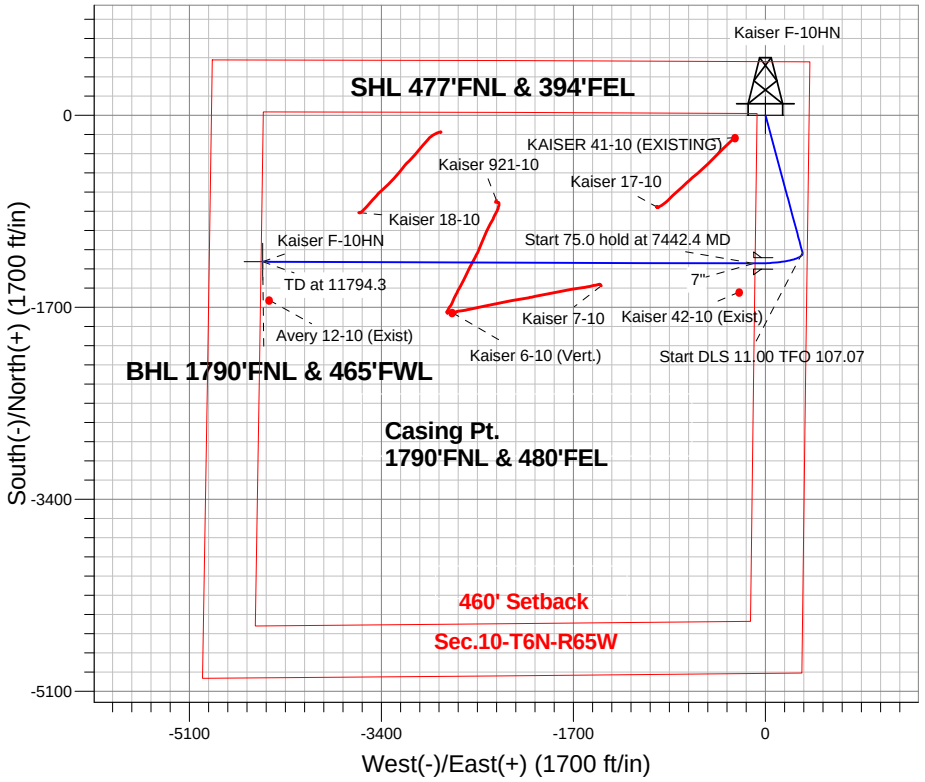

Azimuths to True North
Magnetic North: 8.43°

Magnetic Field
Strength: 52941.6snT
Dip Angle: 67.06°
Date: 4/14/2014
Model: IGRF2010

Kaiser 10-D Pad Sec.10-T6N-R65W
Kaiser F-10HN
Plan#1 (4-14-14)
11:00, April 30 2014

ANNOTATIONS

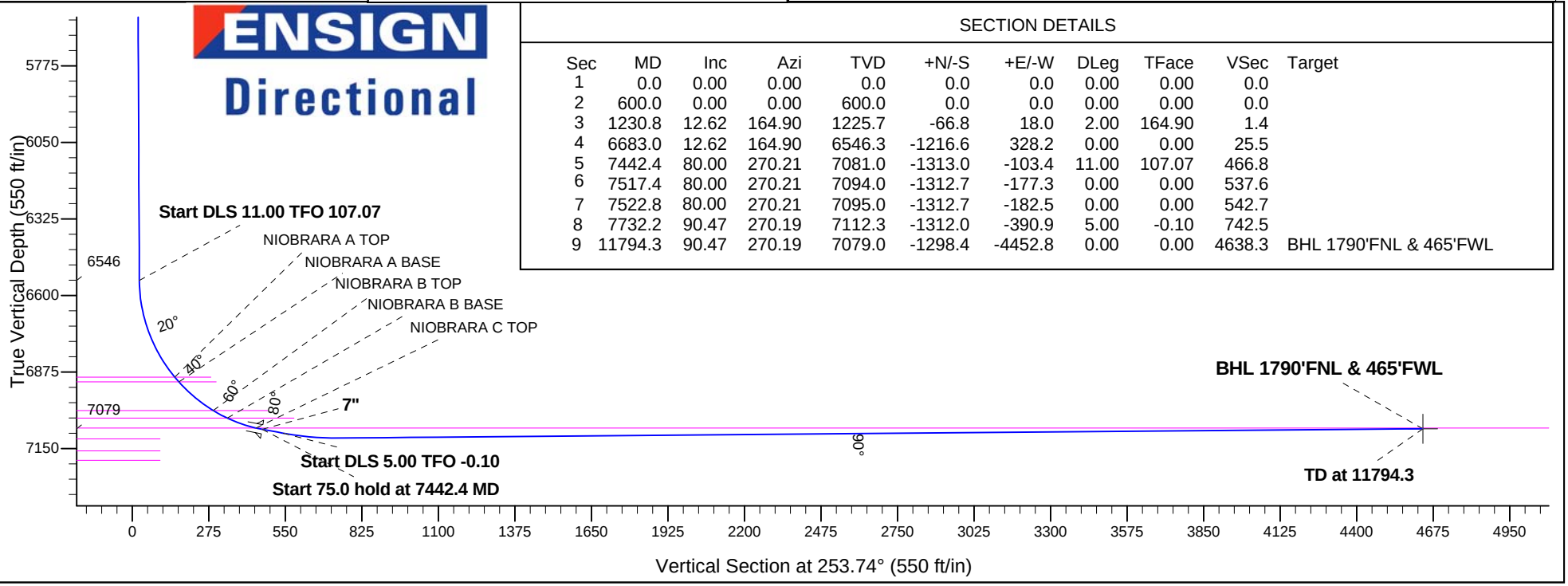
| TVD | MD | Annotation |
|---|---|---|
| 600.0 | 600.0 | KOP - Start Build 2.00 |
| 6546.3 | 6683.0 | Start DLS 11.00 TFO 107.07 |
| 7081.0 | 7442.4 | Start 75.0 hold at 7442.4 MD |
| 7095.0 | 7522.8 | Start DLS 5.00 TFO -0.10 |
| 7079.0 | 11794.3 | TD at 11794.3 |




ENSIGN Directional

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 | 600.0 | 0.00 | 0.00 | 600.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 1230.8 | 12.62 | 164.90 | 1225.7 | -66.8 | 18.0 | 2.00 | 164.90 | 1.4 | |
| 4 | 6683.0 | 12.62 | 164.90 | 6546.3 | -1216.6 | 328.2 | 0.00 | 0.00 | 25.5 | |
| 5 | 7442.4 | 80.00 | 270.21 | 7081.0 | -1313.0 | -103.4 | 11.00 | 107.07 | 466.8 | |
| 6 | 7517.4 | 80.00 | 270.21 | 7094.0 | -1312.7 | -177.3 | 0.00 | 0.00 | 537.6 | |
| 7 | 7522.8 | 80.00 | 270.21 | 7095.0 | -1312.7 | -182.5 | 0.00 | 0.00 | 542.7 | |
| 8 | 7732.2 | 90.47 | 270.19 | 7112.3 | -1312.0 | -390.9 | 5.00 | -0.10 | 742.5 | |
| 9 | 11794.3 | 90.47 | 270.19 | 7079.0 | -1298.4 | -4452.8 | 0.00 | 0.00 | 4638.3 | BHL 1790'FNL & 465'FWL |



ENSIGN Directional

# Bayswater Exploration & Production, LLC

**SEC.10-T6N-R65W**
**Kaiser 10-D Pad Sec.10-T6N-R65W**
**Kaiser F-10HN**

**Wellbore #1**

**Plan: Plan#1 (4-14-14)**

# Standard Planning Report

**30 April, 2014**

BAYSWATER EXPLORATION & PRODUCTION, LLC

| | | | |
|---|---|---|---|
| **Database:** | Landmark | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Company:** | Bayswater Exploration & Production, LLC | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Project:** | SEC.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **North Reference:** | True |
| **Well:** | Kaiser F-10HN | **Survey Calculation Method:** | Minimum Curvature |
| **Wellbore:** | Wellbore #1 | | |
| **Design:** | Plan#1 (4-14-14) | | |

**Project** SEC.10-T6N-R65W

| | | | |
|---|---|---|---|
| **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** Kaiser 10-D Pad Sec.10-T6N-R65W

| | | | | | |
|---|---|---|---|---|---|
| **Site Position:** | | **Northing:** | 1,428,828.36 ft | **Latitude:** | 40.507362 |
| **From:** | Lat/Long | **Easting:** | 3,238,745.72 ft | **Longitude:** | -104.641403 |
| **Position Uncertainty:** | 0.0 ft | **Slot Radius:** | " | **Grid Convergence:** | 0.55 ° |

**Well** Kaiser F-10HN

| | | | | | | |
|---|---|---|---|---|---|---|
| **Well Position** | **+N/-S** | -63.8 ft | **Northing:** | 1,428,764.97 ft | **Latitude:** | 40.507187 |
| | **+E/-W** | 39.2 ft | **Easting:** | 3,238,785.55 ft | **Longitude:** | -104.641262 |
| **Position Uncertainty** | | 0.0 ft | **Wellhead Elevation:** | ft | **Ground Level:** | 4,801.0 ft |

**Wellbore** Wellbore #1

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|---|---|---|---|---|---|
| | IGRF2010 | 4/14/2014 | 8.43 | 67.06 | 52,942 |

**Design** Plan#1 (4-14-14)

**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 | 253.74 |

**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 | |
| 600.0 | 0.00 | 0.00 | 600.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,230.8 | 12.62 | 164.90 | 1,225.7 | -66.8 | 18.0 | 2.00 | 2.00 | 0.00 | 164.90 | |
| 6,683.0 | 12.62 | 164.90 | 6,546.3 | -1,216.6 | 328.2 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,442.4 | 80.00 | 270.21 | 7,081.0 | -1,313.0 | -103.4 | 11.00 | 8.87 | 13.87 | 107.07 | |
| 7,517.4 | 80.00 | 270.21 | 7,094.0 | -1,312.7 | -177.3 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,522.8 | 80.00 | 270.21 | 7,095.0 | -1,312.7 | -182.5 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,732.2 | 90.47 | 270.19 | 7,112.3 | -1,312.0 | -390.9 | 5.00 | 5.00 | -0.01 | -0.10 | |
| 11,794.3 | 90.47 | 270.19 | 7,079.0 | -1,298.4 | -4,452.8 | 0.00 | 0.00 | 0.00 | 0.00 | BHL 1790'FNL & 4( |

| | | | |
|---|---|---|---|
| **Database:** | Landmark | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Company:** | Bayswater Exploration & Production, LLC | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Project:** | SEC.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **North Reference:** | True |
| **Well:** | Kaiser F-10HN | **Survey Calculation Method:** | Minimum Curvature |
| **Wellbore:** | Wellbore #1 | | |
| **Design:** | Plan#1 (4-14-14) | | |

**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 |
| 1.0 | 0.00 | 0.00 | 1.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| **SHL 477'FNL & 394'FEL** | | | | | | | | | |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 600.0 | 0.00 | 0.00 | 600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| **KOP - Start Build 2.00** | | | | | | | | | |
| 700.0 | 2.00 | 164.90 | 700.0 | -1.7 | 0.5 | 0.0 | 2.00 | 2.00 | 0.00 |
| 800.0 | 4.00 | 164.90 | 799.8 | -6.7 | 1.8 | 0.1 | 2.00 | 2.00 | 0.00 |
| 900.0 | 6.00 | 164.90 | 899.5 | -15.2 | 4.1 | 0.3 | 2.00 | 2.00 | 0.00 |
| 1,000.0 | 8.00 | 164.90 | 998.7 | -26.9 | 7.3 | 0.6 | 2.00 | 2.00 | 0.00 |
| 1,100.0 | 10.00 | 164.90 | 1,097.5 | -42.0 | 11.3 | 0.9 | 2.00 | 2.00 | 0.00 |
| 1,200.0 | 12.00 | 164.90 | 1,195.6 | -60.4 | 16.3 | 1.3 | 2.00 | 2.00 | 0.00 |
| 1,230.8 | 12.62 | 164.90 | 1,225.7 | -66.8 | 18.0 | 1.4 | 2.00 | 2.00 | 0.00 |
| 1,300.0 | 12.62 | 164.90 | 1,293.2 | -81.4 | 22.0 | 1.7 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 12.62 | 164.90 | 1,390.8 | -102.5 | 27.6 | 2.1 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 12.62 | 164.90 | 1,488.4 | -123.6 | 33.3 | 2.6 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 12.62 | 164.90 | 1,586.0 | -144.6 | 39.0 | 3.0 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 12.62 | 164.90 | 1,683.6 | -165.7 | 44.7 | 3.5 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 12.62 | 164.90 | 1,781.2 | -186.8 | 50.4 | 3.9 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 12.62 | 164.90 | 1,878.8 | -207.9 | 56.1 | 4.4 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 12.62 | 164.90 | 1,976.3 | -229.0 | 61.8 | 4.8 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 12.62 | 164.90 | 2,073.9 | -250.1 | 67.5 | 5.2 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 12.62 | 164.90 | 2,171.5 | -271.2 | 73.2 | 5.7 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 12.62 | 164.90 | 2,269.1 | -292.3 | 78.8 | 6.1 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 12.62 | 164.90 | 2,366.7 | -313.3 | 84.5 | 6.6 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 12.62 | 164.90 | 2,464.3 | -334.4 | 90.2 | 7.0 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 12.62 | 164.90 | 2,561.9 | -355.5 | 95.9 | 7.4 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 12.62 | 164.90 | 2,659.4 | -376.6 | 101.6 | 7.9 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 12.62 | 164.90 | 2,757.0 | -397.7 | 107.3 | 8.3 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 12.62 | 164.90 | 2,854.6 | -418.8 | 113.0 | 8.8 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 12.62 | 164.90 | 2,952.2 | -439.9 | 118.7 | 9.2 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 12.62 | 164.90 | 3,049.8 | -461.0 | 124.4 | 9.6 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 12.62 | 164.90 | 3,147.4 | -482.1 | 130.1 | 10.1 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 12.62 | 164.90 | 3,245.0 | -503.1 | 135.7 | 10.5 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 12.62 | 164.90 | 3,342.5 | -524.2 | 141.4 | 11.0 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 12.62 | 164.90 | 3,440.1 | -545.3 | 147.1 | 11.4 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 12.62 | 164.90 | 3,537.7 | -566.4 | 152.8 | 11.9 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 12.62 | 164.90 | 3,635.3 | -587.5 | 158.5 | 12.3 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 12.62 | 164.90 | 3,732.9 | -608.6 | 164.2 | 12.7 | 0.00 | 0.00 | 0.00 |
| 3,867.2 | 12.62 | 164.90 | 3,798.5 | -622.8 | 168.0 | 13.0 | 0.00 | 0.00 | 0.00 |
| **PARKMAN** | | | | | | | | | |
| 3,900.0 | 12.62 | 164.90 | 3,830.5 | -629.7 | 169.9 | 13.2 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 12.62 | 164.90 | 3,928.0 | -650.8 | 175.6 | 13.6 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 12.62 | 164.90 | 4,025.6 | -671.9 | 181.3 | 14.1 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 12.62 | 164.90 | 4,123.2 | -692.9 | 186.9 | 14.5 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 12.62 | 164.90 | 4,220.8 | -714.0 | 192.6 | 14.9 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 12.62 | 164.90 | 4,318.4 | -735.1 | 198.3 | 15.4 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 12.62 | 164.90 | 4,416.0 | -756.2 | 204.0 | 15.8 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 12.62 | 164.90 | 4,513.6 | -777.3 | 209.7 | 16.3 | 0.00 | 0.00 | 0.00 |

| | | | |
|---|---|---|---|
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| **Project:** | SEC.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **North Reference:** | True |
| **Well:** | Kaiser F-10HN | **Survey Calculation Method:** | Minimum Curvature |
| **Wellbore:** | Wellbore #1 | | |
| **Design:** | Plan#1 (4-14-14) | | |

**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) |
|---|---|---|---|---|---|---|---|---|---|
| 4,687.0 | 12.62 | 164.90 | 4,598.5 | -795.7 | 214.7 | 16.7 | 0.00 | 0.00 | 0.00 |
| **SUSSEX** | | | | | | | | | |
| 4,700.0 | 12.62 | 164.90 | 4,611.1 | -798.4 | 215.4 | 16.7 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 12.62 | 164.90 | 4,708.7 | -819.5 | 221.1 | 17.2 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 12.62 | 164.90 | 4,806.3 | -840.6 | 226.8 | 17.6 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 12.62 | 164.90 | 4,903.9 | -861.7 | 232.5 | 18.0 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 12.62 | 164.90 | 5,001.5 | -882.7 | 238.1 | 18.5 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 12.62 | 164.90 | 5,099.1 | -903.8 | 243.8 | 18.9 | 0.00 | 0.00 | 0.00 |
| 5,209.7 | 12.62 | 164.90 | 5,108.5 | -905.9 | 244.4 | 19.0 | 0.00 | 0.00 | 0.00 |
| **SHANNON** | | | | | | | | | |
| 5,300.0 | 12.62 | 164.90 | 5,196.7 | -924.9 | 249.5 | 19.4 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 12.62 | 164.90 | 5,294.2 | -946.0 | 255.2 | 19.8 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 12.62 | 164.90 | 5,391.8 | -967.1 | 260.9 | 20.2 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 12.62 | 164.90 | 5,489.4 | -988.2 | 266.6 | 20.7 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 12.62 | 164.90 | 5,587.0 | -1,009.3 | 272.3 | 21.1 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 12.62 | 164.90 | 5,684.6 | -1,030.4 | 278.0 | 21.6 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 12.62 | 164.90 | 5,782.2 | -1,051.5 | 283.7 | 22.0 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 12.62 | 164.90 | 5,879.8 | -1,072.5 | 289.4 | 22.4 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 12.62 | 164.90 | 5,977.3 | -1,093.6 | 295.0 | 22.9 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 12.62 | 164.90 | 6,074.9 | -1,114.7 | 300.7 | 23.3 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 12.62 | 164.90 | 6,172.5 | -1,135.8 | 306.4 | 23.8 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 12.62 | 164.90 | 6,270.1 | -1,156.9 | 312.1 | 24.2 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 12.62 | 164.90 | 6,367.7 | -1,178.0 | 317.8 | 24.7 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 12.62 | 164.90 | 6,465.3 | -1,199.1 | 323.5 | 25.1 | 0.00 | 0.00 | 0.00 |
| 6,683.0 | 12.62 | 164.90 | 6,546.3 | -1,216.6 | 328.2 | 25.5 | 0.00 | 0.00 | 0.00 |
| **Start DLS 11.00 TFO 107.07** | | | | | | | | | |
| 6,700.0 | 12.20 | 173.37 | 6,562.9 | -1,220.2 | 328.9 | 25.8 | 10.97 | -2.46 | 49.80 |
| 6,800.0 | 15.06 | 219.88 | 6,660.3 | -1,240.7 | 321.8 | 38.4 | 11.00 | 2.87 | 46.51 |
| 6,900.0 | 23.31 | 242.67 | 6,754.8 | -1,259.8 | 295.8 | 68.7 | 11.00 | 8.25 | 22.79 |
| 7,000.0 | 33.14 | 253.28 | 6,842.9 | -1,276.8 | 251.9 | 115.6 | 11.00 | 9.83 | 10.61 |
| 7,062.9 | 39.61 | 257.42 | 6,893.5 | -1,286.1 | 215.8 | 152.8 | 11.00 | 10.29 | 6.58 |
| **NIOBRARA A TOP** | | | | | | | | | |
| 7,085.4 | 41.95 | 258.63 | 6,910.5 | -1,289.2 | 201.5 | 167.5 | 11.00 | 10.42 | 5.39 |
| **NIOBRARA A BASE** | | | | | | | | | |
| 7,100.0 | 43.49 | 259.36 | 6,921.3 | -1,291.1 | 191.7 | 177.4 | 11.00 | 10.47 | 4.99 |
| 7,200.0 | 54.05 | 263.46 | 6,987.1 | -1,302.1 | 117.5 | 251.7 | 11.00 | 10.56 | 4.10 |
| 7,248.0 | 59.16 | 265.04 | 7,013.5 | -1,306.1 | 77.6 | 291.1 | 11.00 | 10.65 | 3.30 |
| **NIOBRARA B TOP** | | | | | | | | | |
| 7,300.0 | 64.72 | 266.58 | 7,038.0 | -1,309.4 | 31.8 | 336.0 | 11.00 | 10.69 | 2.95 |
| 7,306.0 | 65.36 | 266.75 | 7,040.5 | -1,309.7 | 26.4 | 341.3 | 11.00 | 10.70 | 2.79 |
| **NIOBRARA B BASE** | | | | | | | | | |
| 7,400.0 | 75.44 | 269.19 | 7,072.0 | -1,312.8 | -62.0 | 427.0 | 11.00 | 10.73 | 2.60 |
| 7,419.3 | 77.52 | 269.66 | 7,076.5 | -1,313.0 | -80.8 | 445.1 | 11.00 | 10.74 | 2.43 |
| **NIOBRARA C TOP** | | | | | | | | | |
| 7,442.4 | 80.00 | 270.21 | 7,081.0 | -1,313.0 | -103.4 | 466.8 | 11.00 | 10.75 | 2.39 |
| **Start 75.0 hold at 7442.4 MD - 7"** | | | | | | | | | |
| 7,500.0 | 80.00 | 270.21 | 7,091.0 | -1,312.8 | -160.1 | 521.2 | 0.00 | 0.00 | 0.00 |
| 7,517.4 | 80.00 | 270.21 | 7,094.0 | -1,312.7 | -177.3 | 537.6 | 0.00 | 0.00 | 0.00 |
| 7,522.8 | 80.00 | 270.21 | 7,095.0 | -1,312.7 | -182.6 | 542.7 | 0.00 | 0.00 | 0.00 |
| **Start DLS 5.00 TFO -0.10** | | | | | | | | | |
| 7,600.0 | 83.86 | 270.20 | 7,105.8 | -1,312.4 | -259.0 | 616.0 | 5.00 | 5.00 | -0.01 |
| 7,700.0 | 88.86 | 270.19 | 7,112.1 | -1,312.1 | -358.7 | 711.7 | 5.00 | 5.00 | -0.01 |
| 7,732.2 | 90.47 | 270.19 | 7,112.3 | -1,312.0 | -390.9 | 742.5 | 5.00 | 5.00 | -0.01 |

| | | | |
|---|---|---|---|
| **Database:** | Landmark | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Company:** | Bayswater Exploration & Production, LLC | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Project:** | SEC.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **North Reference:** | True |
| **Well:** | Kaiser F-10HN | **Survey Calculation Method:** | Minimum Curvature |
| **Wellbore:** | Wellbore #1 | | |
| **Design:** | Plan#1 (4-14-14) | | |

**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) |
|---|---|---|---|---|---|---|---|---|---|
| 7,800.0 | 90.47 | 270.19 | 7,111.8 | -1,311.8 | -458.7 | 807.6 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 90.47 | 270.19 | 7,110.9 | -1,311.4 | -558.7 | 903.5 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 90.47 | 270.19 | 7,110.1 | -1,311.1 | -658.7 | 999.4 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 90.47 | 270.19 | 7,109.3 | -1,310.7 | -758.7 | 1,095.3 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 90.47 | 270.19 | 7,108.5 | -1,310.4 | -858.7 | 1,191.2 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 90.47 | 270.19 | 7,107.7 | -1,310.1 | -958.7 | 1,287.1 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 90.47 | 270.19 | 7,106.8 | -1,309.7 | -1,058.7 | 1,383.0 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 90.47 | 270.19 | 7,106.0 | -1,309.4 | -1,158.7 | 1,478.9 | 0.00 | 0.00 | 0.00 |
| 8,600.0 | 90.47 | 270.19 | 7,105.2 | -1,309.1 | -1,258.7 | 1,574.8 | 0.00 | 0.00 | 0.00 |
| 8,700.0 | 90.47 | 270.19 | 7,104.4 | -1,308.7 | -1,358.7 | 1,670.7 | 0.00 | 0.00 | 0.00 |
| 8,800.0 | 90.47 | 270.19 | 7,103.6 | -1,308.4 | -1,458.7 | 1,766.6 | 0.00 | 0.00 | 0.00 |
| 8,900.0 | 90.47 | 270.19 | 7,102.7 | -1,308.1 | -1,558.7 | 1,862.5 | 0.00 | 0.00 | 0.00 |
| 9,000.0 | 90.47 | 270.19 | 7,101.9 | -1,307.7 | -1,658.7 | 1,958.5 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 90.47 | 270.19 | 7,101.1 | -1,307.4 | -1,758.7 | 2,054.4 | 0.00 | 0.00 | 0.00 |
| 9,200.0 | 90.47 | 270.19 | 7,100.3 | -1,307.1 | -1,858.7 | 2,150.3 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 90.47 | 270.19 | 7,099.5 | -1,306.7 | -1,958.7 | 2,246.2 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 90.47 | 270.19 | 7,098.6 | -1,306.4 | -2,058.7 | 2,342.1 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 90.47 | 270.19 | 7,097.8 | -1,306.1 | -2,158.7 | 2,438.0 | 0.00 | 0.00 | 0.00 |
| 9,600.0 | 90.47 | 270.19 | 7,097.0 | -1,305.7 | -2,258.7 | 2,533.9 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 90.47 | 270.19 | 7,096.2 | -1,305.4 | -2,358.7 | 2,629.8 | 0.00 | 0.00 | 0.00 |
| 9,800.0 | 90.47 | 270.19 | 7,095.4 | -1,305.1 | -2,458.7 | 2,725.7 | 0.00 | 0.00 | 0.00 |
| 9,900.0 | 90.47 | 270.19 | 7,094.5 | -1,304.7 | -2,558.7 | 2,821.6 | 0.00 | 0.00 | 0.00 |
| 10,000.0 | 90.47 | 270.19 | 7,093.7 | -1,304.4 | -2,658.7 | 2,917.5 | 0.00 | 0.00 | 0.00 |
| 10,100.0 | 90.47 | 270.19 | 7,092.9 | -1,304.1 | -2,758.6 | 3,013.4 | 0.00 | 0.00 | 0.00 |
| 10,200.0 | 90.47 | 270.19 | 7,092.1 | -1,303.7 | -2,858.6 | 3,109.3 | 0.00 | 0.00 | 0.00 |
| 10,300.0 | 90.47 | 270.19 | 7,091.3 | -1,303.4 | -2,958.6 | 3,205.2 | 0.00 | 0.00 | 0.00 |
| 10,400.0 | 90.47 | 270.19 | 7,090.4 | -1,303.0 | -3,058.6 | 3,301.1 | 0.00 | 0.00 | 0.00 |
| 10,500.0 | 90.47 | 270.19 | 7,089.6 | -1,302.7 | -3,158.6 | 3,397.0 | 0.00 | 0.00 | 0.00 |
| 10,600.0 | 90.47 | 270.19 | 7,088.8 | -1,302.4 | -3,258.6 | 3,492.9 | 0.00 | 0.00 | 0.00 |
| 10,700.0 | 90.47 | 270.19 | 7,088.0 | -1,302.0 | -3,358.6 | 3,588.8 | 0.00 | 0.00 | 0.00 |
| 10,800.0 | 90.47 | 270.19 | 7,087.2 | -1,301.7 | -3,458.6 | 3,684.7 | 0.00 | 0.00 | 0.00 |
| 10,900.0 | 90.47 | 270.19 | 7,086.3 | -1,301.4 | -3,558.6 | 3,780.6 | 0.00 | 0.00 | 0.00 |
| 11,000.0 | 90.47 | 270.19 | 7,085.5 | -1,301.0 | -3,658.6 | 3,876.5 | 0.00 | 0.00 | 0.00 |
| 11,100.0 | 90.47 | 270.19 | 7,084.7 | -1,300.7 | -3,758.6 | 3,972.4 | 0.00 | 0.00 | 0.00 |
| 11,200.0 | 90.47 | 270.19 | 7,083.9 | -1,300.4 | -3,858.6 | 4,068.4 | 0.00 | 0.00 | 0.00 |
| 11,300.0 | 90.47 | 270.19 | 7,083.1 | -1,300.0 | -3,958.6 | 4,164.3 | 0.00 | 0.00 | 0.00 |
| 11,400.0 | 90.47 | 270.19 | 7,082.2 | -1,299.7 | -4,058.6 | 4,260.2 | 0.00 | 0.00 | 0.00 |
| 11,500.0 | 90.47 | 270.19 | 7,081.4 | -1,299.4 | -4,158.6 | 4,356.1 | 0.00 | 0.00 | 0.00 |
| 11,600.0 | 90.47 | 270.19 | 7,080.6 | -1,299.0 | -4,258.6 | 4,452.0 | 0.00 | 0.00 | 0.00 |
| 11,700.0 | 90.47 | 270.19 | 7,079.8 | -1,298.7 | -4,358.6 | 4,547.9 | 0.00 | 0.00 | 0.00 |
| 11,794.3 | 90.47 | 270.19 | 7,079.0 | -1,298.4 | -4,452.8 | 4,638.3 | 0.00 | 0.00 | 0.00 |
| **BHL 1790'FNL & 465'FWL** | | | | | | | | | |

**Casing Points**

| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") |
|---|---|---|---|---|
| 7,442.4 | 7,081.0 | 7" | 7 | 7-1/2 |

ENSIGN
Directional

# Bayswater Exploration & Production, LLC

**SEC.10-T6N-R65W**
**Kaiser 10-D Pad Sec.10-T6N-R65W**
**Kaiser F-10HN**

**Wellbore #1**
**Plan#1 (4-14-14)**

# Anticollision Report

**30 April, 2014**

BAYSWATER
EXPLORATION & PRODUCTION, LLC

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Reference** Plan#1 (4-14-14)

| | | | |
|---|---|---|---|
| **Filter type:** | NO GLOBAL FILTER: Using user defined selection & filtering criteria | | |
| **Interpolation Method:** | MD Interval 100.0ft | **Error Model:** | ISCWSA |
| **Depth Range:** | Unlimited | **Scan Method:** | Closest Approach 3D |
| **Results Limited by:** | Maximum center-center distance of 1,000.0ft | **Error Surface:** | Elliptical Conic |

**Warning Levels Evaluated at:** 2.00 **Sigma**

**Survey Tool Program** **Date** 4/30/2014

| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
|---|---|---|---|---|
| 0.0 | 11,794.3 | Plan#1 (4-14-14) (Wellbore #1) | MWD | MWD - Standard |

**Summary**

| Site Name / Offset Well - Wellbore - Design | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|
| Existing Wells Sec.10-T6N-R65W | | | | | | |
| Avery 12-10 (Exist) - Wellbore #1 - Wellbore #1 | 11,733.7 | 7,008.0 | 339.4 | 70.6 | 1.263 | Level 3, CC, ES, SF |
| Kaiser 42-10 (Exist) - Wellbore #1 - Wellbore #1 | 7,572.9 | 7,058.4 | 252.9 | 90.6 | 1.558 | CC, ES, SF |
| Kaiser 10-D Pad Sec.10-T6N-R65W | | | | | | |
| Kaiser A-10HN - Wellbore #1 - Plan #1 (4-14-14) | 600.0 | 600.0 | 74.8 | 72.4 | 30.273 | CC, ES |
| Kaiser A-10HN - Wellbore #1 - Plan #1 (4-14-14) | 900.0 | 899.5 | 90.0 | 86.3 | 24.201 | SF |
| Kaiser B-10HC - Wellbore #1 - Plan #1 (4-14-14) | 600.0 | 600.0 | 59.9 | 57.4 | 24.232 | CC, ES |
| Kaiser B-10HC - Wellbore #1 - Plan #1 (4-14-14) | 800.0 | 799.8 | 66.6 | 63.3 | 20.171 | SF |
| Kaiser C-10HN - Wellbore #1 - Plan #1 (4-14-14) | 600.0 | 600.0 | 45.0 | 42.5 | 18.189 | CC, ES |
| Kaiser C-10HN - Wellbore #1 - Plan #1 (4-14-14) | 11,794.3 | 11,631.0 | 991.0 | 731.1 | 3.813 | SF |
| Kaiser D-10HN - Wellbore #1 - Plan #1 (4-14-14) | 600.0 | 600.0 | 29.9 | 27.4 | 12.087 | CC, ES |
| Kaiser D-10HN - Wellbore #1 - Plan #1 (4-14-14) | 11,794.3 | 11,697.7 | 661.3 | 401.7 | 2.547 | SF |
| Kaiser E-10HN - Wellbore #1 - Plan #1 (4-14-14) | 600.0 | 600.0 | 14.9 | 12.5 | 6.044 | CC, ES |
| Kaiser E-10HN - Wellbore #1 - Plan #1 (4-14-14) | 11,794.3 | 11,744.6 | 330.4 | 70.5 | 1.271 | Level 3, SF |
| Kaiser G-10HN - Wellbore #1 - Plan#1 (4-14-14) | 400.0 | 400.0 | 15.1 | 13.5 | 9.587 | CC, ES |
| Kaiser G-10HN - Wellbore #1 - Plan#1 (4-14-14) | 11,794.3 | 11,799.8 | 335.0 | 77.8 | 1.303 | Level 3, SF |
| Kaiser H-10HC - Wellbore #1 - Plan #1 (4-14-14) | 200.0 | 200.0 | 30.0 | 29.3 | 44.525 | CC, ES |
| Kaiser H-10HC - Wellbore #1 - Plan #1 (4-14-14) | 11,794.3 | 12,005.9 | 665.5 | 407.5 | 2.580 | SF |
| Kaiser 17-10 Pad Sec.10-T6N-R65W | | | | | | |
| Kaiser 17-10 - Wellbore #1 - Wellbore #1 | 829.4 | 801.0 | 332.6 | 329.4 | 103.663 | CC, ES |
| Kaiser 17-10 - Wellbore #1 - Wellbore #1 | 8,400.0 | 7,206.7 | 506.2 | 448.2 | 8.736 | SF |
| KAISER 41-10 (EXISTING) - Wellbore #1 - EXISTING | 1,474.0 | 1,443.5 | 311.8 | 304.9 | 45.010 | CC |
| KAISER 41-10 (EXISTING) - Wellbore #1 - EXISTING | 1,500.0 | 1,468.9 | 311.9 | 304.8 | 43.954 | ES |
| KAISER 41-10 (EXISTING) - Wellbore #1 - EXISTING | 2,700.0 | 2,639.9 | 411.0 | 396.9 | 29.215 | SF |
| Kaiser 2-10 Pad Sec.10-T6N-R65W | | | | | | |
| Kaiser 18-10 - Wellbore #1 - Wellbore #1 | 10,940.7 | 7,169.9 | 437.4 | 310.7 | 3.453 | CC, ES |
| Kaiser 18-10 - Wellbore #1 - Wellbore #1 | 11,000.0 | 7,170.1 | 441.4 | 313.1 | 3.439 | SF |
| Kaiser Pad Sec.10-T6N-R65W | | | | | | |
| Kaiser 6-10 (Vert.) - Wellbore #1 - Vertical Well | 10,113.9 | 7,055.3 | 444.9 | 345.4 | 4.469 | CC, ES |
| Kaiser 6-10 (Vert.) - Wellbore #1 - Vertical Well | 10,200.0 | 7,054.6 | 453.2 | 351.3 | 4.446 | SF |
| Kaiser 7-10 - Wellbore #1 - Wellbore #1 | 8,799.7 | 7,257.5 | 194.3 | 117.4 | 2.526 | CC |
| Kaiser 7-10 - Wellbore #1 - Wellbore #1 | 8,800.0 | 7,257.5 | 194.3 | 117.4 | 2.525 | ES, SF |
| Kaiser 921-10 - Wellbore #1 - Wellbore #1 | 9,727.2 | 7,177.3 | 545.1 | 454.0 | 5.989 | CC, ES |
| Kaiser 921-10 - Wellbore #1 - Wellbore #1 | 9,800.0 | 7,175.9 | 549.9 | 456.9 | 5.914 | SF |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Existing Wells Sec.10-T6N-R65W - Avery 12-10 (Exist) - Wellbore #1 - Wellbore #1

**Offset Site Error:** 0.0 ft

**Survey Program:** 7235-UNKNOWN

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10,800.0 | 7,087.2 | 7,015.7 | 7,015.7 | 103.5 | 140.3 | -91.29 | -1,637.9 | -4,393.4 | 993.4 | 750.5 | 242.90 | 4.090 | |
| 10,900.0 | 7,086.3 | 7,014.8 | 7,014.8 | 106.3 | 140.3 | -91.15 | -1,637.9 | -4,393.4 | 900.1 | 654.4 | 245.67 | 3.664 | |
| 11,000.0 | 7,085.5 | 7,014.0 | 7,014.0 | 109.0 | 140.3 | -91.02 | -1,637.9 | -4,393.4 | 808.3 | 559.9 | 248.44 | 3.254 | |
| 11,100.0 | 7,084.7 | 7,013.2 | 7,013.2 | 111.8 | 140.3 | -90.88 | -1,637.9 | -4,393.4 | 718.8 | 467.6 | 251.21 | 2.861 | |
| 11,200.0 | 7,083.9 | 7,012.4 | 7,012.4 | 114.5 | 140.2 | -90.74 | -1,637.9 | -4,393.4 | 632.4 | 378.4 | 253.98 | 2.490 | |
| 11,300.0 | 7,083.1 | 7,011.6 | 7,011.6 | 117.3 | 140.2 | -90.60 | -1,637.9 | -4,393.4 | 550.7 | 293.9 | 256.75 | 2.145 | |
| 11,400.0 | 7,082.2 | 7,010.7 | 7,010.7 | 120.0 | 140.2 | -90.46 | -1,637.9 | -4,393.4 | 475.9 | 216.4 | 259.52 | 1.834 | |
| 11,500.0 | 7,081.4 | 7,009.9 | 7,009.9 | 122.8 | 140.2 | -90.32 | -1,637.9 | -4,393.4 | 412.0 | 149.7 | 262.29 | 1.571 | |
| 11,600.0 | 7,080.6 | 7,009.1 | 7,009.1 | 125.6 | 140.2 | -90.19 | -1,637.9 | -4,393.4 | 364.7 | 99.7 | 265.06 | 1.376 | Level 3 |
| 11,700.0 | 7,079.8 | 7,008.3 | 7,008.3 | 128.3 | 140.2 | -90.05 | -1,637.9 | -4,393.4 | 341.0 | 73.2 | 267.84 | 1.273 | Level 3 |
| 11,733.7 | 7,079.5 | 7,008.0 | 7,008.0 | 129.3 | 140.2 | -90.00 | -1,637.9 | -4,393.4 | 339.4 | 70.6 | 268.77 | 1.263 | Level 3, CC, ES, SF |
| 11,794.3 | 7,079.0 | 7,007.5 | 7,007.5 | 130.9 | 140.2 | -89.92 | -1,637.9 | -4,393.4 | 344.7 | 74.3 | 270.45 | 1.275 | Level 3 |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Existing Wells Sec.10-T6N-R65W - Kaiser 42-10 (Exist) - Wellbore #1 - Wellbore #1

**Offset Site Error:** 0.0 ft

**Survey Program:** 7330-UNKNOWN

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,100.0 | 4,025.6 | 3,982.1 | 3,982.1 | 16.1 | 79.6 | 40.66 | -1,565.5 | -233.0 | 985.0 | 893.5 | 91.44 | 10.771 | |
| 4,200.0 | 4,123.2 | 4,079.7 | 4,079.7 | 16.5 | 81.6 | 41.50 | -1,565.5 | -233.0 | 968.4 | 874.5 | 93.86 | 10.317 | |
| 4,300.0 | 4,220.8 | 4,177.3 | 4,177.3 | 17.0 | 83.5 | 42.36 | -1,565.5 | -233.0 | 951.9 | 855.6 | 96.28 | 9.887 | |
| 4,400.0 | 4,318.4 | 4,274.9 | 4,274.9 | 17.5 | 85.5 | 43.25 | -1,565.5 | -233.0 | 935.7 | 837.0 | 98.72 | 9.478 | |
| 4,500.0 | 4,416.0 | 4,372.5 | 4,372.5 | 18.0 | 87.4 | 44.17 | -1,565.5 | -233.0 | 919.7 | 818.6 | 101.17 | 9.091 | |
| 4,600.0 | 4,513.6 | 4,470.1 | 4,470.1 | 18.5 | 89.4 | 45.12 | -1,565.5 | -233.0 | 904.0 | 800.4 | 103.63 | 8.723 | |
| 4,700.0 | 4,611.1 | 4,567.6 | 4,567.6 | 18.9 | 91.4 | 46.11 | -1,565.5 | -233.0 | 888.6 | 782.4 | 106.11 | 8.374 | |
| 4,800.0 | 4,708.7 | 4,665.2 | 4,665.2 | 19.4 | 93.3 | 47.13 | -1,565.5 | -233.0 | 873.4 | 764.8 | 108.59 | 8.043 | |
| 4,900.0 | 4,806.3 | 4,762.8 | 4,762.8 | 19.9 | 95.3 | 48.18 | -1,565.5 | -233.0 | 858.4 | 747.4 | 111.09 | 7.727 | |
| 5,000.0 | 4,903.9 | 4,860.4 | 4,860.4 | 20.4 | 97.2 | 49.27 | -1,565.5 | -233.0 | 843.8 | 730.2 | 113.61 | 7.428 | |
| 5,100.0 | 5,001.5 | 4,958.0 | 4,958.0 | 20.8 | 99.2 | 50.40 | -1,565.5 | -233.0 | 829.5 | 713.4 | 116.13 | 7.143 | |
| 5,200.0 | 5,099.1 | 5,055.6 | 5,055.6 | 21.3 | 101.1 | 51.56 | -1,565.5 | -233.0 | 815.6 | 696.9 | 118.67 | 6.873 | |
| 5,300.0 | 5,196.7 | 5,153.2 | 5,153.2 | 21.8 | 103.1 | 52.77 | -1,565.5 | -233.0 | 802.0 | 680.8 | 121.23 | 6.616 | |
| 5,400.0 | 5,294.2 | 5,250.7 | 5,250.7 | 22.3 | 105.0 | 54.01 | -1,565.5 | -233.0 | 788.8 | 665.0 | 123.79 | 6.372 | |
| 5,500.0 | 5,391.8 | 5,348.3 | 5,348.3 | 22.8 | 107.0 | 55.30 | -1,565.5 | -233.0 | 775.9 | 649.5 | 126.37 | 6.140 | |
| 5,600.0 | 5,489.4 | 5,445.9 | 5,445.9 | 23.2 | 108.9 | 56.62 | -1,565.5 | -233.0 | 763.5 | 634.5 | 128.96 | 5.920 | |
| 5,700.0 | 5,587.0 | 5,543.5 | 5,543.5 | 23.7 | 110.9 | 57.99 | -1,565.5 | -233.0 | 751.5 | 619.9 | 131.56 | 5.712 | |
| 5,800.0 | 5,684.6 | 5,641.1 | 5,641.1 | 24.2 | 112.8 | 59.40 | -1,565.5 | -233.0 | 739.9 | 605.7 | 134.18 | 5.515 | |
| 5,900.0 | 5,782.2 | 5,738.7 | 5,738.7 | 24.7 | 114.8 | 60.85 | -1,565.5 | -233.0 | 728.8 | 592.0 | 136.80 | 5.328 | |
| 6,000.0 | 5,879.8 | 5,836.3 | 5,836.3 | 25.1 | 116.7 | 62.34 | -1,565.5 | -233.0 | 718.3 | 578.8 | 139.43 | 5.151 | |
| 6,100.0 | 5,977.3 | 5,933.8 | 5,933.8 | 25.6 | 118.7 | 63.88 | -1,565.5 | -233.0 | 708.2 | 566.1 | 142.06 | 4.985 | |
| 6,200.0 | 6,074.9 | 6,031.4 | 6,031.4 | 26.1 | 120.6 | 65.45 | -1,565.5 | -233.0 | 698.6 | 553.9 | 144.70 | 4.828 | |
| 6,300.0 | 6,172.5 | 6,129.0 | 6,129.0 | 26.6 | 122.6 | 67.07 | -1,565.5 | -233.0 | 689.7 | 542.3 | 147.34 | 4.681 | |
| 6,400.0 | 6,270.1 | 6,226.6 | 6,226.6 | 27.1 | 124.5 | 68.73 | -1,565.5 | -233.0 | 681.3 | 531.3 | 149.99 | 4.542 | |
| 6,500.0 | 6,367.7 | 6,324.2 | 6,324.2 | 27.5 | 126.5 | 70.42 | -1,565.5 | -233.0 | 673.5 | 520.9 | 152.63 | 4.413 | |
| 6,600.0 | 6,465.3 | 6,421.8 | 6,421.8 | 28.0 | 128.4 | 72.15 | -1,565.5 | -233.0 | 666.3 | 511.1 | 155.26 | 4.292 | |
| 6,700.0 | 6,562.9 | 6,519.4 | 6,519.4 | 28.5 | 130.4 | 65.56 | -1,565.5 | -233.0 | 659.6 | 502.0 | 157.60 | 4.185 | |
| 6,800.0 | 6,660.3 | 6,616.8 | 6,616.8 | 28.8 | 132.3 | 20.42 | -1,565.5 | -233.0 | 642.9 | 487.0 | 155.85 | 4.125 | |
| 6,900.0 | 6,754.8 | 6,711.3 | 6,711.3 | 29.1 | 134.2 | -2.94 | -1,565.5 | -233.0 | 610.8 | 461.2 | 149.58 | 4.083 | |
| 7,000.0 | 6,842.9 | 6,799.4 | 6,799.4 | 29.2 | 136.0 | -16.63 | -1,565.5 | -233.0 | 564.4 | 424.3 | 140.04 | 4.030 | |
| 7,100.0 | 6,921.3 | 6,877.8 | 6,877.8 | 29.3 | 137.6 | -29.38 | -1,565.5 | -233.0 | 505.7 | 373.9 | 131.74 | 3.839 | |
| 7,200.0 | 6,987.1 | 6,943.6 | 6,943.6 | 29.4 | 138.9 | -44.96 | -1,565.5 | -233.0 | 438.4 | 305.0 | 133.42 | 3.286 | |
| 7,300.0 | 7,038.0 | 6,994.5 | 6,994.5 | 29.4 | 139.9 | -63.52 | -1,565.5 | -233.0 | 368.4 | 221.3 | 147.12 | 2.504 | |
| 7,400.0 | 7,072.0 | 7,028.5 | 7,028.5 | 29.4 | 140.6 | -80.05 | -1,565.5 | -233.0 | 305.2 | 147.0 | 158.21 | 1.929 | |
| 7,500.0 | 7,091.0 | 7,047.5 | 7,047.5 | 29.5 | 140.9 | -87.17 | -1,565.5 | -233.0 | 263.0 | 101.8 | 161.17 | 1.632 | |
| 7,572.9 | 7,101.9 | 7,058.4 | 7,058.4 | 29.5 | 141.2 | -90.00 | -1,565.5 | -233.0 | 252.9 | 90.6 | 162.37 | 1.558 | CC, ES, SF |
| 7,600.0 | 7,105.8 | 7,062.3 | 7,062.3 | 29.6 | 141.2 | -90.65 | -1,565.5 | -233.0 | 254.4 | 91.6 | 162.76 | 1.563 | |
| 7,700.0 | 7,112.1 | 7,068.6 | 7,068.6 | 29.9 | 141.4 | -90.57 | -1,565.5 | -233.0 | 282.9 | 118.4 | 164.47 | 1.720 | |
| 7,800.0 | 7,111.8 | 7,068.3 | 7,068.3 | 30.5 | 141.4 | -89.58 | -1,565.5 | -233.0 | 339.6 | 173.3 | 166.33 | 2.042 | |
| 7,900.0 | 7,110.9 | 7,067.4 | 7,067.4 | 31.4 | 141.3 | -89.39 | -1,565.5 | -233.0 | 413.1 | 244.8 | 168.28 | 2.455 | |
| 8,000.0 | 7,110.1 | 7,066.6 | 7,066.6 | 32.7 | 141.3 | -89.21 | -1,565.5 | -233.0 | 495.9 | 325.5 | 170.38 | 2.911 | |
| 8,100.0 | 7,109.3 | 7,065.8 | 7,065.8 | 34.3 | 141.3 | -89.02 | -1,565.5 | -233.0 | 584.1 | 411.6 | 172.58 | 3.385 | |
| 8,200.0 | 7,108.5 | 7,065.0 | 7,065.0 | 36.2 | 141.3 | -88.84 | -1,565.5 | -233.0 | 675.7 | 500.8 | 174.87 | 3.864 | |
| 8,300.0 | 7,107.7 | 7,064.2 | 7,064.2 | 38.3 | 141.3 | -88.65 | -1,565.5 | -233.0 | 769.3 | 592.1 | 177.23 | 4.341 | |
| 8,400.0 | 7,106.8 | 7,063.3 | 7,063.3 | 40.5 | 141.3 | -88.46 | -1,565.5 | -233.0 | 864.4 | 684.7 | 179.64 | 4.812 | |
| 8,500.0 | 7,106.0 | 7,062.5 | 7,062.5 | 42.9 | 141.3 | -88.28 | -1,565.5 | -233.0 | 960.4 | 778.3 | 182.10 | 5.274 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser A-10HN - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -31.59 | 63.8 | -39.2 | 74.8 | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | -31.59 | 63.8 | -39.2 | 74.8 | 74.6 | 0.22 | 333.002 | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -31.59 | 63.8 | -39.2 | 74.8 | 74.2 | 0.67 | 111.001 | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | -31.59 | 63.8 | -39.2 | 74.8 | 73.7 | 1.12 | 66.600 | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | -31.59 | 63.8 | -39.2 | 74.8 | 73.3 | 1.57 | 47.572 | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | -31.59 | 63.8 | -39.2 | 74.8 | 72.8 | 2.02 | 37.000 | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | -31.59 | 63.8 | -39.2 | 74.8 | 72.4 | 2.47 | 30.273 | CC, ES |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.4 | 1.5 | 163.87 | 63.8 | -39.2 | 76.5 | 73.6 | 2.90 | 26.422 | |
| 800.0 | 799.8 | 799.8 | 799.8 | 1.6 | 1.7 | 164.86 | 63.8 | -39.2 | 81.6 | 78.3 | 3.30 | 24.692 | |
| 900.0 | 899.5 | 899.5 | 899.5 | 1.8 | 1.9 | 166.27 | 63.8 | -39.2 | 90.0 | 86.3 | 3.72 | 24.201 | SF |
| 1,000.0 | 998.7 | 998.7 | 998.7 | 2.1 | 2.1 | 167.85 | 63.8 | -39.2 | 101.9 | 97.7 | 4.14 | 24.604 | |
| 1,100.0 | 1,097.5 | 1,097.5 | 1,097.5 | 2.4 | 2.4 | 169.40 | 63.8 | -39.2 | 117.2 | 112.7 | 4.57 | 25.669 | |
| 1,200.0 | 1,195.6 | 1,195.6 | 1,195.6 | 2.7 | 2.6 | 170.82 | 63.8 | -39.2 | 136.0 | 131.0 | 5.00 | 27.232 | |
| 1,300.0 | 1,293.2 | 1,293.2 | 1,293.2 | 3.1 | 2.8 | 172.06 | 63.8 | -39.2 | 157.5 | 152.1 | 5.44 | 28.962 | |
| 1,400.0 | 1,390.8 | 1,390.8 | 1,390.8 | 3.5 | 3.0 | 173.02 | 63.8 | -39.2 | 179.2 | 173.3 | 5.89 | 30.411 | |
| 1,500.0 | 1,488.4 | 1,488.4 | 1,488.4 | 3.9 | 3.2 | 173.78 | 63.8 | -39.2 | 200.9 | 194.5 | 6.35 | 31.632 | |
| 1,600.0 | 1,586.0 | 1,586.0 | 1,586.0 | 4.3 | 3.5 | 174.39 | 63.8 | -39.2 | 222.6 | 215.8 | 6.81 | 32.672 | |
| 1,700.0 | 1,683.6 | 1,682.1 | 1,682.0 | 4.8 | 3.7 | 175.16 | 64.4 | -38.2 | 244.6 | 237.3 | 7.27 | 33.642 | |
| 1,800.0 | 1,781.2 | 1,777.3 | 1,777.2 | 5.2 | 3.9 | 176.47 | 66.7 | -34.6 | 267.4 | 259.7 | 7.72 | 34.618 | |
| 1,900.0 | 1,878.8 | 1,871.7 | 1,871.3 | 5.7 | 4.1 | 178.18 | 70.7 | -28.4 | 291.2 | 283.0 | 8.18 | 35.584 | |
| 2,000.0 | 1,976.3 | 1,965.1 | 1,964.1 | 6.2 | 4.3 | -179.83 | 76.3 | -19.6 | 316.1 | 307.5 | 8.65 | 36.541 | |
| 2,100.0 | 2,073.9 | 2,060.9 | 2,059.1 | 6.6 | 4.5 | -177.80 | 82.9 | -9.2 | 342.0 | 332.9 | 9.14 | 37.409 | |
| 2,200.0 | 2,171.5 | 2,156.8 | 2,154.2 | 7.1 | 4.8 | -176.05 | 89.5 | 1.2 | 368.2 | 358.6 | 9.64 | 38.177 | |
| 2,300.0 | 2,269.1 | 2,252.7 | 2,249.4 | 7.5 | 5.0 | -174.54 | 96.2 | 11.6 | 394.7 | 384.5 | 10.16 | 38.848 | |
| 2,400.0 | 2,366.7 | 2,348.7 | 2,344.5 | 8.0 | 5.3 | -173.21 | 102.8 | 22.0 | 421.4 | 410.7 | 10.68 | 39.445 | |
| 2,500.0 | 2,464.3 | 2,444.6 | 2,439.6 | 8.5 | 5.5 | -172.04 | 109.4 | 32.4 | 448.3 | 437.1 | 11.22 | 39.972 | |
| 2,600.0 | 2,561.9 | 2,540.5 | 2,534.8 | 9.0 | 5.8 | -171.00 | 116.1 | 42.8 | 475.3 | 463.6 | 11.75 | 40.442 | |
| 2,700.0 | 2,659.4 | 2,636.5 | 2,629.9 | 9.4 | 6.1 | -170.08 | 122.7 | 53.2 | 502.5 | 490.2 | 12.30 | 40.861 | |
| 2,800.0 | 2,757.0 | 2,732.4 | 2,725.0 | 9.9 | 6.4 | -169.25 | 129.3 | 63.6 | 529.8 | 517.0 | 12.85 | 41.237 | |
| 2,900.0 | 2,854.6 | 2,828.3 | 2,820.2 | 10.4 | 6.6 | -168.49 | 136.0 | 74.0 | 557.2 | 543.8 | 13.40 | 41.575 | |
| 3,000.0 | 2,952.2 | 2,924.3 | 2,915.3 | 10.8 | 6.9 | -167.81 | 142.6 | 84.4 | 584.7 | 570.7 | 13.96 | 41.882 | |
| 3,100.0 | 3,049.8 | 3,020.2 | 3,010.4 | 11.3 | 7.2 | -167.20 | 149.3 | 94.8 | 612.2 | 597.7 | 14.52 | 42.160 | |
| 3,200.0 | 3,147.4 | 3,116.1 | 3,105.6 | 11.8 | 7.5 | -166.63 | 155.9 | 105.2 | 639.8 | 624.7 | 15.09 | 42.413 | |
| 3,300.0 | 3,245.0 | 3,212.1 | 3,200.7 | 12.3 | 7.8 | -166.11 | 162.5 | 115.6 | 667.5 | 651.8 | 15.65 | 42.645 | |
| 3,400.0 | 3,342.5 | 3,308.0 | 3,295.8 | 12.7 | 8.1 | -165.63 | 169.2 | 126.0 | 695.1 | 678.9 | 16.22 | 42.857 | |
| 3,500.0 | 3,440.1 | 3,403.9 | 3,391.0 | 13.2 | 8.4 | -165.19 | 175.8 | 136.4 | 722.9 | 706.1 | 16.79 | 43.052 | |
| 3,600.0 | 3,537.7 | 3,499.8 | 3,486.1 | 13.7 | 8.7 | -164.78 | 182.4 | 146.9 | 750.7 | 733.3 | 17.36 | 43.233 | |
| 3,700.0 | 3,635.3 | 3,595.8 | 3,581.2 | 14.2 | 9.0 | -164.40 | 189.1 | 157.3 | 778.5 | 760.5 | 17.94 | 43.399 | |
| 3,800.0 | 3,732.9 | 3,691.7 | 3,676.4 | 14.6 | 9.3 | -164.05 | 195.7 | 167.7 | 806.3 | 787.8 | 18.51 | 43.554 | |
| 3,900.0 | 3,830.5 | 3,787.6 | 3,771.5 | 15.1 | 9.6 | -163.72 | 202.4 | 178.1 | 834.2 | 815.1 | 19.09 | 43.697 | |
| 4,000.0 | 3,928.0 | 3,883.6 | 3,866.6 | 15.6 | 9.9 | -163.41 | 209.0 | 188.5 | 862.1 | 842.4 | 19.67 | 43.831 | |
| 4,100.0 | 4,025.6 | 3,979.5 | 3,961.8 | 16.1 | 10.2 | -163.12 | 215.6 | 198.9 | 890.0 | 869.7 | 20.25 | 43.956 | |
| 4,200.0 | 4,123.2 | 4,075.4 | 4,056.9 | 16.5 | 10.5 | -162.84 | 222.3 | 209.3 | 917.9 | 897.1 | 20.83 | 44.073 | |
| 4,300.0 | 4,220.8 | 4,171.4 | 4,152.0 | 17.0 | 10.8 | -162.59 | 228.9 | 219.7 | 945.8 | 924.4 | 21.41 | 44.183 | |
| 4,400.0 | 4,318.4 | 4,267.3 | 4,247.2 | 17.5 | 11.1 | -162.35 | 235.6 | 230.1 | 973.8 | 951.8 | 21.99 | 44.285 | |

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|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser B-10HC - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -31.63 | 51.0 | -31.4 | 59.9 | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | -31.63 | 51.0 | -31.4 | 59.9 | 59.7 | 0.22 | 266.547 | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -31.63 | 51.0 | -31.4 | 59.9 | 59.2 | 0.67 | 88.849 | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | -31.63 | 51.0 | -31.4 | 59.9 | 58.8 | 1.12 | 53.309 | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | -31.63 | 51.0 | -31.4 | 59.9 | 58.3 | 1.57 | 38.078 | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | -31.63 | 51.0 | -31.4 | 59.9 | 57.9 | 2.02 | 29.616 | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | -31.63 | 51.0 | -31.4 | 59.9 | 57.4 | 2.47 | 24.232 | CC, ES |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.4 | 1.5 | 163.92 | 51.0 | -31.4 | 61.6 | 58.7 | 2.90 | 21.265 | |
| 800.0 | 799.8 | 799.8 | 799.8 | 1.6 | 1.7 | 165.14 | 51.0 | -31.4 | 66.6 | 63.3 | 3.30 | 20.171 | SF |
| 900.0 | 899.5 | 899.5 | 899.5 | 1.8 | 1.9 | 166.80 | 51.0 | -31.4 | 75.1 | 71.4 | 3.72 | 20.190 | |
| 1,000.0 | 998.7 | 998.7 | 998.7 | 2.1 | 2.1 | 168.59 | 51.0 | -31.4 | 87.0 | 82.9 | 4.14 | 21.010 | |
| 1,100.0 | 1,097.5 | 1,097.5 | 1,097.5 | 2.4 | 2.4 | 170.27 | 51.0 | -31.4 | 102.4 | 97.8 | 4.57 | 22.422 | |
| 1,200.0 | 1,195.6 | 1,195.6 | 1,195.6 | 2.7 | 2.6 | 171.74 | 51.0 | -31.4 | 121.2 | 116.2 | 4.99 | 24.276 | |
| 1,300.0 | 1,293.2 | 1,293.2 | 1,293.2 | 3.1 | 2.8 | 172.97 | 51.0 | -31.4 | 142.7 | 137.3 | 5.44 | 26.258 | |
| 1,400.0 | 1,390.8 | 1,390.8 | 1,390.8 | 3.5 | 3.0 | 173.90 | 51.0 | -31.4 | 164.4 | 158.6 | 5.89 | 27.924 | |
| 1,500.0 | 1,488.4 | 1,491.1 | 1,491.1 | 3.9 | 3.2 | 175.04 | 50.8 | -30.0 | 185.5 | 179.2 | 6.34 | 29.280 | |
| 1,600.0 | 1,586.0 | 1,592.0 | 1,591.9 | 4.3 | 3.4 | 176.84 | 50.2 | -25.0 | 205.2 | 198.4 | 6.78 | 30.283 | |
| 1,700.0 | 1,683.6 | 1,693.0 | 1,692.5 | 4.8 | 3.6 | 179.17 | 49.2 | -16.6 | 223.7 | 216.4 | 7.23 | 30.936 | |
| 1,800.0 | 1,781.2 | 1,792.8 | 1,791.6 | 5.2 | 3.9 | -178.16 | 47.8 | -5.0 | 241.3 | 233.6 | 7.70 | 31.317 | |
| 1,900.0 | 1,878.8 | 1,890.6 | 1,888.7 | 5.7 | 4.1 | -175.77 | 46.3 | 7.0 | 259.1 | 250.9 | 8.20 | 31.596 | |
| 2,000.0 | 1,976.3 | 1,988.5 | 1,985.8 | 6.2 | 4.4 | -173.68 | 44.8 | 19.0 | 277.3 | 268.6 | 8.72 | 31.818 | |
| 2,100.0 | 2,073.9 | 2,086.3 | 2,082.9 | 6.6 | 4.6 | -171.85 | 43.4 | 31.0 | 295.9 | 286.6 | 9.25 | 31.992 | |
| 2,200.0 | 2,171.5 | 2,184.2 | 2,180.0 | 7.1 | 4.9 | -170.24 | 41.9 | 43.0 | 314.6 | 304.9 | 9.79 | 32.126 | |
| 2,300.0 | 2,269.1 | 2,282.0 | 2,277.1 | 7.5 | 5.1 | -168.80 | 40.4 | 55.0 | 333.7 | 323.3 | 10.35 | 32.226 | |
| 2,400.0 | 2,366.7 | 2,379.9 | 2,374.2 | 8.0 | 5.4 | -167.52 | 39.0 | 67.0 | 352.8 | 341.9 | 10.92 | 32.300 | |
| 2,500.0 | 2,464.3 | 2,477.7 | 2,471.3 | 8.5 | 5.7 | -166.38 | 37.5 | 78.9 | 372.2 | 360.7 | 11.50 | 32.354 | |
| 2,600.0 | 2,561.9 | 2,575.6 | 2,568.4 | 9.0 | 6.0 | -165.34 | 36.0 | 90.9 | 391.7 | 379.6 | 12.09 | 32.391 | |
| 2,700.0 | 2,659.4 | 2,673.4 | 2,665.5 | 9.4 | 6.3 | -164.41 | 34.6 | 102.9 | 411.2 | 398.5 | 12.69 | 32.415 | |
| 2,800.0 | 2,757.0 | 2,771.3 | 2,762.6 | 9.9 | 6.6 | -163.56 | 33.1 | 114.9 | 430.9 | 417.6 | 13.29 | 32.429 | |
| 2,900.0 | 2,854.6 | 2,869.1 | 2,859.7 | 10.4 | 6.9 | -162.78 | 31.6 | 126.9 | 450.7 | 436.8 | 13.89 | 32.436 | |
| 3,000.0 | 2,952.2 | 2,967.0 | 2,956.8 | 10.8 | 7.1 | -162.07 | 30.2 | 138.9 | 470.5 | 456.0 | 14.51 | 32.436 | |
| 3,100.0 | 3,049.8 | 3,064.8 | 3,053.9 | 11.3 | 7.4 | -161.42 | 28.7 | 150.9 | 490.4 | 475.3 | 15.12 | 32.432 | |
| 3,200.0 | 3,147.4 | 3,162.7 | 3,151.0 | 11.8 | 7.7 | -160.81 | 27.2 | 162.9 | 510.4 | 494.6 | 15.74 | 32.424 | |
| 3,300.0 | 3,245.0 | 3,260.5 | 3,248.1 | 12.3 | 8.0 | -160.26 | 25.8 | 174.9 | 530.4 | 514.0 | 16.36 | 32.413 | |
| 3,400.0 | 3,342.5 | 3,358.4 | 3,345.2 | 12.7 | 8.3 | -159.74 | 24.3 | 186.9 | 550.4 | 533.4 | 16.99 | 32.400 | |
| 3,500.0 | 3,440.1 | 3,456.2 | 3,442.3 | 13.2 | 8.6 | -159.26 | 22.8 | 198.8 | 570.5 | 552.9 | 17.62 | 32.386 | |
| 3,600.0 | 3,537.7 | 3,554.1 | 3,539.4 | 13.7 | 9.0 | -158.81 | 21.4 | 210.8 | 590.6 | 572.4 | 18.25 | 32.370 | |
| 3,700.0 | 3,635.3 | 3,651.9 | 3,636.5 | 14.2 | 9.3 | -158.39 | 19.9 | 222.8 | 610.8 | 591.9 | 18.88 | 32.354 | |
| 3,800.0 | 3,732.9 | 3,749.8 | 3,733.6 | 14.6 | 9.6 | -158.00 | 18.4 | 234.8 | 631.0 | 611.5 | 19.51 | 32.337 | |
| 3,900.0 | 3,830.5 | 3,847.6 | 3,830.7 | 15.1 | 9.9 | -157.63 | 17.0 | 246.8 | 651.2 | 631.1 | 20.15 | 32.320 | |
| 4,000.0 | 3,928.0 | 3,945.5 | 3,927.8 | 15.6 | 10.2 | -157.29 | 15.5 | 258.8 | 671.4 | 650.7 | 20.79 | 32.303 | |
| 4,100.0 | 4,025.6 | 4,043.4 | 4,024.9 | 16.1 | 10.5 | -156.96 | 14.0 | 270.8 | 691.7 | 670.3 | 21.42 | 32.285 | |
| 4,200.0 | 4,123.2 | 4,141.2 | 4,122.0 | 16.5 | 10.8 | -156.65 | 12.6 | 282.8 | 712.0 | 689.9 | 22.06 | 32.268 | |
| 4,300.0 | 4,220.8 | 4,239.1 | 4,219.1 | 17.0 | 11.1 | -156.36 | 11.1 | 294.8 | 732.3 | 709.6 | 22.71 | 32.251 | |
| 4,400.0 | 4,318.4 | 4,336.9 | 4,316.3 | 17.5 | 11.4 | -156.09 | 9.6 | 306.8 | 752.6 | 729.3 | 23.35 | 32.234 | |
| 4,500.0 | 4,416.0 | 4,434.8 | 4,413.4 | 18.0 | 11.7 | -155.83 | 8.2 | 318.8 | 772.9 | 749.0 | 23.99 | 32.217 | |
| 4,600.0 | 4,513.6 | 4,533.2 | 4,511.1 | 18.5 | 12.0 | -155.64 | 6.8 | 330.1 | 793.3 | 768.7 | 24.59 | 32.261 | |
| 4,700.0 | 4,611.1 | 4,631.9 | 4,609.5 | 18.9 | 12.2 | -155.68 | 5.8 | 338.3 | 813.5 | 788.4 | 25.11 | 32.401 | |
| 4,800.0 | 4,708.7 | 4,730.6 | 4,708.1 | 19.4 | 12.4 | -155.96 | 5.2 | 343.1 | 833.6 | 808.1 | 25.57 | 32.598 | |
| 4,900.0 | 4,806.3 | 4,828.9 | 4,806.3 | 19.9 | 12.5 | -156.46 | 5.0 | 344.6 | 853.7 | 827.7 | 25.99 | 32.845 | |
| 5,000.0 | 4,903.9 | 4,926.5 | 4,903.9 | 20.4 | 12.7 | -157.03 | 5.0 | 344.6 | 873.9 | 847.5 | 26.40 | 33.100 | |
| 5,100.0 | 5,001.5 | 5,024.1 | 5,001.5 | 20.8 | 12.9 | -157.58 | 5.0 | 344.6 | 894.1 | 867.3 | 26.82 | 33.340 | |

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

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser B-10HC - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,200.0 | 5,099.1 | 5,121.6 | 5,099.1 | 21.3 | 13.1 | -158.10 | 5.0 | 344.6 | 914.4 | 887.2 | 27.24 | 33.573 | |
| 5,300.0 | 5,196.7 | 5,219.2 | 5,196.7 | 21.8 | 13.2 | -158.59 | 5.0 | 344.6 | 934.8 | 907.1 | 27.66 | 33.799 | |
| 5,400.0 | 5,294.2 | 5,316.8 | 5,294.2 | 22.3 | 13.4 | -159.07 | 5.0 | 344.6 | 955.2 | 927.1 | 28.08 | 34.019 | |
| 5,500.0 | 5,391.8 | 5,414.4 | 5,391.8 | 22.8 | 13.6 | -159.53 | 5.0 | 344.6 | 975.7 | 947.2 | 28.50 | 34.233 | |
| 5,600.0 | 5,489.4 | 5,512.0 | 5,489.4 | 23.2 | 13.8 | -159.97 | 5.0 | 344.6 | 996.3 | 967.3 | 28.93 | 34.440 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser C-10HN - Wellbore #1 - Plan #1 (4-14-14) — **Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD — **Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -31.71 | 38.3 | -23.6 | 45.0 | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | -31.71 | 38.3 | -23.6 | 45.0 | 44.7 | 0.22 | 200.076 | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -31.71 | 38.3 | -23.6 | 45.0 | 44.3 | 0.67 | 66.692 | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | -31.71 | 38.3 | -23.6 | 45.0 | 43.8 | 1.12 | 40.015 | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | -31.71 | 38.3 | -23.6 | 45.0 | 43.4 | 1.57 | 28.582 | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | -31.71 | 38.3 | -23.6 | 45.0 | 42.9 | 2.02 | 22.231 | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | -31.71 | 38.3 | -23.6 | 45.0 | 42.5 | 2.47 | 18.189 | CC, ES |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.4 | 1.5 | 163.99 | 38.3 | -23.6 | 46.6 | 43.7 | 2.90 | 16.106 | |
| 800.0 | 799.8 | 799.8 | 799.8 | 1.6 | 1.7 | 165.57 | 38.3 | -23.6 | 51.7 | 48.4 | 3.30 | 15.650 | |
| 900.0 | 899.5 | 899.5 | 899.5 | 1.8 | 1.9 | 167.60 | 38.3 | -23.6 | 60.2 | 56.5 | 3.72 | 16.181 | |
| 1,000.0 | 998.7 | 998.7 | 998.7 | 2.1 | 2.1 | 169.63 | 38.3 | -23.6 | 72.1 | 68.0 | 4.14 | 17.420 | |
| 1,100.0 | 1,097.5 | 1,097.5 | 1,097.5 | 2.4 | 2.4 | 171.43 | 38.3 | -23.6 | 87.6 | 83.0 | 4.57 | 19.180 | |
| 1,200.0 | 1,195.6 | 1,195.6 | 1,195.6 | 2.7 | 2.6 | 172.91 | 38.3 | -23.6 | 106.5 | 101.5 | 4.99 | 21.325 | |
| 1,300.0 | 1,293.2 | 1,297.2 | 1,297.2 | 3.1 | 2.8 | 174.45 | 37.1 | -22.5 | 126.6 | 121.2 | 5.41 | 23.379 | |
| 1,400.0 | 1,390.8 | 1,400.0 | 1,399.8 | 3.5 | 3.0 | 176.21 | 33.3 | -18.7 | 143.8 | 137.9 | 5.83 | 24.668 | |
| 1,500.0 | 1,488.4 | 1,503.7 | 1,503.2 | 3.9 | 3.2 | 178.23 | 26.9 | -12.3 | 157.9 | 151.6 | 6.26 | 25.219 | |
| 1,600.0 | 1,586.0 | 1,608.0 | 1,606.7 | 4.3 | 3.4 | -179.45 | 17.8 | -3.1 | 169.0 | 162.3 | 6.72 | 25.173 | |
| 1,700.0 | 1,683.6 | 1,707.3 | 1,705.0 | 4.8 | 3.7 | -177.22 | 7.8 | 6.8 | 178.9 | 171.7 | 7.18 | 24.905 | |
| 1,800.0 | 1,781.2 | 1,806.6 | 1,803.2 | 5.2 | 3.9 | -175.23 | -2.1 | 16.8 | 189.0 | 181.4 | 7.67 | 24.635 | |
| 1,900.0 | 1,878.8 | 1,905.9 | 1,901.5 | 5.7 | 4.2 | -173.44 | -12.0 | 26.7 | 199.4 | 191.2 | 8.18 | 24.371 | |
| 2,000.0 | 1,976.3 | 2,005.2 | 1,999.8 | 6.2 | 4.5 | -171.83 | -22.0 | 36.6 | 209.9 | 201.2 | 8.70 | 24.112 | |
| 2,100.0 | 2,073.9 | 2,104.5 | 2,098.1 | 6.6 | 4.8 | -170.37 | -31.9 | 46.6 | 220.5 | 211.3 | 9.24 | 23.861 | |
| 2,200.0 | 2,171.5 | 2,203.7 | 2,196.4 | 7.1 | 5.1 | -169.05 | -41.8 | 56.5 | 231.3 | 221.5 | 9.79 | 23.617 | |
| 2,300.0 | 2,269.1 | 2,303.0 | 2,294.7 | 7.5 | 5.4 | -167.85 | -51.8 | 66.5 | 242.2 | 231.8 | 10.36 | 23.382 | |
| 2,400.0 | 2,366.7 | 2,402.3 | 2,392.9 | 8.0 | 5.7 | -166.74 | -61.7 | 76.4 | 253.2 | 242.2 | 10.93 | 23.156 | |
| 2,500.0 | 2,464.3 | 2,501.6 | 2,491.2 | 8.5 | 6.0 | -165.74 | -71.6 | 86.3 | 264.2 | 252.7 | 11.52 | 22.941 | |
| 2,600.0 | 2,561.9 | 2,600.9 | 2,589.5 | 9.0 | 6.3 | -164.81 | -81.6 | 96.3 | 275.4 | 263.3 | 12.11 | 22.735 | |
| 2,700.0 | 2,659.4 | 2,700.2 | 2,687.8 | 9.4 | 6.7 | -163.95 | -91.5 | 106.2 | 286.6 | 273.9 | 12.71 | 22.540 | |
| 2,800.0 | 2,757.0 | 2,799.4 | 2,786.1 | 9.9 | 7.0 | -163.16 | -101.4 | 116.2 | 297.8 | 284.5 | 13.32 | 22.355 | |
| 2,900.0 | 2,854.6 | 2,898.7 | 2,884.3 | 10.4 | 7.3 | -162.43 | -111.3 | 126.1 | 309.2 | 295.2 | 13.94 | 22.180 | |
| 3,000.0 | 2,952.2 | 2,998.0 | 2,982.6 | 10.8 | 7.7 | -161.75 | -121.3 | 136.0 | 320.5 | 306.0 | 14.56 | 22.014 | |
| 3,100.0 | 3,049.8 | 3,097.3 | 3,080.9 | 11.3 | 8.0 | -161.11 | -131.2 | 146.0 | 331.9 | 316.7 | 15.19 | 21.857 | |
| 3,200.0 | 3,147.4 | 3,196.6 | 3,179.2 | 11.8 | 8.3 | -160.52 | -141.1 | 155.9 | 343.4 | 327.6 | 15.82 | 21.708 | |
| 3,300.0 | 3,245.0 | 3,295.8 | 3,277.5 | 12.3 | 8.7 | -159.96 | -151.1 | 165.8 | 354.9 | 338.4 | 16.45 | 21.567 | |
| 3,400.0 | 3,342.5 | 3,395.1 | 3,375.8 | 12.7 | 9.0 | -159.44 | -161.0 | 175.8 | 366.4 | 349.3 | 17.09 | 21.434 | |
| 3,500.0 | 3,440.1 | 3,494.4 | 3,474.0 | 13.2 | 9.3 | -158.96 | -170.9 | 185.7 | 377.9 | 360.2 | 17.74 | 21.308 | |
| 3,600.0 | 3,537.7 | 3,593.7 | 3,572.3 | 13.7 | 9.7 | -158.50 | -180.9 | 195.7 | 389.5 | 371.1 | 18.38 | 21.188 | |
| 3,700.0 | 3,635.3 | 3,693.0 | 3,670.6 | 14.2 | 10.0 | -158.06 | -190.8 | 205.6 | 401.1 | 382.0 | 19.03 | 21.074 | |
| 3,800.0 | 3,732.9 | 3,792.3 | 3,768.9 | 14.6 | 10.4 | -157.66 | -200.7 | 215.5 | 412.7 | 393.0 | 19.68 | 20.967 | |
| 3,900.0 | 3,830.5 | 3,891.5 | 3,867.2 | 15.1 | 10.7 | -157.27 | -210.7 | 225.5 | 424.3 | 404.0 | 20.34 | 20.864 | |
| 4,000.0 | 3,928.0 | 3,990.8 | 3,965.5 | 15.6 | 11.1 | -156.90 | -220.6 | 235.4 | 435.9 | 414.9 | 20.99 | 20.767 | |
| 4,100.0 | 4,025.6 | 4,090.1 | 4,063.7 | 16.1 | 11.4 | -156.56 | -230.5 | 245.4 | 447.6 | 425.9 | 21.65 | 20.674 | |
| 4,200.0 | 4,123.2 | 4,189.4 | 4,162.0 | 16.5 | 11.7 | -156.23 | -240.4 | 255.3 | 459.3 | 437.0 | 22.31 | 20.586 | |
| 4,300.0 | 4,220.8 | 4,288.7 | 4,260.3 | 17.0 | 12.1 | -155.92 | -250.4 | 265.2 | 471.0 | 448.0 | 22.97 | 20.502 | |
| 4,400.0 | 4,318.4 | 4,387.9 | 4,358.6 | 17.5 | 12.4 | -155.62 | -260.3 | 275.2 | 482.7 | 459.0 | 23.63 | 20.422 | |
| 4,500.0 | 4,416.0 | 4,487.2 | 4,456.9 | 18.0 | 12.8 | -155.34 | -270.2 | 285.1 | 494.4 | 470.1 | 24.30 | 20.346 | |
| 4,600.0 | 4,513.6 | 4,586.5 | 4,555.2 | 18.5 | 13.1 | -155.07 | -280.2 | 295.1 | 506.1 | 481.1 | 24.97 | 20.273 | |
| 4,700.0 | 4,611.1 | 4,685.8 | 4,653.4 | 18.9 | 13.5 | -154.81 | -290.1 | 305.0 | 517.9 | 492.2 | 25.63 | 20.203 | |
| 4,800.0 | 4,708.7 | 4,785.1 | 4,751.7 | 19.4 | 13.8 | -154.56 | -300.0 | 314.9 | 529.6 | 503.3 | 26.30 | 20.136 | |
| 4,900.0 | 4,806.3 | 4,878.9 | 4,844.7 | 19.9 | 14.1 | -154.38 | -309.1 | 324.0 | 541.6 | 514.7 | 26.92 | 20.118 | |
| 5,000.0 | 4,903.9 | 4,968.2 | 4,933.4 | 20.4 | 14.3 | -154.43 | -316.0 | 330.9 | 555.3 | 527.8 | 27.44 | 20.235 | |
| 5,100.0 | 5,001.5 | 5,057.0 | 5,021.9 | 20.8 | 14.5 | -154.70 | -320.8 | 335.7 | 570.7 | 542.8 | 27.89 | 20.460 | |

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

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser C-10HN - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,200.0 | 5,099.1 | 5,145.0 | 5,109.9 | 21.3 | 14.7 | -155.19 | -323.7 | 338.7 | 587.9 | 559.6 | 28.29 | 20.784 | |
| 5,300.0 | 5,196.7 | 5,232.2 | 5,197.0 | 21.8 | 14.8 | -155.85 | -324.7 | 339.7 | 606.9 | 578.3 | 28.63 | 21.198 | |
| 5,400.0 | 5,294.2 | 5,329.4 | 5,294.2 | 22.3 | 15.0 | -156.66 | -324.7 | 339.7 | 627.0 | 598.0 | 28.96 | 21.653 | |
| 5,500.0 | 5,391.8 | 5,427.0 | 5,391.8 | 22.8 | 15.1 | -157.42 | -324.7 | 339.7 | 647.2 | 617.9 | 29.29 | 22.098 | |
| 5,600.0 | 5,489.4 | 5,524.6 | 5,489.4 | 23.2 | 15.3 | -158.14 | -324.7 | 339.7 | 667.5 | 637.8 | 29.63 | 22.530 | |
| 5,700.0 | 5,587.0 | 5,622.2 | 5,587.0 | 23.7 | 15.4 | -158.81 | -324.7 | 339.7 | 687.8 | 657.9 | 29.97 | 22.950 | |
| 5,800.0 | 5,684.6 | 5,719.7 | 5,684.6 | 24.2 | 15.6 | -159.45 | -324.7 | 339.7 | 708.3 | 678.0 | 30.32 | 23.358 | |
| 5,900.0 | 5,782.2 | 5,817.3 | 5,782.2 | 24.7 | 15.7 | -160.05 | -324.7 | 339.7 | 728.9 | 698.2 | 30.68 | 23.753 | |
| 6,000.0 | 5,879.8 | 5,914.9 | 5,879.8 | 25.1 | 15.9 | -160.62 | -324.7 | 339.7 | 749.5 | 718.4 | 31.05 | 24.138 | |
| 6,100.0 | 5,977.3 | 6,012.5 | 5,977.3 | 25.6 | 16.0 | -161.16 | -324.7 | 339.7 | 770.2 | 738.8 | 31.42 | 24.511 | |
| 6,200.0 | 6,074.9 | 6,110.1 | 6,074.9 | 26.1 | 16.2 | -161.67 | -324.7 | 339.7 | 790.9 | 759.1 | 31.80 | 24.872 | |
| 6,300.0 | 6,172.5 | 6,207.7 | 6,172.5 | 26.6 | 16.4 | -162.15 | -324.7 | 339.7 | 811.7 | 779.6 | 32.18 | 25.224 | |
| 6,400.0 | 6,270.1 | 6,305.3 | 6,270.1 | 27.1 | 16.5 | -162.61 | -324.7 | 339.7 | 832.6 | 800.0 | 32.57 | 25.565 | |
| 6,500.0 | 6,367.7 | 6,402.8 | 6,367.7 | 27.5 | 16.7 | -163.05 | -324.7 | 339.7 | 853.5 | 820.6 | 32.96 | 25.895 | |
| 6,600.0 | 6,465.3 | 6,500.4 | 6,465.3 | 28.0 | 16.8 | -163.46 | -324.7 | 339.7 | 874.5 | 841.1 | 33.36 | 26.216 | |
| 6,700.0 | 6,562.9 | 6,598.6 | 6,563.4 | 28.5 | 17.0 | -172.64 | -324.7 | 337.8 | 895.5 | 861.8 | 33.65 | 26.611 | |
| 6,800.0 | 6,660.3 | 6,696.0 | 6,659.1 | 28.8 | 17.1 | 139.04 | -324.7 | 320.5 | 916.0 | 882.5 | 33.47 | 27.367 | |
| 6,900.0 | 6,754.8 | 6,791.9 | 6,748.6 | 29.1 | 17.0 | 114.70 | -324.6 | 286.3 | 935.3 | 902.0 | 33.32 | 28.069 | |
| 7,000.0 | 6,842.9 | 6,886.7 | 6,829.4 | 29.2 | 17.0 | 102.92 | -324.4 | 237.0 | 952.6 | 919.4 | 33.27 | 28.630 | |
| 7,100.0 | 6,921.3 | 6,980.6 | 6,899.4 | 29.3 | 16.9 | 96.12 | -324.2 | 174.6 | 967.3 | 933.9 | 33.41 | 28.954 | |
| 7,200.0 | 6,987.1 | 7,073.8 | 6,956.6 | 29.4 | 16.9 | 91.84 | -323.9 | 101.2 | 978.8 | 944.9 | 33.85 | 28.910 | |
| 7,300.0 | 7,038.0 | 7,166.4 | 6,999.7 | 29.4 | 17.0 | 89.14 | -323.6 | 19.3 | 986.6 | 951.8 | 34.77 | 28.375 | |
| 7,400.0 | 7,072.0 | 7,258.6 | 7,027.4 | 29.4 | 17.4 | 87.62 | -323.3 | -68.4 | 990.5 | 954.2 | 36.26 | 27.318 | |
| 7,500.0 | 7,091.0 | 7,356.4 | 7,044.9 | 29.5 | 18.5 | 87.29 | -323.0 | -164.6 | 990.9 | 952.4 | 38.46 | 25.762 | |
| 7,505.7 | 7,092.0 | 7,362.0 | 7,045.9 | 29.5 | 18.6 | 87.29 | -323.0 | -170.2 | 990.9 | 952.3 | 38.62 | 25.657 | |
| 7,600.0 | 7,105.8 | 7,452.5 | 7,057.6 | 29.6 | 20.0 | 87.20 | -322.7 | -259.9 | 990.9 | 949.7 | 41.27 | 24.012 | |
| 7,700.0 | 7,112.1 | 7,548.4 | 7,062.3 | 29.9 | 21.6 | 87.12 | -322.3 | -355.7 | 991.0 | 946.5 | 44.48 | 22.280 | |
| 7,800.0 | 7,111.8 | 7,647.8 | 7,061.9 | 30.5 | 23.6 | 87.11 | -322.0 | -455.0 | 991.0 | 942.8 | 48.20 | 20.561 | |
| 7,900.0 | 7,110.9 | 7,747.8 | 7,061.3 | 31.4 | 25.7 | 87.13 | -321.6 | -555.0 | 991.0 | 938.8 | 52.26 | 18.964 | |
| 8,000.0 | 7,110.1 | 7,847.8 | 7,060.8 | 32.7 | 27.9 | 87.15 | -321.3 | -655.0 | 991.0 | 934.4 | 56.58 | 17.514 | |
| 8,100.0 | 7,109.3 | 7,947.8 | 7,060.3 | 34.3 | 30.3 | 87.16 | -320.9 | -755.0 | 991.0 | 929.9 | 61.12 | 16.214 | |
| 8,200.0 | 7,108.5 | 8,047.8 | 7,059.8 | 36.2 | 32.7 | 87.18 | -320.6 | -855.0 | 991.0 | 925.2 | 65.82 | 15.056 | |
| 8,300.0 | 7,107.7 | 8,147.8 | 7,059.2 | 38.3 | 35.1 | 87.20 | -320.3 | -955.0 | 991.0 | 920.4 | 70.66 | 14.025 | |
| 8,400.0 | 7,106.8 | 8,247.8 | 7,058.7 | 40.5 | 37.6 | 87.22 | -319.9 | -1,055.0 | 991.0 | 915.4 | 75.61 | 13.108 | |
| 8,500.0 | 7,106.0 | 8,347.8 | 7,058.2 | 42.9 | 40.2 | 87.23 | -319.6 | -1,155.0 | 991.0 | 910.4 | 80.64 | 12.289 | |
| 8,600.0 | 7,105.2 | 8,447.8 | 7,057.7 | 45.2 | 42.8 | 87.25 | -319.2 | -1,255.0 | 991.0 | 905.3 | 85.75 | 11.558 | |
| 8,700.0 | 7,104.4 | 8,547.8 | 7,057.1 | 47.7 | 45.4 | 87.27 | -318.9 | -1,355.0 | 991.0 | 900.1 | 90.91 | 10.901 | |
| 8,800.0 | 7,103.6 | 8,647.8 | 7,056.6 | 50.2 | 48.0 | 87.28 | -318.5 | -1,455.0 | 991.0 | 894.9 | 96.13 | 10.309 | |
| 8,900.0 | 7,102.7 | 8,747.8 | 7,056.1 | 52.7 | 50.6 | 87.30 | -318.2 | -1,555.0 | 991.0 | 889.6 | 101.39 | 9.774 | |
| 9,000.0 | 7,101.9 | 8,847.8 | 7,055.6 | 55.2 | 53.3 | 87.32 | -317.8 | -1,655.0 | 991.0 | 884.3 | 106.69 | 9.289 | |
| 9,100.0 | 7,101.1 | 8,947.8 | 7,055.0 | 57.8 | 56.0 | 87.34 | -317.5 | -1,755.0 | 991.0 | 879.0 | 112.01 | 8.847 | |
| 9,200.0 | 7,100.3 | 9,047.8 | 7,054.5 | 60.4 | 58.7 | 87.35 | -317.1 | -1,855.0 | 991.0 | 873.6 | 117.37 | 8.443 | |
| 9,300.0 | 7,099.5 | 9,147.8 | 7,054.0 | 63.0 | 61.4 | 87.37 | -316.8 | -1,955.0 | 991.0 | 868.2 | 122.75 | 8.073 | |
| 9,400.0 | 7,098.6 | 9,247.8 | 7,053.5 | 65.7 | 64.1 | 87.39 | -316.4 | -2,055.0 | 991.0 | 862.8 | 128.15 | 7.733 | |
| 9,500.0 | 7,097.8 | 9,347.8 | 7,053.0 | 68.3 | 66.8 | 87.41 | -316.1 | -2,155.0 | 991.0 | 857.4 | 133.57 | 7.420 | |
| 9,600.0 | 7,097.0 | 9,447.8 | 7,052.4 | 71.0 | 69.6 | 87.42 | -315.7 | -2,255.0 | 991.0 | 852.0 | 139.00 | 7.129 | |
| 9,700.0 | 7,096.2 | 9,547.8 | 7,051.9 | 73.6 | 72.3 | 87.44 | -315.4 | -2,355.0 | 991.0 | 846.5 | 144.45 | 6.861 | |
| 9,800.0 | 7,095.4 | 9,647.8 | 7,051.4 | 76.3 | 75.0 | 87.46 | -315.0 | -2,455.0 | 991.0 | 841.1 | 149.91 | 6.611 | |
| 9,900.0 | 7,094.5 | 9,747.8 | 7,050.9 | 79.0 | 77.8 | 87.47 | -314.7 | -2,555.0 | 991.0 | 835.6 | 155.38 | 6.378 | |
| 10,000.0 | 7,093.7 | 9,847.8 | 7,050.3 | 81.7 | 80.5 | 87.49 | -314.4 | -2,655.0 | 991.0 | 830.1 | 160.86 | 6.160 | |
| 10,100.0 | 7,092.9 | 9,947.8 | 7,049.8 | 84.4 | 83.3 | 87.51 | -314.0 | -2,755.0 | 991.0 | 824.6 | 166.35 | 5.957 | |
| 10,200.0 | 7,092.1 | 10,047.8 | 7,049.3 | 87.1 | 86.0 | 87.53 | -313.7 | -2,855.0 | 991.0 | 819.1 | 171.85 | 5.766 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser C-10HN - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10,300.0 | 7,091.3 | 10,147.8 | 7,048.8 | 89.9 | 88.8 | 87.54 | -313.3 | -2,955.0 | 991.0 | 813.6 | 177.36 | 5.587 | |
| 10,400.0 | 7,090.4 | 10,247.8 | 7,048.2 | 92.6 | 91.5 | 87.56 | -313.0 | -3,055.0 | 991.0 | 808.1 | 182.88 | 5.419 | |
| 10,500.0 | 7,089.6 | 10,347.8 | 7,047.7 | 95.3 | 94.3 | 87.58 | -312.6 | -3,155.0 | 991.0 | 802.6 | 188.40 | 5.260 | |
| 10,600.0 | 7,088.8 | 10,447.8 | 7,047.2 | 98.0 | 97.1 | 87.59 | -312.3 | -3,255.0 | 991.0 | 797.1 | 193.92 | 5.110 | |
| 10,700.0 | 7,088.0 | 10,547.8 | 7,046.7 | 100.8 | 99.9 | 87.61 | -311.9 | -3,355.0 | 991.0 | 791.5 | 199.46 | 4.968 | |
| 10,800.0 | 7,087.2 | 10,647.8 | 7,046.1 | 103.5 | 102.6 | 87.63 | -311.6 | -3,455.0 | 991.0 | 786.0 | 204.99 | 4.834 | |
| 10,900.0 | 7,086.3 | 10,747.8 | 7,045.6 | 106.3 | 105.4 | 87.65 | -311.2 | -3,555.0 | 991.0 | 780.5 | 210.53 | 4.707 | |
| 11,000.0 | 7,085.5 | 10,847.8 | 7,045.1 | 109.0 | 108.2 | 87.66 | -310.9 | -3,655.0 | 991.0 | 774.9 | 216.08 | 4.586 | |
| 11,025.0 | 7,085.3 | 10,872.8 | 7,045.0 | 109.7 | 108.9 | 87.67 | -310.8 | -3,680.0 | 991.0 | 773.5 | 217.47 | 4.557 | |
| 11,100.0 | 7,084.7 | 10,947.8 | 7,044.6 | 111.8 | 111.0 | 87.68 | -310.5 | -3,755.0 | 991.0 | 769.4 | 221.63 | 4.471 | |
| 11,200.0 | 7,083.9 | 11,047.8 | 7,044.1 | 114.5 | 113.7 | 87.70 | -310.2 | -3,855.0 | 991.0 | 763.8 | 227.18 | 4.362 | |
| 11,300.0 | 7,083.1 | 11,147.8 | 7,043.5 | 117.3 | 116.5 | 87.71 | -309.8 | -3,955.0 | 991.0 | 758.2 | 232.74 | 4.258 | |
| 11,400.0 | 7,082.2 | 11,247.8 | 7,043.0 | 120.0 | 119.3 | 87.73 | -309.5 | -4,055.0 | 991.0 | 752.7 | 238.30 | 4.159 | |
| 11,500.0 | 7,081.4 | 11,347.8 | 7,042.5 | 122.8 | 122.1 | 87.75 | -309.2 | -4,155.0 | 991.0 | 747.1 | 243.86 | 4.064 | |
| 11,600.0 | 7,080.6 | 11,447.8 | 7,042.0 | 125.6 | 124.9 | 87.77 | -308.8 | -4,255.0 | 991.0 | 741.6 | 249.43 | 3.973 | |
| 11,700.0 | 7,079.8 | 11,547.8 | 7,041.4 | 128.3 | 127.7 | 87.78 | -308.5 | -4,355.0 | 991.0 | 736.0 | 254.99 | 3.886 | |
| 11,753.1 | 7,079.3 | 11,600.9 | 7,041.2 | 129.8 | 129.1 | 87.79 | -308.3 | -4,408.1 | 991.0 | 733.0 | 257.95 | 3.842 | |
| 11,794.3 | 7,079.0 | 11,631.0 | 7,041.0 | 130.9 | 130.0 | 87.80 | -308.2 | -4,438.2 | 991.0 | 731.1 | 259.94 | 3.813 | SF |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser D-10HN - Wellbore #1 - Plan #1 (4-14-14) — **Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD — **Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -31.41 | 25.5 | -15.6 | 29.9 | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | -31.41 | 25.5 | -15.6 | 29.9 | 29.7 | 0.22 | 132.958 | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -31.41 | 25.5 | -15.6 | 29.9 | 29.2 | 0.67 | 44.319 | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | -31.41 | 25.5 | -15.6 | 29.9 | 28.8 | 1.12 | 26.592 | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | -31.41 | 25.5 | -15.6 | 29.9 | 28.3 | 1.57 | 18.994 | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | -31.41 | 25.5 | -15.6 | 29.9 | 27.9 | 2.02 | 14.773 | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | -31.41 | 25.5 | -15.6 | 29.9 | 27.4 | 2.47 | 12.087 | CC, ES |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.4 | 1.5 | 164.57 | 25.5 | -15.6 | 31.6 | 28.7 | 2.90 | 10.898 | |
| 800.0 | 799.8 | 799.8 | 799.8 | 1.6 | 1.7 | 166.73 | 25.5 | -15.6 | 36.6 | 33.3 | 3.30 | 11.090 | |
| 900.0 | 899.5 | 899.5 | 899.5 | 1.8 | 1.9 | 169.23 | 25.5 | -15.6 | 45.2 | 41.4 | 3.72 | 12.144 | |
| 1,000.0 | 998.7 | 998.7 | 998.7 | 2.1 | 2.1 | 171.48 | 25.5 | -15.6 | 57.2 | 53.0 | 4.14 | 13.812 | |
| 1,100.0 | 1,097.5 | 1,100.0 | 1,099.9 | 2.4 | 2.3 | 173.45 | 24.0 | -14.8 | 71.0 | 66.5 | 4.54 | 15.644 | |
| 1,200.0 | 1,195.6 | 1,201.7 | 1,201.5 | 2.7 | 2.5 | 175.29 | 19.2 | -12.3 | 84.8 | 79.9 | 4.92 | 17.254 | |
| 1,300.0 | 1,293.2 | 1,304.0 | 1,303.5 | 3.1 | 2.7 | 177.06 | 11.2 | -8.2 | 97.9 | 92.5 | 5.32 | 18.384 | |
| 1,400.0 | 1,390.8 | 1,407.2 | 1,405.8 | 3.5 | 2.9 | 178.78 | -0.2 | -2.3 | 107.6 | 101.9 | 5.76 | 18.694 | |
| 1,500.0 | 1,488.4 | 1,509.7 | 1,507.0 | 3.9 | 3.2 | -179.43 | -14.5 | 5.1 | 114.1 | 107.9 | 6.21 | 18.375 | |
| 1,600.0 | 1,586.0 | 1,609.5 | 1,605.4 | 4.3 | 3.5 | -177.78 | -29.4 | 12.7 | 119.8 | 113.1 | 6.68 | 17.941 | |
| 1,700.0 | 1,683.6 | 1,709.2 | 1,703.8 | 4.8 | 3.8 | -176.27 | -44.2 | 20.4 | 125.6 | 118.5 | 7.16 | 17.540 | |
| 1,800.0 | 1,781.2 | 1,809.0 | 1,802.2 | 5.2 | 4.1 | -174.89 | -59.0 | 28.0 | 131.5 | 123.8 | 7.66 | 17.169 | |
| 1,900.0 | 1,878.8 | 1,908.8 | 1,900.5 | 5.7 | 4.5 | -173.64 | -73.8 | 35.6 | 137.4 | 129.3 | 8.16 | 16.831 | |
| 2,000.0 | 1,976.3 | 2,008.6 | 1,998.9 | 6.2 | 4.8 | -172.49 | -88.6 | 43.3 | 143.4 | 134.7 | 8.68 | 16.513 | |
| 2,100.0 | 2,073.9 | 2,108.4 | 2,097.3 | 6.6 | 5.1 | -171.43 | -103.4 | 50.9 | 149.5 | 140.2 | 9.22 | 16.219 | |
| 2,200.0 | 2,171.5 | 2,208.1 | 2,195.7 | 7.1 | 5.5 | -170.45 | -118.2 | 58.6 | 155.6 | 145.8 | 9.76 | 15.946 | |
| 2,300.0 | 2,269.1 | 2,307.9 | 2,294.0 | 7.5 | 5.9 | -169.55 | -133.0 | 66.2 | 161.7 | 151.4 | 10.30 | 15.691 | |
| 2,400.0 | 2,366.7 | 2,407.7 | 2,392.4 | 8.0 | 6.2 | -168.72 | -147.8 | 73.8 | 167.9 | 157.0 | 10.86 | 15.454 | |
| 2,500.0 | 2,464.3 | 2,507.5 | 2,490.8 | 8.5 | 6.6 | -167.94 | -162.6 | 81.5 | 174.1 | 162.7 | 11.43 | 15.233 | |
| 2,600.0 | 2,561.9 | 2,607.3 | 2,589.2 | 9.0 | 7.0 | -167.22 | -177.4 | 89.1 | 180.3 | 168.3 | 12.00 | 15.027 | |
| 2,700.0 | 2,659.4 | 2,707.0 | 2,687.6 | 9.4 | 7.3 | -166.54 | -192.2 | 96.8 | 186.6 | 174.0 | 12.58 | 14.833 | |
| 2,800.0 | 2,757.0 | 2,806.8 | 2,785.9 | 9.9 | 7.7 | -165.91 | -207.0 | 104.4 | 192.9 | 179.7 | 13.16 | 14.652 | |
| 2,900.0 | 2,854.6 | 2,906.6 | 2,884.3 | 10.4 | 8.1 | -165.32 | -221.8 | 112.0 | 199.2 | 185.4 | 13.75 | 14.483 | |
| 3,000.0 | 2,952.2 | 3,006.4 | 2,982.7 | 10.8 | 8.5 | -164.77 | -236.6 | 119.7 | 205.5 | 191.2 | 14.35 | 14.324 | |
| 3,100.0 | 3,049.8 | 3,106.2 | 3,081.1 | 11.3 | 8.9 | -164.24 | -251.4 | 127.3 | 211.9 | 196.9 | 14.95 | 14.174 | |
| 3,200.0 | 3,147.4 | 3,205.9 | 3,179.5 | 11.8 | 9.2 | -163.75 | -266.3 | 134.9 | 218.2 | 202.7 | 15.55 | 14.033 | |
| 3,300.0 | 3,245.0 | 3,305.7 | 3,277.8 | 12.3 | 9.6 | -163.29 | -281.1 | 142.6 | 224.6 | 208.5 | 16.16 | 13.901 | |
| 3,400.0 | 3,342.5 | 3,405.5 | 3,376.2 | 12.7 | 10.0 | -162.85 | -295.9 | 150.2 | 231.0 | 214.2 | 16.77 | 13.775 | |
| 3,500.0 | 3,440.1 | 3,505.3 | 3,474.6 | 13.2 | 10.4 | -162.44 | -310.7 | 157.9 | 237.4 | 220.0 | 17.38 | 13.657 | |
| 3,600.0 | 3,537.7 | 3,605.1 | 3,573.0 | 13.7 | 10.8 | -162.05 | -325.5 | 165.5 | 243.8 | 225.8 | 18.00 | 13.546 | |
| 3,700.0 | 3,635.3 | 3,704.8 | 3,671.4 | 14.2 | 11.2 | -161.67 | -340.3 | 173.1 | 250.3 | 231.6 | 18.62 | 13.440 | |
| 3,800.0 | 3,732.9 | 3,804.6 | 3,769.7 | 14.6 | 11.6 | -161.32 | -355.1 | 180.8 | 256.7 | 237.5 | 19.24 | 13.340 | |
| 3,900.0 | 3,830.5 | 3,904.4 | 3,868.1 | 15.1 | 11.9 | -160.99 | -369.9 | 188.4 | 263.2 | 243.3 | 19.87 | 13.245 | |
| 4,000.0 | 3,928.0 | 4,004.2 | 3,966.5 | 15.6 | 12.3 | -160.67 | -384.7 | 196.0 | 269.6 | 249.1 | 20.50 | 13.154 | |
| 4,100.0 | 4,025.6 | 4,104.0 | 4,064.9 | 16.1 | 12.7 | -160.36 | -399.5 | 203.7 | 276.1 | 254.9 | 21.13 | 13.068 | |
| 4,200.0 | 4,123.2 | 4,203.7 | 4,163.3 | 16.5 | 13.1 | -160.07 | -414.3 | 211.3 | 282.5 | 260.8 | 21.76 | 12.987 | |
| 4,300.0 | 4,220.8 | 4,303.5 | 4,261.6 | 17.0 | 13.5 | -159.79 | -429.1 | 219.0 | 289.0 | 266.6 | 22.39 | 12.909 | |
| 4,400.0 | 4,318.4 | 4,403.3 | 4,360.0 | 17.5 | 13.9 | -159.53 | -443.9 | 226.6 | 295.5 | 272.5 | 23.02 | 12.835 | |
| 4,500.0 | 4,416.0 | 4,503.1 | 4,458.4 | 18.0 | 14.3 | -159.27 | -458.7 | 234.2 | 302.0 | 278.3 | 23.66 | 12.764 | |
| 4,600.0 | 4,513.6 | 4,602.9 | 4,556.8 | 18.5 | 14.7 | -159.03 | -473.5 | 241.9 | 308.5 | 284.2 | 24.30 | 12.696 | |
| 4,700.0 | 4,611.1 | 4,702.6 | 4,655.2 | 18.9 | 15.1 | -158.79 | -488.3 | 249.5 | 315.0 | 290.1 | 24.94 | 12.632 | |
| 4,800.0 | 4,708.7 | 4,802.4 | 4,753.5 | 19.4 | 15.4 | -158.57 | -503.2 | 257.2 | 321.5 | 295.9 | 25.58 | 12.570 | |
| 4,900.0 | 4,806.3 | 4,902.2 | 4,851.9 | 19.9 | 15.8 | -158.35 | -518.0 | 264.8 | 328.0 | 301.8 | 26.22 | 12.511 | |
| 5,000.0 | 4,903.9 | 5,002.0 | 4,950.3 | 20.4 | 16.2 | -158.15 | -532.8 | 272.4 | 334.5 | 307.7 | 26.86 | 12.454 | |
| 5,100.0 | 5,001.5 | 5,101.8 | 5,048.7 | 20.8 | 16.6 | -157.95 | -547.6 | 280.1 | 341.1 | 313.6 | 27.51 | 12.400 | |

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

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser D-10HN - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,200.0 | 5,099.1 | 5,201.5 | 5,147.1 | 21.3 | 17.0 | -157.76 | -562.4 | 287.7 | 347.6 | 319.4 | 28.15 | 12.347 | |
| 5,300.0 | 5,196.7 | 5,301.3 | 5,245.4 | 21.8 | 17.4 | -157.57 | -577.2 | 295.3 | 354.1 | 325.3 | 28.80 | 12.297 | |
| 5,400.0 | 5,294.2 | 5,401.1 | 5,343.8 | 22.3 | 17.8 | -157.40 | -592.0 | 303.0 | 360.7 | 331.2 | 29.44 | 12.249 | |
| 5,500.0 | 5,391.8 | 5,500.9 | 5,442.2 | 22.8 | 18.2 | -157.22 | -606.8 | 310.6 | 367.2 | 337.1 | 30.09 | 12.202 | |
| 5,600.0 | 5,489.4 | 5,598.8 | 5,538.8 | 23.2 | 18.6 | -157.07 | -621.3 | 318.1 | 373.8 | 343.0 | 30.73 | 12.164 | |
| 5,700.0 | 5,587.0 | 5,688.7 | 5,627.7 | 23.7 | 18.8 | -157.09 | -632.9 | 324.1 | 382.1 | 350.9 | 31.24 | 12.231 | |
| 5,800.0 | 5,684.6 | 5,778.2 | 5,716.6 | 24.2 | 19.0 | -157.35 | -642.0 | 328.8 | 393.0 | 361.3 | 31.68 | 12.404 | |
| 5,900.0 | 5,782.2 | 5,867.0 | 5,805.1 | 24.7 | 19.2 | -157.82 | -648.6 | 332.2 | 406.4 | 374.4 | 32.06 | 12.678 | |
| 6,000.0 | 5,879.8 | 5,955.0 | 5,892.9 | 25.1 | 19.3 | -158.46 | -652.7 | 334.3 | 422.4 | 390.1 | 32.37 | 13.049 | |
| 6,100.0 | 5,977.3 | 6,042.0 | 5,979.9 | 25.6 | 19.5 | -159.24 | -654.4 | 335.2 | 441.0 | 408.4 | 32.64 | 13.511 | |
| 6,200.0 | 6,074.9 | 6,137.0 | 6,074.9 | 26.1 | 19.6 | -160.17 | -654.5 | 335.2 | 461.5 | 428.6 | 32.89 | 14.034 | |
| 6,300.0 | 6,172.5 | 6,234.6 | 6,172.5 | 26.6 | 19.7 | -161.05 | -654.5 | 335.2 | 482.2 | 449.0 | 33.14 | 14.549 | |
| 6,400.0 | 6,270.1 | 6,332.2 | 6,270.1 | 27.1 | 19.8 | -161.86 | -654.5 | 335.2 | 502.9 | 469.5 | 33.41 | 15.052 | |
| 6,500.0 | 6,367.7 | 6,429.8 | 6,367.7 | 27.5 | 20.0 | -162.60 | -654.5 | 335.2 | 523.8 | 490.1 | 33.70 | 15.540 | |
| 6,600.0 | 6,465.3 | 6,527.3 | 6,465.3 | 28.0 | 20.1 | -163.29 | -654.5 | 335.2 | 544.7 | 510.7 | 34.01 | 16.016 | |
| 6,700.0 | 6,562.9 | 6,625.0 | 6,562.9 | 28.5 | 20.2 | -172.56 | -654.5 | 335.2 | 565.7 | 531.4 | 34.25 | 16.518 | |
| 6,800.0 | 6,660.3 | 6,723.3 | 6,660.6 | 28.8 | 20.3 | 139.46 | -654.5 | 325.0 | 586.2 | 552.2 | 34.06 | 17.213 | |
| 6,900.0 | 6,754.8 | 6,821.4 | 6,754.4 | 29.1 | 20.3 | 115.47 | -654.4 | 296.8 | 605.4 | 571.6 | 33.88 | 17.868 | |
| 7,000.0 | 6,842.9 | 6,919.5 | 6,841.2 | 29.2 | 20.3 | 104.00 | -654.2 | 251.5 | 622.6 | 588.8 | 33.79 | 18.423 | |
| 7,100.0 | 6,921.3 | 7,017.7 | 6,918.1 | 29.3 | 20.2 | 97.50 | -654.0 | 190.6 | 637.1 | 603.2 | 33.88 | 18.806 | |
| 7,200.0 | 6,987.1 | 7,116.1 | 6,982.4 | 29.4 | 20.1 | 93.45 | -653.7 | 116.3 | 648.3 | 614.1 | 34.27 | 18.917 | |
| 7,300.0 | 7,038.0 | 7,214.6 | 7,031.6 | 29.4 | 20.0 | 90.93 | -653.5 | 31.1 | 656.0 | 620.8 | 35.15 | 18.660 | |
| 7,400.0 | 7,072.0 | 7,313.1 | 7,063.9 | 29.4 | 19.8 | 89.53 | -653.1 | -61.7 | 659.7 | 623.0 | 36.65 | 18.002 | |
| 7,500.0 | 7,091.0 | 7,412.5 | 7,082.2 | 29.5 | 19.8 | 89.22 | -652.8 | -159.4 | 660.0 | 621.2 | 38.80 | 17.010 | |
| 7,588.2 | 7,103.7 | 7,500.0 | 7,094.8 | 29.6 | 20.2 | 89.22 | -652.5 | -246.0 | 660.0 | 618.8 | 41.24 | 16.005 | |
| 7,600.0 | 7,105.8 | 7,511.8 | 7,096.0 | 29.6 | 20.4 | 89.15 | -652.5 | -257.7 | 660.0 | 618.4 | 41.58 | 15.872 | |
| 7,700.0 | 7,112.1 | 7,610.9 | 7,101.3 | 29.9 | 22.1 | 89.06 | -652.1 | -356.6 | 660.0 | 615.2 | 44.84 | 14.719 | |
| 7,800.0 | 7,111.8 | 7,710.6 | 7,100.1 | 30.5 | 24.0 | 88.99 | -651.8 | -456.3 | 660.1 | 611.5 | 48.53 | 13.601 | |
| 7,900.0 | 7,110.9 | 7,810.6 | 7,098.7 | 31.4 | 26.1 | 88.93 | -651.5 | -556.3 | 660.1 | 607.5 | 52.56 | 12.558 | |
| 8,000.0 | 7,110.1 | 7,910.6 | 7,097.2 | 32.7 | 28.3 | 88.88 | -651.1 | -656.3 | 660.1 | 603.2 | 56.86 | 11.609 | |
| 8,100.0 | 7,109.3 | 8,010.6 | 7,095.7 | 34.3 | 30.6 | 88.82 | -650.8 | -756.3 | 660.1 | 598.7 | 61.38 | 10.755 | |
| 8,200.0 | 7,108.5 | 8,110.6 | 7,094.2 | 36.2 | 33.0 | 88.76 | -650.4 | -856.3 | 660.1 | 594.1 | 66.06 | 9.993 | |
| 8,300.0 | 7,107.7 | 8,210.6 | 7,092.7 | 38.3 | 35.4 | 88.70 | -650.1 | -956.3 | 660.2 | 589.3 | 70.87 | 9.314 | |
| 8,400.0 | 7,106.8 | 8,310.6 | 7,091.2 | 40.5 | 37.9 | 88.65 | -649.8 | -1,056.2 | 660.2 | 584.4 | 75.80 | 8.709 | |
| 8,500.0 | 7,106.0 | 8,410.6 | 7,089.8 | 42.9 | 40.5 | 88.59 | -649.4 | -1,156.2 | 660.2 | 579.4 | 80.82 | 8.169 | |
| 8,600.0 | 7,105.2 | 8,510.6 | 7,088.3 | 45.2 | 43.0 | 88.53 | -649.1 | -1,256.2 | 660.2 | 574.3 | 85.91 | 7.685 | |
| 8,700.0 | 7,104.4 | 8,610.6 | 7,086.8 | 47.7 | 45.6 | 88.47 | -648.7 | -1,356.2 | 660.2 | 569.2 | 91.06 | 7.251 | |
| 8,800.0 | 7,103.6 | 8,710.6 | 7,085.3 | 50.2 | 48.2 | 88.42 | -648.4 | -1,456.2 | 660.3 | 564.0 | 96.26 | 6.859 | |
| 8,900.0 | 7,102.7 | 8,810.6 | 7,083.8 | 52.7 | 50.9 | 88.36 | -648.1 | -1,556.2 | 660.3 | 558.8 | 101.51 | 6.505 | |
| 9,000.0 | 7,101.9 | 8,910.6 | 7,082.3 | 55.2 | 53.5 | 88.30 | -647.7 | -1,656.2 | 660.3 | 553.5 | 106.79 | 6.183 | |
| 9,100.0 | 7,101.1 | 9,010.5 | 7,080.9 | 57.8 | 56.2 | 88.24 | -647.4 | -1,756.1 | 660.3 | 548.2 | 112.10 | 5.890 | |
| 9,200.0 | 7,100.3 | 9,110.5 | 7,079.4 | 60.4 | 58.9 | 88.19 | -647.0 | -1,856.1 | 660.4 | 542.9 | 117.44 | 5.623 | |
| 9,300.0 | 7,099.5 | 9,210.5 | 7,077.9 | 63.0 | 61.6 | 88.13 | -646.7 | -1,956.1 | 660.4 | 537.6 | 122.81 | 5.377 | |
| 9,400.0 | 7,098.6 | 9,310.5 | 7,076.4 | 65.7 | 64.3 | 88.07 | -646.4 | -2,056.1 | 660.4 | 532.2 | 128.20 | 5.152 | |
| 9,500.0 | 7,097.8 | 9,410.5 | 7,074.9 | 68.3 | 67.0 | 88.01 | -646.0 | -2,156.1 | 660.4 | 526.8 | 133.60 | 4.943 | |
| 9,600.0 | 7,097.0 | 9,510.5 | 7,073.4 | 71.0 | 69.7 | 87.96 | -645.7 | -2,256.1 | 660.5 | 521.5 | 139.02 | 4.751 | |
| 9,700.0 | 7,096.2 | 9,610.5 | 7,072.0 | 73.6 | 72.4 | 87.90 | -645.3 | -2,356.1 | 660.5 | 516.0 | 144.45 | 4.572 | |
| 9,800.0 | 7,095.4 | 9,710.5 | 7,070.5 | 76.3 | 75.2 | 87.84 | -645.0 | -2,456.0 | 660.5 | 510.6 | 149.90 | 4.406 | |
| 9,900.0 | 7,094.5 | 9,810.5 | 7,069.0 | 79.0 | 77.9 | 87.78 | -644.7 | -2,556.0 | 660.6 | 505.2 | 155.36 | 4.252 | |
| 10,000.0 | 7,093.7 | 9,910.5 | 7,067.5 | 81.7 | 80.6 | 87.73 | -644.3 | -2,656.0 | 660.6 | 499.8 | 160.83 | 4.108 | |
| 10,100.0 | 7,092.9 | 10,010.5 | 7,066.0 | 84.4 | 83.4 | 87.67 | -644.0 | -2,756.0 | 660.6 | 494.3 | 166.30 | 3.972 | |
| 10,200.0 | 7,092.1 | 10,110.5 | 7,064.5 | 87.1 | 86.1 | 87.61 | -643.6 | -2,856.0 | 660.7 | 488.9 | 171.79 | 3.846 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser D-10HN - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10,300.0 | 7,091.3 | 10,210.5 | 7,063.1 | 89.9 | 88.9 | 87.55 | -643.3 | -2,956.0 | 660.7 | 483.4 | 177.28 | 3.727 | |
| 10,400.0 | 7,090.4 | 10,310.5 | 7,061.6 | 92.6 | 91.6 | 87.50 | -643.0 | -3,056.0 | 660.7 | 478.0 | 182.77 | 3.615 | |
| 10,500.0 | 7,089.6 | 10,410.5 | 7,060.1 | 95.3 | 94.4 | 87.44 | -642.6 | -3,155.9 | 660.8 | 472.5 | 188.28 | 3.509 | |
| 10,600.0 | 7,088.8 | 10,510.5 | 7,058.6 | 98.0 | 97.2 | 87.38 | -642.3 | -3,255.9 | 660.8 | 467.0 | 193.79 | 3.410 | |
| 10,700.0 | 7,088.0 | 10,610.5 | 7,057.1 | 100.8 | 99.9 | 87.32 | -641.9 | -3,355.9 | 660.8 | 461.5 | 199.30 | 3.316 | |
| 10,800.0 | 7,087.2 | 10,710.5 | 7,055.6 | 103.5 | 102.7 | 87.27 | -641.6 | -3,455.9 | 660.9 | 456.1 | 204.82 | 3.227 | |
| 10,900.0 | 7,086.3 | 10,810.5 | 7,054.2 | 106.3 | 105.5 | 87.21 | -641.3 | -3,555.9 | 660.9 | 450.6 | 210.34 | 3.142 | |
| 11,000.0 | 7,085.5 | 10,910.5 | 7,052.7 | 109.0 | 108.2 | 87.15 | -640.9 | -3,655.9 | 660.9 | 445.1 | 215.86 | 3.062 | |
| 11,100.0 | 7,084.7 | 11,010.5 | 7,051.2 | 111.8 | 111.0 | 87.09 | -640.6 | -3,755.9 | 661.0 | 439.6 | 221.39 | 2.986 | |
| 11,200.0 | 7,083.9 | 11,110.5 | 7,049.7 | 114.5 | 113.8 | 87.04 | -640.2 | -3,855.9 | 661.0 | 434.1 | 226.92 | 2.913 | |
| 11,300.0 | 7,083.1 | 11,210.5 | 7,048.2 | 117.3 | 116.6 | 86.98 | -639.9 | -3,955.8 | 661.1 | 428.6 | 232.46 | 2.844 | |
| 11,400.0 | 7,082.2 | 11,310.5 | 7,046.7 | 120.0 | 119.3 | 86.92 | -639.6 | -4,055.8 | 661.1 | 423.1 | 237.99 | 2.778 | |
| 11,500.0 | 7,081.4 | 11,410.5 | 7,045.3 | 122.8 | 122.1 | 86.87 | -639.2 | -4,155.8 | 661.1 | 417.6 | 243.53 | 2.715 | |
| 11,600.0 | 7,080.6 | 11,510.5 | 7,043.8 | 125.6 | 124.9 | 86.81 | -638.9 | -4,255.8 | 661.2 | 412.1 | 249.07 | 2.655 | |
| 11,700.0 | 7,079.8 | 11,610.5 | 7,042.3 | 128.3 | 127.7 | 86.75 | -638.5 | -4,355.8 | 661.2 | 406.6 | 254.61 | 2.597 | |
| 11,752.5 | 7,079.3 | 11,663.0 | 7,041.5 | 129.8 | 129.1 | 86.72 | -638.4 | -4,408.3 | 661.3 | 403.7 | 257.52 | 2.568 | |
| 11,794.3 | 7,079.0 | 11,697.7 | 7,041.0 | 130.9 | 130.1 | 86.70 | -638.2 | -4,443.0 | 661.3 | 401.7 | 259.64 | 2.547 SF | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser E-10HN - Wellbore #1 - Plan #1 (4-14-14) — **Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD — **Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -31.40 | 12.8 | -7.8 | 14.9 | 14.9 | 0.00 | N/A | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | -31.40 | 12.8 | -7.8 | 14.9 | 14.7 | 0.22 | 66.487 | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -31.40 | 12.8 | -7.8 | 14.9 | 14.3 | 0.67 | 22.162 | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | -31.40 | 12.8 | -7.8 | 14.9 | 13.8 | 1.12 | 13.297 | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | -31.40 | 12.8 | -7.8 | 14.9 | 13.4 | 1.57 | 9.498 | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | -31.40 | 12.8 | -7.8 | 14.9 | 12.9 | 2.02 | 7.387 | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | -31.40 | 12.8 | -7.8 | 14.9 | 12.5 | 2.47 | 6.044 | CC, ES |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.4 | 1.5 | 165.38 | 12.8 | -7.8 | 16.6 | 13.7 | 2.90 | 5.741 | |
| 800.0 | 799.8 | 799.8 | 799.8 | 1.6 | 1.7 | 168.84 | 12.8 | -7.8 | 21.7 | 18.4 | 3.30 | 6.578 | |
| 900.0 | 899.5 | 900.5 | 900.5 | 1.8 | 1.9 | 171.86 | 11.1 | -7.2 | 28.6 | 24.9 | 3.69 | 7.747 | |
| 1,000.0 | 998.7 | 1,001.4 | 1,001.2 | 2.1 | 2.1 | 174.22 | 6.1 | -5.3 | 35.4 | 31.4 | 4.06 | 8.728 | |
| 1,100.0 | 1,097.5 | 1,102.5 | 1,101.9 | 2.4 | 2.3 | 176.24 | -2.2 | -2.3 | 42.3 | 37.9 | 4.45 | 9.511 | |
| 1,200.0 | 1,195.6 | 1,203.9 | 1,202.5 | 2.7 | 2.5 | 178.07 | -13.9 | 2.0 | 49.2 | 44.3 | 4.85 | 10.137 | |
| 1,300.0 | 1,293.2 | 1,305.5 | 1,302.9 | 3.1 | 2.8 | 179.78 | -29.0 | 7.6 | 55.2 | 49.9 | 5.28 | 10.444 | |
| 1,400.0 | 1,390.8 | 1,405.4 | 1,401.2 | 3.5 | 3.1 | -178.69 | -45.5 | 13.7 | 59.6 | 53.9 | 5.74 | 10.385 | |
| 1,500.0 | 1,488.4 | 1,505.3 | 1,499.6 | 3.9 | 3.4 | -177.38 | -61.9 | 19.7 | 64.1 | 57.9 | 6.21 | 10.314 | |
| 1,600.0 | 1,586.0 | 1,605.2 | 1,597.9 | 4.3 | 3.8 | -176.23 | -78.4 | 25.8 | 68.6 | 61.9 | 6.70 | 10.240 | |
| 1,700.0 | 1,683.6 | 1,705.1 | 1,696.2 | 4.8 | 4.1 | -175.23 | -94.9 | 31.9 | 73.1 | 65.9 | 7.19 | 10.164 | |
| 1,800.0 | 1,781.2 | 1,805.0 | 1,794.6 | 5.2 | 4.5 | -174.34 | -111.4 | 38.0 | 77.6 | 69.9 | 7.70 | 10.089 | |
| 1,900.0 | 1,878.8 | 1,904.9 | 1,892.9 | 5.7 | 4.8 | -173.56 | -127.8 | 44.0 | 82.2 | 74.0 | 8.21 | 10.015 | |
| 2,000.0 | 1,976.3 | 2,004.8 | 1,991.3 | 6.2 | 5.2 | -172.85 | -144.3 | 50.1 | 86.8 | 78.0 | 8.73 | 9.943 | |
| 2,100.0 | 2,073.9 | 2,104.6 | 2,089.6 | 6.6 | 5.6 | -172.22 | -160.8 | 56.2 | 91.4 | 82.1 | 9.25 | 9.875 | |
| 2,200.0 | 2,171.5 | 2,204.5 | 2,187.9 | 7.1 | 6.0 | -171.64 | -177.3 | 62.3 | 96.0 | 86.2 | 9.78 | 9.809 | |
| 2,300.0 | 2,269.1 | 2,304.4 | 2,286.3 | 7.5 | 6.4 | -171.12 | -193.7 | 68.3 | 100.6 | 90.2 | 10.32 | 9.746 | |
| 2,400.0 | 2,366.7 | 2,404.3 | 2,384.6 | 8.0 | 6.8 | -170.65 | -210.2 | 74.4 | 105.2 | 94.3 | 10.86 | 9.687 | |
| 2,500.0 | 2,464.3 | 2,504.2 | 2,482.9 | 8.5 | 7.2 | -170.21 | -226.7 | 80.5 | 109.8 | 98.4 | 11.40 | 9.630 | |
| 2,600.0 | 2,561.9 | 2,604.1 | 2,581.3 | 9.0 | 7.6 | -169.81 | -243.2 | 86.5 | 114.4 | 102.5 | 11.95 | 9.577 | |
| 2,700.0 | 2,659.4 | 2,704.0 | 2,679.6 | 9.4 | 7.9 | -169.44 | -259.6 | 92.6 | 119.0 | 106.5 | 12.50 | 9.526 | |
| 2,800.0 | 2,757.0 | 2,803.9 | 2,777.9 | 9.9 | 8.3 | -169.10 | -276.1 | 98.7 | 123.7 | 110.6 | 13.05 | 9.478 | |
| 2,900.0 | 2,854.6 | 2,903.8 | 2,876.3 | 10.4 | 8.7 | -168.78 | -292.6 | 104.8 | 128.3 | 114.7 | 13.60 | 9.432 | |
| 3,000.0 | 2,952.2 | 3,003.7 | 2,974.6 | 10.8 | 9.1 | -168.49 | -309.1 | 110.8 | 133.0 | 118.8 | 14.16 | 9.389 | |
| 3,100.0 | 3,049.8 | 3,103.5 | 3,072.9 | 11.3 | 9.5 | -168.21 | -325.5 | 116.9 | 137.6 | 122.9 | 14.72 | 9.347 | |
| 3,200.0 | 3,147.4 | 3,203.4 | 3,171.3 | 11.8 | 9.9 | -167.96 | -342.0 | 123.0 | 142.3 | 127.0 | 15.28 | 9.308 | |
| 3,300.0 | 3,245.0 | 3,303.3 | 3,269.6 | 12.3 | 10.3 | -167.72 | -358.5 | 129.0 | 146.9 | 131.1 | 15.85 | 9.271 | |
| 3,400.0 | 3,342.5 | 3,403.2 | 3,367.9 | 12.7 | 10.7 | -167.49 | -375.0 | 135.1 | 151.6 | 135.1 | 16.41 | 9.236 | |
| 3,500.0 | 3,440.1 | 3,503.1 | 3,466.3 | 13.2 | 11.2 | -167.28 | -391.4 | 141.2 | 156.2 | 139.2 | 16.98 | 9.202 | |
| 3,600.0 | 3,537.7 | 3,603.0 | 3,564.6 | 13.7 | 11.6 | -167.08 | -407.9 | 147.3 | 160.9 | 143.3 | 17.54 | 9.171 | |
| 3,700.0 | 3,635.3 | 3,702.9 | 3,662.9 | 14.2 | 12.0 | -166.89 | -424.4 | 153.3 | 165.5 | 147.4 | 18.11 | 9.140 | |
| 3,800.0 | 3,732.9 | 3,802.8 | 3,761.3 | 14.6 | 12.4 | -166.71 | -440.9 | 159.4 | 170.2 | 151.5 | 18.68 | 9.111 | |
| 3,900.0 | 3,830.5 | 3,902.7 | 3,859.6 | 15.1 | 12.8 | -166.54 | -457.3 | 165.5 | 174.9 | 155.6 | 19.25 | 9.083 | |
| 4,000.0 | 3,928.0 | 4,002.6 | 3,957.9 | 15.6 | 13.2 | -166.38 | -473.8 | 171.6 | 179.5 | 159.7 | 19.82 | 9.057 | |
| 4,100.0 | 4,025.6 | 4,102.4 | 4,056.3 | 16.1 | 13.6 | -166.23 | -490.3 | 177.6 | 184.2 | 163.8 | 20.39 | 9.031 | |
| 4,200.0 | 4,123.2 | 4,202.3 | 4,154.6 | 16.5 | 14.0 | -166.09 | -506.7 | 183.7 | 188.9 | 167.9 | 20.97 | 9.007 | |
| 4,300.0 | 4,220.8 | 4,302.2 | 4,252.9 | 17.0 | 14.4 | -165.95 | -523.2 | 189.8 | 193.5 | 172.0 | 21.54 | 8.984 | |
| 4,400.0 | 4,318.4 | 4,402.1 | 4,351.3 | 17.5 | 14.8 | -165.82 | -539.7 | 195.8 | 198.2 | 176.1 | 22.11 | 8.962 | |
| 4,500.0 | 4,416.0 | 4,502.0 | 4,449.6 | 18.0 | 15.2 | -165.69 | -556.2 | 201.9 | 202.9 | 180.2 | 22.69 | 8.940 | |
| 4,600.0 | 4,513.6 | 4,601.9 | 4,548.0 | 18.5 | 15.6 | -165.57 | -572.6 | 208.0 | 207.5 | 184.3 | 23.27 | 8.920 | |
| 4,700.0 | 4,611.1 | 4,701.8 | 4,646.3 | 18.9 | 16.0 | -165.46 | -589.1 | 214.1 | 212.2 | 188.4 | 23.84 | 8.900 | |
| 4,800.0 | 4,708.7 | 4,801.7 | 4,744.6 | 19.4 | 16.4 | -165.35 | -605.6 | 220.1 | 216.9 | 192.5 | 24.42 | 8.881 | |
| 4,900.0 | 4,806.3 | 4,901.6 | 4,843.0 | 19.9 | 16.8 | -165.24 | -622.1 | 226.2 | 221.5 | 196.5 | 25.00 | 8.863 | |
| 5,000.0 | 4,903.9 | 5,001.5 | 4,941.3 | 20.4 | 17.2 | -165.14 | -638.5 | 232.3 | 226.2 | 200.6 | 25.57 | 8.846 | |
| 5,100.0 | 5,001.5 | 5,101.3 | 5,039.6 | 20.8 | 17.6 | -165.05 | -655.0 | 238.3 | 230.9 | 204.7 | 26.15 | 8.829 | |

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

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser E-10HN - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,200.0 | 5,099.1 | 5,201.2 | 5,138.0 | 21.3 | 18.0 | -164.96 | -671.5 | 244.4 | 235.6 | 208.8 | 26.73 | 8.813 | |
| 5,300.0 | 5,196.7 | 5,301.1 | 5,236.3 | 21.8 | 18.4 | -164.87 | -688.0 | 250.5 | 240.2 | 212.9 | 27.31 | 8.797 | |
| 5,400.0 | 5,294.2 | 5,401.0 | 5,334.6 | 22.3 | 18.9 | -164.78 | -704.4 | 256.6 | 244.9 | 217.0 | 27.89 | 8.782 | |
| 5,500.0 | 5,391.8 | 5,500.9 | 5,433.0 | 22.8 | 19.3 | -164.70 | -720.9 | 262.6 | 249.6 | 221.1 | 28.47 | 8.767 | |
| 5,600.0 | 5,489.4 | 5,600.8 | 5,531.3 | 23.2 | 19.7 | -164.62 | -737.4 | 268.7 | 254.3 | 225.2 | 29.05 | 8.753 | |
| 5,700.0 | 5,587.0 | 5,700.7 | 5,629.6 | 23.7 | 20.1 | -164.54 | -753.9 | 274.8 | 259.0 | 229.3 | 29.63 | 8.740 | |
| 5,800.0 | 5,684.6 | 5,800.6 | 5,728.0 | 24.2 | 20.5 | -164.47 | -770.3 | 280.9 | 263.6 | 233.4 | 30.21 | 8.726 | |
| 5,900.0 | 5,782.2 | 5,900.5 | 5,826.3 | 24.7 | 20.9 | -164.40 | -786.8 | 286.9 | 268.3 | 237.5 | 30.79 | 8.714 | |
| 6,000.0 | 5,879.8 | 6,000.4 | 5,924.6 | 25.1 | 21.3 | -164.33 | -803.3 | 293.0 | 273.0 | 241.6 | 31.37 | 8.701 | |
| 6,100.0 | 5,977.3 | 6,100.2 | 6,023.0 | 25.6 | 21.7 | -164.26 | -819.8 | 299.1 | 277.7 | 245.7 | 31.95 | 8.689 | |
| 6,200.0 | 6,074.9 | 6,200.1 | 6,121.3 | 26.1 | 22.1 | -164.20 | -836.2 | 305.1 | 282.3 | 249.8 | 32.54 | 8.678 | |
| 6,300.0 | 6,172.5 | 6,300.0 | 6,219.6 | 26.6 | 22.5 | -164.14 | -852.7 | 311.2 | 287.0 | 253.9 | 33.12 | 8.667 | |
| 6,400.0 | 6,270.1 | 6,399.9 | 6,318.0 | 27.1 | 22.9 | -164.08 | -869.2 | 317.3 | 291.7 | 258.0 | 33.70 | 8.656 | |
| 6,500.0 | 6,367.7 | 6,499.8 | 6,416.3 | 27.5 | 23.3 | -164.02 | -885.7 | 323.4 | 296.4 | 262.1 | 34.28 | 8.645 | |
| 6,600.0 | 6,465.3 | 6,599.7 | 6,514.6 | 28.0 | 23.7 | -163.96 | -902.1 | 329.4 | 301.1 | 266.2 | 34.87 | 8.635 | |
| 6,700.0 | 6,562.9 | 6,698.8 | 6,612.3 | 28.5 | 24.1 | -173.00 | -918.4 | 331.3 | 305.8 | 270.6 | 35.21 | 8.687 | |
| 6,800.0 | 6,660.3 | 6,796.1 | 6,707.0 | 28.8 | 24.3 | 139.53 | -933.5 | 315.9 | 310.7 | 275.6 | 35.08 | 8.857 | |
| 6,900.0 | 6,754.8 | 6,891.9 | 6,796.0 | 29.1 | 24.4 | 115.99 | -947.2 | 283.6 | 315.5 | 280.6 | 34.96 | 9.025 | |
| 7,000.0 | 6,842.9 | 6,986.4 | 6,876.7 | 29.2 | 24.5 | 104.93 | -959.0 | 236.1 | 320.0 | 285.0 | 34.91 | 9.165 | |
| 7,100.0 | 6,921.3 | 7,079.8 | 6,947.0 | 29.3 | 24.5 | 98.76 | -968.7 | 175.4 | 323.8 | 288.8 | 35.03 | 9.242 | |
| 7,200.0 | 6,987.1 | 7,172.5 | 7,005.1 | 29.4 | 24.5 | 94.98 | -976.0 | 103.8 | 326.9 | 291.4 | 35.45 | 9.220 | |
| 7,300.0 | 7,038.0 | 7,264.5 | 7,049.5 | 29.4 | 24.5 | 92.66 | -980.7 | 23.5 | 329.0 | 292.7 | 36.30 | 9.062 | |
| 7,400.0 | 7,072.0 | 7,356.2 | 7,079.3 | 29.4 | 24.4 | 91.39 | -982.8 | -63.0 | 330.0 | 292.3 | 37.69 | 8.756 | |
| 7,500.0 | 7,091.0 | 7,452.7 | 7,097.3 | 29.5 | 24.5 | 91.11 | -982.8 | -157.9 | 330.1 | 290.4 | 39.74 | 8.306 | |
| 7,600.0 | 7,105.8 | 7,553.2 | 7,111.9 | 29.6 | 24.7 | 91.06 | -982.4 | -257.2 | 330.1 | 287.6 | 42.47 | 7.772 | |
| 7,700.0 | 7,112.1 | 7,653.7 | 7,117.8 | 29.9 | 25.2 | 90.98 | -982.1 | -357.5 | 330.1 | 284.4 | 45.69 | 7.224 | |
| 7,800.0 | 7,111.8 | 7,753.8 | 7,116.9 | 30.5 | 26.4 | 90.90 | -981.7 | -457.7 | 330.0 | 280.7 | 49.32 | 6.692 | |
| 7,900.0 | 7,110.9 | 7,853.8 | 7,115.6 | 31.4 | 28.0 | 90.81 | -981.4 | -557.7 | 330.0 | 276.8 | 53.29 | 6.193 | |
| 8,000.0 | 7,110.1 | 7,953.8 | 7,114.3 | 32.7 | 29.9 | 90.72 | -981.1 | -657.7 | 330.0 | 272.5 | 57.53 | 5.737 | |
| 8,100.0 | 7,109.3 | 8,053.8 | 7,113.0 | 34.3 | 32.0 | 90.63 | -980.7 | -757.7 | 330.0 | 268.0 | 61.99 | 5.324 | |
| 8,200.0 | 7,108.5 | 8,153.8 | 7,111.6 | 36.2 | 34.3 | 90.55 | -980.4 | -857.7 | 330.0 | 263.4 | 66.63 | 4.953 | |
| 8,300.0 | 7,107.7 | 8,253.8 | 7,110.3 | 38.3 | 36.6 | 90.46 | -980.1 | -957.6 | 330.0 | 258.6 | 71.40 | 4.622 | |
| 8,400.0 | 7,106.8 | 8,353.8 | 7,109.0 | 40.5 | 39.0 | 90.37 | -979.7 | -1,057.6 | 330.0 | 253.7 | 76.29 | 4.326 | |
| 8,500.0 | 7,106.0 | 8,453.8 | 7,107.6 | 42.9 | 41.4 | 90.28 | -979.4 | -1,157.6 | 330.0 | 248.7 | 81.28 | 4.060 | |
| 8,570.3 | 7,105.4 | 8,524.2 | 7,106.7 | 44.5 | 43.2 | 90.22 | -979.2 | -1,228.0 | 330.0 | 245.2 | 84.83 | 3.890 | |
| 8,600.0 | 7,105.2 | 8,553.8 | 7,106.3 | 45.2 | 43.9 | 90.19 | -979.1 | -1,257.6 | 330.0 | 243.7 | 86.34 | 3.822 | |
| 8,700.0 | 7,104.4 | 8,653.8 | 7,105.0 | 47.7 | 46.5 | 90.11 | -978.7 | -1,357.6 | 330.0 | 238.6 | 91.47 | 3.608 | |
| 8,800.0 | 7,103.6 | 8,753.8 | 7,103.7 | 50.2 | 49.0 | 90.02 | -978.4 | -1,457.6 | 330.0 | 233.4 | 96.65 | 3.415 | |
| 8,900.0 | 7,102.7 | 8,853.8 | 7,102.3 | 52.7 | 51.6 | 89.93 | -978.0 | -1,557.6 | 330.0 | 228.2 | 101.87 | 3.240 | |
| 9,000.0 | 7,101.9 | 8,953.8 | 7,101.0 | 55.2 | 54.2 | 89.84 | -977.7 | -1,657.6 | 330.0 | 222.9 | 107.14 | 3.080 | |
| 9,100.0 | 7,101.1 | 9,053.8 | 7,099.7 | 57.8 | 56.9 | 89.76 | -977.4 | -1,757.6 | 330.0 | 217.6 | 112.44 | 2.935 | |
| 9,200.0 | 7,100.3 | 9,153.8 | 7,098.4 | 60.4 | 59.5 | 89.67 | -977.0 | -1,857.5 | 330.0 | 212.3 | 117.76 | 2.803 | |
| 9,300.0 | 7,099.5 | 9,253.8 | 7,097.0 | 63.0 | 62.2 | 89.58 | -976.7 | -1,957.5 | 330.0 | 206.9 | 123.12 | 2.681 | |
| 9,400.0 | 7,098.6 | 9,353.8 | 7,095.7 | 65.7 | 64.8 | 89.49 | -976.4 | -2,057.5 | 330.1 | 201.6 | 128.49 | 2.569 | |
| 9,500.0 | 7,097.8 | 9,453.8 | 7,094.4 | 68.3 | 67.5 | 89.40 | -976.0 | -2,157.5 | 330.1 | 196.2 | 133.89 | 2.465 | |
| 9,600.0 | 7,097.0 | 9,553.8 | 7,093.1 | 71.0 | 70.2 | 89.32 | -975.7 | -2,257.5 | 330.1 | 190.8 | 139.30 | 2.370 | |
| 9,700.0 | 7,096.2 | 9,653.8 | 7,091.7 | 73.6 | 72.9 | 89.23 | -975.4 | -2,357.5 | 330.1 | 185.4 | 144.72 | 2.281 | |
| 9,800.0 | 7,095.4 | 9,753.8 | 7,090.4 | 76.3 | 75.6 | 89.14 | -975.0 | -2,457.5 | 330.1 | 179.9 | 150.16 | 2.198 | |
| 9,900.0 | 7,094.5 | 9,853.8 | 7,089.1 | 79.0 | 78.3 | 89.05 | -974.7 | -2,557.5 | 330.1 | 174.5 | 155.61 | 2.121 | |
| 10,000.0 | 7,093.7 | 9,953.8 | 7,087.8 | 81.7 | 81.1 | 88.96 | -974.3 | -2,657.5 | 330.1 | 169.0 | 161.07 | 2.049 | |
| 10,100.0 | 7,092.9 | 10,053.8 | 7,086.4 | 84.4 | 83.8 | 88.88 | -974.0 | -2,757.5 | 330.1 | 163.6 | 166.54 | 1.982 | |
| 10,200.0 | 7,092.1 | 10,153.8 | 7,085.1 | 87.1 | 86.5 | 88.79 | -973.7 | -2,857.4 | 330.1 | 158.1 | 172.02 | 1.919 | |

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

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser E-10HN - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10,300.0 | 7,091.3 | 10,253.8 | 7,083.8 | 89.9 | 89.3 | 88.70 | -973.3 | -2,957.4 | 330.1 | 152.6 | 177.51 | 1.860 | |
| 10,400.0 | 7,090.4 | 10,353.8 | 7,082.4 | 92.6 | 92.0 | 88.61 | -973.0 | -3,057.4 | 330.2 | 147.2 | 183.00 | 1.804 | |
| 10,500.0 | 7,089.6 | 10,453.8 | 7,081.1 | 95.3 | 94.8 | 88.53 | -972.7 | -3,157.4 | 330.2 | 141.7 | 188.50 | 1.752 | |
| 10,600.0 | 7,088.8 | 10,553.8 | 7,079.8 | 98.0 | 97.5 | 88.44 | -972.3 | -3,257.4 | 330.2 | 136.2 | 194.00 | 1.702 | |
| 10,700.0 | 7,088.0 | 10,653.8 | 7,078.5 | 100.8 | 100.3 | 88.35 | -972.0 | -3,357.4 | 330.2 | 130.7 | 199.51 | 1.655 | |
| 10,800.0 | 7,087.2 | 10,753.8 | 7,077.1 | 103.5 | 103.0 | 88.26 | -971.6 | -3,457.4 | 330.2 | 125.2 | 205.03 | 1.611 | |
| 10,900.0 | 7,086.3 | 10,853.8 | 7,075.8 | 106.3 | 105.8 | 88.17 | -971.3 | -3,557.4 | 330.2 | 119.7 | 210.54 | 1.568 | |
| 11,000.0 | 7,085.5 | 10,953.8 | 7,074.5 | 109.0 | 108.5 | 88.09 | -971.0 | -3,657.4 | 330.3 | 114.2 | 216.06 | 1.528 | |
| 11,100.0 | 7,084.7 | 11,053.8 | 7,073.2 | 111.8 | 111.3 | 88.00 | -970.6 | -3,757.3 | 330.3 | 108.7 | 221.59 | 1.490 | Level 3 |
| 11,200.0 | 7,083.9 | 11,153.8 | 7,071.8 | 114.5 | 114.1 | 87.91 | -970.3 | -3,857.3 | 330.3 | 103.2 | 227.12 | 1.454 | Level 3 |
| 11,300.0 | 7,083.1 | 11,253.8 | 7,070.5 | 117.3 | 116.8 | 87.82 | -970.0 | -3,957.3 | 330.3 | 97.7 | 232.64 | 1.420 | Level 3 |
| 11,400.0 | 7,082.2 | 11,353.8 | 7,069.2 | 120.0 | 119.6 | 87.74 | -969.6 | -4,057.3 | 330.3 | 92.2 | 238.18 | 1.387 | Level 3 |
| 11,500.0 | 7,081.4 | 11,453.8 | 7,067.9 | 122.8 | 122.4 | 87.65 | -969.3 | -4,157.3 | 330.4 | 86.6 | 243.71 | 1.356 | Level 3 |
| 11,600.0 | 7,080.6 | 11,553.8 | 7,066.5 | 125.6 | 125.2 | 87.56 | -969.0 | -4,257.3 | 330.4 | 81.1 | 249.24 | 1.326 | Level 3 |
| 11,700.0 | 7,079.8 | 11,653.8 | 7,065.2 | 128.3 | 127.9 | 87.47 | -968.6 | -4,357.3 | 330.4 | 75.6 | 254.78 | 1.297 | Level 3 |
| 11,754.9 | 7,079.3 | 11,708.7 | 7,064.5 | 129.9 | 129.4 | 87.42 | -968.4 | -4,412.2 | 330.4 | 72.6 | 257.82 | 1.282 | Level 3 |
| 11,794.3 | 7,079.0 | 11,744.6 | 7,064.0 | 130.9 | 130.4 | 87.39 | -968.3 | -4,448.1 | 330.4 | 70.5 | 259.91 | 1.271 | Level 3, SF |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser G-10HN - Wellbore #1 - Plan#1 (4-14-14) — **Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD — **Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 147.68 | -12.7 | 8.1 | 15.1 | 15.1 | 0.00 | N/A | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 147.68 | -12.7 | 8.1 | 15.1 | 14.9 | 0.22 | 67.109 | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 147.68 | -12.7 | 8.1 | 15.1 | 14.4 | 0.67 | 22.370 | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | 147.68 | -12.7 | 8.1 | 15.1 | 14.0 | 1.12 | 13.422 | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | 147.68 | -12.7 | 8.1 | 15.1 | 13.5 | 1.57 | 9.587 | CC, ES |
| 500.0 | 500.0 | 499.5 | 499.4 | 1.0 | 1.0 | 149.75 | -14.4 | 8.4 | 16.7 | 14.7 | 2.00 | 8.373 | |
| 600.0 | 600.0 | 598.7 | 598.5 | 1.2 | 1.2 | 154.07 | -19.5 | 9.5 | 21.7 | 19.3 | 2.41 | 8.996 | |
| 700.0 | 700.0 | 697.6 | 697.1 | 1.4 | 1.4 | -7.25 | -27.9 | 11.2 | 28.5 | 25.6 | 2.81 | 10.125 | |
| 800.0 | 799.8 | 796.3 | 795.0 | 1.6 | 1.6 | -4.74 | -39.5 | 13.7 | 35.2 | 32.0 | 3.20 | 11.002 | |
| 900.0 | 899.5 | 894.7 | 892.3 | 1.8 | 1.9 | -2.78 | -54.5 | 16.8 | 41.9 | 38.3 | 3.61 | 11.626 | |
| 1,000.0 | 998.7 | 993.0 | 988.7 | 2.1 | 2.3 | -1.15 | -72.6 | 20.6 | 48.6 | 44.6 | 4.03 | 12.066 | |
| 1,100.0 | 1,097.5 | 1,091.0 | 1,084.3 | 2.4 | 2.7 | 0.28 | -93.9 | 25.1 | 55.3 | 50.8 | 4.47 | 12.367 | |
| 1,200.0 | 1,195.6 | 1,189.4 | 1,179.5 | 2.7 | 3.2 | 1.58 | -118.4 | 30.2 | 61.7 | 56.8 | 4.93 | 12.522 | |
| 1,300.0 | 1,293.2 | 1,289.3 | 1,275.9 | 3.1 | 3.7 | 2.76 | -143.9 | 35.5 | 66.3 | 60.9 | 5.42 | 12.236 | |
| 1,400.0 | 1,390.8 | 1,389.2 | 1,372.3 | 3.5 | 4.2 | 3.80 | -169.5 | 40.9 | 70.7 | 64.8 | 5.93 | 11.932 | |
| 1,500.0 | 1,488.4 | 1,489.1 | 1,468.8 | 3.9 | 4.7 | 4.72 | -195.0 | 46.2 | 75.2 | 68.8 | 6.45 | 11.665 | |
| 1,600.0 | 1,586.0 | 1,589.0 | 1,565.2 | 4.3 | 5.2 | 5.53 | -220.6 | 51.6 | 79.7 | 72.7 | 6.98 | 11.418 | |
| 1,700.0 | 1,683.6 | 1,688.9 | 1,661.6 | 4.8 | 5.8 | 6.25 | -246.1 | 56.9 | 84.2 | 76.7 | 7.52 | 11.198 | |
| 1,800.0 | 1,781.2 | 1,788.8 | 1,758.0 | 5.2 | 6.3 | 6.90 | -271.6 | 62.3 | 88.7 | 80.7 | 8.07 | 10.999 | |
| 1,900.0 | 1,878.8 | 1,888.7 | 1,854.5 | 5.7 | 6.8 | 7.49 | -297.2 | 67.6 | 93.2 | 84.6 | 8.62 | 10.820 | |
| 2,000.0 | 1,976.3 | 1,988.6 | 1,950.9 | 6.2 | 7.4 | 8.03 | -322.7 | 72.9 | 97.8 | 88.6 | 9.18 | 10.657 | |
| 2,100.0 | 2,073.9 | 2,088.4 | 2,047.3 | 6.6 | 7.9 | 8.51 | -348.3 | 78.3 | 102.3 | 92.6 | 9.74 | 10.508 | |
| 2,200.0 | 2,171.5 | 2,188.3 | 2,143.7 | 7.1 | 8.5 | 8.96 | -373.8 | 83.6 | 106.9 | 96.6 | 10.30 | 10.372 | |
| 2,300.0 | 2,269.1 | 2,288.2 | 2,240.2 | 7.5 | 9.0 | 9.36 | -399.4 | 89.0 | 111.4 | 100.6 | 10.87 | 10.247 | |
| 2,400.0 | 2,366.7 | 2,388.1 | 2,336.6 | 8.0 | 9.6 | 9.74 | -424.9 | 94.3 | 116.0 | 104.5 | 11.45 | 10.133 | |
| 2,500.0 | 2,464.3 | 2,488.0 | 2,433.0 | 8.5 | 10.1 | 10.09 | -450.5 | 99.7 | 120.6 | 108.5 | 12.02 | 10.027 | |
| 2,600.0 | 2,561.9 | 2,587.9 | 2,529.4 | 9.0 | 10.7 | 10.41 | -476.0 | 105.0 | 125.1 | 112.5 | 12.60 | 9.929 | |
| 2,700.0 | 2,659.4 | 2,687.8 | 2,625.8 | 9.4 | 11.2 | 10.71 | -501.6 | 110.4 | 129.7 | 116.5 | 13.18 | 9.838 | |
| 2,800.0 | 2,757.0 | 2,787.7 | 2,722.3 | 9.9 | 11.7 | 10.99 | -527.1 | 115.7 | 134.3 | 120.5 | 13.77 | 9.753 | |
| 2,900.0 | 2,854.6 | 2,887.6 | 2,818.7 | 10.4 | 12.3 | 11.25 | -552.7 | 121.1 | 138.9 | 124.5 | 14.35 | 9.674 | |
| 3,000.0 | 2,952.2 | 2,987.5 | 2,915.1 | 10.8 | 12.8 | 11.50 | -578.2 | 126.4 | 143.4 | 128.5 | 14.94 | 9.601 | |
| 3,100.0 | 3,049.8 | 3,087.4 | 3,011.5 | 11.3 | 13.4 | 11.73 | -603.8 | 131.8 | 148.0 | 132.5 | 15.53 | 9.532 | |
| 3,200.0 | 3,147.4 | 3,187.3 | 3,108.0 | 11.8 | 13.9 | 11.94 | -629.3 | 137.1 | 152.6 | 136.5 | 16.12 | 9.467 | |
| 3,300.0 | 3,245.0 | 3,287.2 | 3,204.4 | 12.3 | 14.5 | 12.14 | -654.9 | 142.5 | 157.2 | 140.5 | 16.71 | 9.406 | |
| 3,400.0 | 3,342.5 | 3,387.1 | 3,300.8 | 12.7 | 15.0 | 12.33 | -680.4 | 147.8 | 161.8 | 144.5 | 17.30 | 9.349 | |
| 3,500.0 | 3,440.1 | 3,486.9 | 3,397.2 | 13.2 | 15.6 | 12.52 | -706.0 | 153.2 | 166.4 | 148.5 | 17.90 | 9.295 | |
| 3,600.0 | 3,537.7 | 3,586.8 | 3,493.6 | 13.7 | 16.1 | 12.69 | -731.5 | 158.5 | 171.0 | 152.5 | 18.49 | 9.244 | |
| 3,700.0 | 3,635.3 | 3,686.7 | 3,590.1 | 14.2 | 16.7 | 12.85 | -757.1 | 163.8 | 175.6 | 156.5 | 19.09 | 9.196 | |
| 3,800.0 | 3,732.9 | 3,786.6 | 3,686.5 | 14.6 | 17.2 | 13.00 | -782.6 | 169.2 | 180.2 | 160.5 | 19.69 | 9.150 | |
| 3,900.0 | 3,830.5 | 3,886.5 | 3,782.9 | 15.1 | 17.8 | 13.15 | -808.1 | 174.5 | 184.8 | 164.5 | 20.29 | 9.107 | |
| 4,000.0 | 3,928.0 | 3,986.4 | 3,879.3 | 15.6 | 18.3 | 13.29 | -833.7 | 179.9 | 189.4 | 168.5 | 20.89 | 9.066 | |
| 4,100.0 | 4,025.6 | 4,086.3 | 3,975.8 | 16.1 | 18.9 | 13.42 | -859.2 | 185.2 | 194.0 | 172.5 | 21.49 | 9.027 | |
| 4,200.0 | 4,123.2 | 4,186.2 | 4,072.2 | 16.5 | 19.4 | 13.55 | -884.8 | 190.6 | 198.6 | 176.5 | 22.09 | 8.990 | |
| 4,300.0 | 4,220.8 | 4,286.1 | 4,168.6 | 17.0 | 20.0 | 13.67 | -910.3 | 195.9 | 203.2 | 180.5 | 22.69 | 8.954 | |
| 4,400.0 | 4,318.4 | 4,386.0 | 4,265.0 | 17.5 | 20.5 | 13.78 | -935.9 | 201.3 | 207.8 | 184.5 | 23.29 | 8.920 | |
| 4,500.0 | 4,416.0 | 4,485.9 | 4,361.5 | 18.0 | 21.1 | 13.89 | -961.4 | 206.6 | 212.4 | 188.5 | 23.89 | 8.888 | |
| 4,600.0 | 4,513.6 | 4,585.8 | 4,457.9 | 18.5 | 21.6 | 14.00 | -987.0 | 212.0 | 217.0 | 192.5 | 24.50 | 8.857 | |
| 4,700.0 | 4,611.1 | 4,685.7 | 4,554.3 | 18.9 | 22.2 | 14.10 | -1,012.5 | 217.3 | 221.6 | 196.5 | 25.10 | 8.828 | |
| 4,800.0 | 4,708.7 | 4,785.6 | 4,650.7 | 19.4 | 22.7 | 14.20 | -1,038.1 | 222.7 | 226.2 | 200.5 | 25.70 | 8.799 | |
| 4,900.0 | 4,806.3 | 4,885.5 | 4,747.1 | 19.9 | 23.3 | 14.29 | -1,063.6 | 228.0 | 230.8 | 204.5 | 26.31 | 8.772 | |
| 5,000.0 | 4,903.9 | 4,985.3 | 4,843.6 | 20.4 | 23.9 | 14.38 | -1,089.2 | 233.4 | 235.4 | 208.5 | 26.91 | 8.746 | |
| 5,100.0 | 5,001.5 | 5,085.2 | 4,940.0 | 20.8 | 24.4 | 14.47 | -1,114.7 | 238.7 | 240.0 | 212.5 | 27.52 | 8.721 | |

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

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser G-10HN - Wellbore #1 - Plan#1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,200.0 | 5,099.1 | 5,185.1 | 5,036.4 | 21.3 | 25.0 | 14.55 | -1,140.3 | 244.1 | 244.6 | 216.5 | 28.12 | 8.697 | |
| 5,300.0 | 5,196.7 | 5,285.0 | 5,132.8 | 21.8 | 25.5 | 14.63 | -1,165.8 | 249.4 | 249.2 | 220.5 | 28.73 | 8.674 | |
| 5,400.0 | 5,294.2 | 5,384.9 | 5,229.3 | 22.3 | 26.1 | 14.71 | -1,191.4 | 254.7 | 253.8 | 224.5 | 29.34 | 8.652 | |
| 5,500.0 | 5,391.8 | 5,484.8 | 5,325.7 | 22.8 | 26.6 | 14.78 | -1,216.9 | 260.1 | 258.4 | 228.5 | 29.94 | 8.630 | |
| 5,600.0 | 5,489.4 | 5,584.7 | 5,422.1 | 23.2 | 27.2 | 14.85 | -1,242.5 | 265.4 | 263.0 | 232.5 | 30.55 | 8.610 | |
| 5,700.0 | 5,587.0 | 5,684.6 | 5,518.5 | 23.7 | 27.7 | 14.92 | -1,268.0 | 270.8 | 267.6 | 236.5 | 31.16 | 8.590 | |
| 5,800.0 | 5,684.6 | 5,784.5 | 5,615.0 | 24.2 | 28.3 | 14.99 | -1,293.6 | 276.1 | 272.3 | 240.5 | 31.77 | 8.571 | |
| 5,900.0 | 5,782.2 | 5,884.4 | 5,711.4 | 24.7 | 28.8 | 15.05 | -1,319.1 | 281.5 | 276.9 | 244.5 | 32.37 | 8.552 | |
| 6,000.0 | 5,879.8 | 5,984.3 | 5,807.8 | 25.1 | 29.4 | 15.11 | -1,344.7 | 286.8 | 281.5 | 248.5 | 32.98 | 8.534 | |
| 6,100.0 | 5,977.3 | 6,084.2 | 5,904.2 | 25.6 | 29.9 | 15.17 | -1,370.2 | 292.2 | 286.1 | 252.5 | 33.59 | 8.517 | |
| 6,200.0 | 6,074.9 | 6,184.1 | 6,000.6 | 26.1 | 30.5 | 15.23 | -1,395.7 | 297.5 | 290.7 | 256.5 | 34.20 | 8.500 | |
| 6,300.0 | 6,172.5 | 6,284.0 | 6,097.1 | 26.6 | 31.0 | 15.29 | -1,421.3 | 302.9 | 295.3 | 260.5 | 34.81 | 8.484 | |
| 6,400.0 | 6,270.1 | 6,383.9 | 6,193.5 | 27.1 | 31.6 | 15.34 | -1,446.8 | 308.2 | 299.9 | 264.5 | 35.42 | 8.468 | |
| 6,500.0 | 6,367.7 | 6,483.7 | 6,289.9 | 27.5 | 32.1 | 15.40 | -1,472.4 | 313.6 | 304.5 | 268.5 | 36.03 | 8.453 | |
| 6,600.0 | 6,465.3 | 6,583.6 | 6,386.3 | 28.0 | 32.7 | 15.45 | -1,497.9 | 318.9 | 309.1 | 272.5 | 36.64 | 8.438 | |
| 6,700.0 | 6,562.9 | 6,683.5 | 6,482.8 | 28.5 | 33.2 | 7.27 | -1,523.5 | 324.3 | 313.8 | 276.5 | 37.25 | 8.423 | |
| 6,800.0 | 6,660.3 | 6,785.6 | 6,581.4 | 28.8 | 33.7 | -38.40 | -1,549.2 | 321.5 | 318.5 | 280.9 | 37.60 | 8.470 | |
| 6,900.0 | 6,754.8 | 6,888.9 | 6,678.9 | 29.1 | 34.0 | -60.27 | -1,573.6 | 298.7 | 322.9 | 285.1 | 37.78 | 8.546 | |
| 7,000.0 | 6,842.9 | 6,993.0 | 6,771.2 | 29.2 | 34.3 | -69.83 | -1,595.7 | 256.1 | 326.9 | 289.0 | 37.88 | 8.630 | |
| 7,100.0 | 6,921.3 | 7,097.9 | 6,854.1 | 29.3 | 34.5 | -74.71 | -1,614.4 | 195.1 | 330.3 | 292.3 | 38.00 | 8.691 | |
| 7,200.0 | 6,987.1 | 7,203.3 | 6,924.1 | 29.4 | 34.6 | -77.41 | -1,628.9 | 118.0 | 332.9 | 294.5 | 38.34 | 8.682 | |
| 7,300.0 | 7,038.0 | 7,308.9 | 6,978.0 | 29.4 | 34.7 | -78.91 | -1,638.5 | 27.8 | 334.6 | 295.5 | 39.11 | 8.555 | |
| 7,400.0 | 7,072.0 | 7,414.6 | 7,013.3 | 29.4 | 34.7 | -79.63 | -1,642.8 | -71.5 | 335.4 | 294.9 | 40.48 | 8.285 | |
| 7,500.0 | 7,091.0 | 7,516.6 | 7,032.3 | 29.5 | 34.7 | -79.76 | -1,642.8 | -171.7 | 335.4 | 293.0 | 42.43 | 7.905 | |
| 7,600.0 | 7,105.8 | 7,612.2 | 7,045.9 | 29.6 | 34.9 | -79.67 | -1,642.5 | -266.3 | 335.5 | 290.5 | 44.96 | 7.462 | |
| 7,700.0 | 7,112.1 | 7,707.2 | 7,051.7 | 29.9 | 35.1 | -79.63 | -1,642.1 | -361.1 | 335.5 | 287.5 | 48.04 | 6.984 | |
| 7,800.0 | 7,111.8 | 7,805.5 | 7,051.4 | 30.5 | 35.4 | -79.64 | -1,641.8 | -459.4 | 335.5 | 284.0 | 51.54 | 6.510 | |
| 7,900.0 | 7,110.9 | 7,905.5 | 7,050.6 | 31.4 | 36.0 | -79.64 | -1,641.5 | -559.4 | 335.5 | 280.2 | 55.34 | 6.062 | |
| 8,000.0 | 7,110.1 | 8,005.5 | 7,049.8 | 32.7 | 36.8 | -79.65 | -1,641.1 | -659.4 | 335.5 | 276.1 | 59.42 | 5.646 | |
| 8,100.0 | 7,109.3 | 8,105.5 | 7,049.0 | 34.3 | 38.0 | -79.65 | -1,640.8 | -759.4 | 335.5 | 271.8 | 63.72 | 5.265 | |
| 8,200.0 | 7,108.5 | 8,205.5 | 7,048.3 | 36.2 | 39.4 | -79.66 | -1,640.4 | -859.4 | 335.5 | 267.3 | 68.20 | 4.919 | |
| 8,300.0 | 7,107.7 | 8,305.5 | 7,047.5 | 38.3 | 41.0 | -79.66 | -1,640.1 | -959.4 | 335.4 | 262.6 | 72.82 | 4.607 | |
| 8,400.0 | 7,106.8 | 8,405.5 | 7,046.7 | 40.5 | 42.9 | -79.67 | -1,639.7 | -1,059.4 | 335.4 | 257.9 | 77.56 | 4.325 | |
| 8,500.0 | 7,106.0 | 8,505.5 | 7,045.9 | 42.9 | 44.9 | -79.67 | -1,639.4 | -1,159.4 | 335.4 | 253.0 | 82.40 | 4.070 | |
| 8,600.0 | 7,105.2 | 8,605.5 | 7,045.1 | 45.2 | 47.1 | -79.68 | -1,639.1 | -1,259.4 | 335.4 | 248.1 | 87.33 | 3.841 | |
| 8,700.0 | 7,104.4 | 8,705.5 | 7,044.3 | 47.7 | 49.4 | -79.69 | -1,638.7 | -1,359.4 | 335.4 | 243.1 | 92.32 | 3.633 | |
| 8,800.0 | 7,103.6 | 8,805.5 | 7,043.5 | 50.2 | 51.7 | -79.69 | -1,638.4 | -1,459.4 | 335.4 | 238.0 | 97.37 | 3.444 | |
| 8,900.0 | 7,102.7 | 8,905.5 | 7,042.8 | 52.7 | 54.1 | -79.70 | -1,638.0 | -1,559.4 | 335.4 | 232.9 | 102.48 | 3.273 | |
| 9,000.0 | 7,101.9 | 9,005.5 | 7,042.0 | 55.2 | 56.6 | -79.70 | -1,637.7 | -1,659.4 | 335.3 | 227.7 | 107.62 | 3.116 | |
| 9,100.0 | 7,101.1 | 9,105.5 | 7,041.2 | 57.8 | 59.1 | -79.71 | -1,637.3 | -1,759.3 | 335.3 | 222.5 | 112.80 | 2.973 | |
| 9,200.0 | 7,100.3 | 9,205.5 | 7,040.4 | 60.4 | 61.6 | -79.71 | -1,637.0 | -1,859.3 | 335.3 | 217.3 | 118.02 | 2.841 | |
| 9,300.0 | 7,099.5 | 9,305.5 | 7,039.6 | 63.0 | 64.2 | -79.72 | -1,636.7 | -1,959.3 | 335.3 | 212.0 | 123.26 | 2.720 | |
| 9,400.0 | 7,098.6 | 9,405.5 | 7,038.8 | 65.7 | 66.7 | -79.73 | -1,636.3 | -2,059.3 | 335.3 | 206.8 | 128.53 | 2.609 | |
| 9,500.0 | 7,097.8 | 9,505.5 | 7,038.1 | 68.3 | 69.3 | -79.73 | -1,636.0 | -2,159.3 | 335.3 | 201.5 | 133.82 | 2.506 | |
| 9,600.0 | 7,097.0 | 9,605.5 | 7,037.3 | 71.0 | 72.0 | -79.74 | -1,635.6 | -2,259.3 | 335.3 | 196.1 | 139.13 | 2.410 | |
| 9,700.0 | 7,096.2 | 9,705.5 | 7,036.5 | 73.6 | 74.6 | -79.74 | -1,635.3 | -2,359.3 | 335.3 | 190.8 | 144.45 | 2.321 | |
| 9,800.0 | 7,095.4 | 9,805.5 | 7,035.7 | 76.3 | 77.2 | -79.75 | -1,634.9 | -2,459.3 | 335.2 | 185.4 | 149.79 | 2.238 | |
| 9,900.0 | 7,094.5 | 9,905.5 | 7,034.9 | 79.0 | 79.9 | -79.75 | -1,634.6 | -2,559.3 | 335.2 | 180.1 | 155.15 | 2.161 | |
| 10,000.0 | 7,093.7 | 10,005.5 | 7,034.1 | 81.7 | 82.6 | -79.76 | -1,634.3 | -2,659.3 | 335.2 | 174.7 | 160.52 | 2.088 | |
| 10,100.0 | 7,092.9 | 10,105.5 | 7,033.3 | 84.4 | 85.2 | -79.76 | -1,633.9 | -2,759.3 | 335.2 | 169.3 | 165.90 | 2.021 | |
| 10,200.0 | 7,092.1 | 10,205.5 | 7,032.6 | 87.1 | 87.9 | -79.77 | -1,633.6 | -2,859.3 | 335.2 | 163.9 | 171.28 | 1.957 | |
| 10,300.0 | 7,091.3 | 10,305.5 | 7,031.8 | 89.9 | 90.6 | -79.78 | -1,633.2 | -2,959.3 | 335.2 | 158.5 | 176.68 | 1.897 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser G-10HN - Wellbore #1 - Plan#1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10,400.0 | 7,090.4 | 10,405.5 | 7,031.0 | 92.6 | 93.3 | -79.78 | -1,632.9 | -3,059.3 | 335.2 | 153.1 | 182.09 | 1.841 | |
| 10,500.0 | 7,089.6 | 10,505.5 | 7,030.2 | 95.3 | 96.0 | -79.79 | -1,632.5 | -3,159.3 | 335.1 | 147.6 | 187.51 | 1.787 | |
| 10,600.0 | 7,088.8 | 10,605.5 | 7,029.4 | 98.0 | 98.7 | -79.79 | -1,632.2 | -3,259.3 | 335.1 | 142.2 | 192.93 | 1.737 | |
| 10,700.0 | 7,088.0 | 10,705.5 | 7,028.6 | 100.8 | 101.5 | -79.80 | -1,631.9 | -3,359.3 | 335.1 | 136.7 | 198.36 | 1.689 | |
| 10,800.0 | 7,087.2 | 10,805.5 | 7,027.8 | 103.5 | 104.2 | -79.80 | -1,631.5 | -3,459.3 | 335.1 | 131.3 | 203.79 | 1.644 | |
| 10,900.0 | 7,086.3 | 10,905.5 | 7,027.1 | 106.3 | 106.9 | -79.81 | -1,631.2 | -3,559.3 | 335.1 | 125.8 | 209.23 | 1.601 | |
| 11,000.0 | 7,085.5 | 11,005.5 | 7,026.3 | 109.0 | 109.6 | -79.82 | -1,630.8 | -3,659.3 | 335.1 | 120.4 | 214.68 | 1.561 | |
| 11,100.0 | 7,084.7 | 11,105.5 | 7,025.5 | 111.8 | 112.4 | -79.82 | -1,630.5 | -3,759.3 | 335.1 | 114.9 | 220.13 | 1.522 | |
| 11,200.0 | 7,083.9 | 11,205.5 | 7,024.7 | 114.5 | 115.1 | -79.83 | -1,630.1 | -3,859.3 | 335.0 | 109.5 | 225.59 | 1.485 | Level 3 |
| 11,300.0 | 7,083.1 | 11,305.5 | 7,023.9 | 117.3 | 117.9 | -79.83 | -1,629.8 | -3,959.3 | 335.0 | 104.0 | 231.04 | 1.450 | Level 3 |
| 11,400.0 | 7,082.2 | 11,405.5 | 7,023.1 | 120.0 | 120.6 | -79.84 | -1,629.5 | -4,059.3 | 335.0 | 98.5 | 236.51 | 1.416 | Level 3 |
| 11,500.0 | 7,081.4 | 11,505.5 | 7,022.3 | 122.8 | 123.4 | -79.84 | -1,629.1 | -4,159.3 | 335.0 | 93.0 | 241.98 | 1.384 | Level 3 |
| 11,600.0 | 7,080.6 | 11,605.5 | 7,021.6 | 125.6 | 126.1 | -79.85 | -1,628.8 | -4,259.3 | 335.0 | 87.5 | 247.45 | 1.354 | Level 3 |
| 11,700.0 | 7,079.8 | 11,705.5 | 7,020.8 | 128.3 | 128.8 | -79.85 | -1,628.4 | -4,359.3 | 335.0 | 82.1 | 252.87 | 1.325 | Level 3 |
| 11,794.3 | 7,079.0 | 11,799.8 | 7,020.0 | 130.9 | 130.5 | -79.86 | -1,628.1 | -4,453.5 | 335.0 | 77.8 | 257.11 | 1.303 | Level 3, SF |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser H-10HC - Wellbore #1 - Plan #1 (4-14-14) — **Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD — **Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 148.13 | -25.5 | 15.9 | 30.0 | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 148.13 | -25.5 | 15.9 | 30.0 | 29.8 | 0.22 | 133.576 | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 148.13 | -25.5 | 15.9 | 30.0 | 29.3 | 0.67 | 44.525 | CC, ES |
| 300.0 | 300.0 | 299.0 | 299.0 | 0.6 | 0.5 | 149.31 | -27.2 | 16.1 | 31.6 | 30.5 | 1.10 | 28.735 | |
| 400.0 | 400.0 | 397.8 | 397.6 | 0.8 | 0.7 | 152.21 | -32.2 | 17.0 | 36.5 | 35.0 | 1.53 | 23.818 | |
| 500.0 | 500.0 | 496.1 | 495.5 | 1.0 | 1.0 | 155.62 | -40.6 | 18.4 | 44.8 | 42.8 | 1.98 | 22.615 | |
| 600.0 | 600.0 | 593.7 | 592.4 | 1.2 | 1.3 | 158.70 | -52.1 | 20.3 | 56.5 | 54.0 | 2.43 | 23.191 | |
| 700.0 | 700.0 | 690.6 | 688.2 | 1.4 | 1.6 | -3.82 | -66.8 | 22.8 | 69.9 | 67.0 | 2.86 | 24.435 | |
| 800.0 | 799.8 | 787.1 | 783.0 | 1.6 | 2.0 | -1.99 | -84.6 | 25.8 | 83.2 | 79.9 | 3.27 | 25.428 | |
| 900.0 | 899.5 | 883.2 | 876.8 | 1.8 | 2.4 | -0.49 | -105.5 | 29.3 | 96.5 | 92.8 | 3.70 | 26.048 | |
| 1,000.0 | 998.7 | 978.9 | 969.4 | 2.1 | 2.8 | 0.80 | -129.3 | 33.3 | 109.6 | 105.5 | 4.15 | 26.405 | |
| 1,100.0 | 1,097.5 | 1,075.1 | 1,061.6 | 2.4 | 3.4 | 1.96 | -156.2 | 37.8 | 122.6 | 118.0 | 4.62 | 26.535 | |
| 1,200.0 | 1,195.6 | 1,174.5 | 1,156.6 | 2.7 | 3.9 | 3.02 | -184.9 | 42.7 | 133.1 | 128.0 | 5.11 | 26.066 | |
| 1,300.0 | 1,293.2 | 1,274.2 | 1,251.9 | 3.1 | 4.5 | 4.00 | -213.7 | 47.5 | 141.0 | 135.4 | 5.62 | 25.085 | |
| 1,400.0 | 1,390.8 | 1,373.9 | 1,347.2 | 3.5 | 5.1 | 4.89 | -242.6 | 52.4 | 148.8 | 142.6 | 6.15 | 24.196 | |
| 1,500.0 | 1,488.4 | 1,473.5 | 1,442.5 | 3.9 | 5.7 | 5.68 | -271.4 | 57.2 | 156.6 | 149.9 | 6.69 | 23.398 | |
| 1,600.0 | 1,586.0 | 1,573.2 | 1,537.8 | 4.3 | 6.3 | 6.40 | -300.2 | 62.0 | 164.4 | 157.2 | 7.24 | 22.703 | |
| 1,700.0 | 1,683.6 | 1,672.9 | 1,633.1 | 4.8 | 6.9 | 7.06 | -329.0 | 66.9 | 172.3 | 164.5 | 7.80 | 22.089 | |
| 1,800.0 | 1,781.2 | 1,772.5 | 1,728.4 | 5.2 | 7.5 | 7.66 | -357.8 | 71.7 | 180.2 | 171.8 | 8.36 | 21.544 | |
| 1,900.0 | 1,878.8 | 1,872.2 | 1,823.7 | 5.7 | 8.1 | 8.21 | -386.6 | 76.6 | 188.1 | 179.2 | 8.93 | 21.057 | |
| 2,000.0 | 1,976.3 | 1,971.9 | 1,919.0 | 6.2 | 8.7 | 8.71 | -415.4 | 81.4 | 196.0 | 186.5 | 9.51 | 20.619 | |
| 2,100.0 | 2,073.9 | 2,071.6 | 2,014.3 | 6.6 | 9.3 | 9.17 | -444.2 | 86.3 | 204.0 | 193.9 | 10.09 | 20.224 | |
| 2,200.0 | 2,171.5 | 2,171.2 | 2,109.6 | 7.1 | 9.9 | 9.60 | -473.0 | 91.1 | 211.9 | 201.2 | 10.67 | 19.865 | |
| 2,300.0 | 2,269.1 | 2,270.9 | 2,204.9 | 7.5 | 10.5 | 10.00 | -501.8 | 96.0 | 219.9 | 208.6 | 11.25 | 19.539 | |
| 2,400.0 | 2,366.7 | 2,370.6 | 2,300.2 | 8.0 | 11.1 | 10.37 | -530.7 | 100.8 | 227.8 | 216.0 | 11.84 | 19.240 | |
| 2,500.0 | 2,464.3 | 2,470.2 | 2,395.5 | 8.5 | 11.7 | 10.72 | -559.5 | 105.6 | 235.8 | 223.4 | 12.43 | 18.966 | |
| 2,600.0 | 2,561.9 | 2,569.9 | 2,490.7 | 9.0 | 12.3 | 11.04 | -588.3 | 110.5 | 243.8 | 230.8 | 13.03 | 18.713 | |
| 2,700.0 | 2,659.4 | 2,669.6 | 2,586.0 | 9.4 | 12.9 | 11.35 | -617.1 | 115.3 | 251.8 | 238.2 | 13.63 | 18.480 | |
| 2,800.0 | 2,757.0 | 2,769.3 | 2,681.3 | 9.9 | 13.5 | 11.63 | -645.9 | 120.2 | 259.8 | 245.6 | 14.22 | 18.264 | |
| 2,900.0 | 2,854.6 | 2,868.9 | 2,776.6 | 10.4 | 14.1 | 11.90 | -674.7 | 125.0 | 267.8 | 253.0 | 14.83 | 18.063 | |
| 3,000.0 | 2,952.2 | 2,968.6 | 2,871.9 | 10.8 | 14.7 | 12.15 | -703.5 | 129.9 | 275.8 | 260.4 | 15.43 | 17.876 | |
| 3,100.0 | 3,049.8 | 3,068.3 | 2,967.2 | 11.3 | 15.3 | 12.39 | -732.3 | 134.7 | 283.8 | 267.8 | 16.03 | 17.701 | |
| 3,200.0 | 3,147.4 | 3,167.9 | 3,062.5 | 11.8 | 15.9 | 12.61 | -761.1 | 139.6 | 291.8 | 275.2 | 16.64 | 17.538 | |
| 3,300.0 | 3,245.0 | 3,267.6 | 3,157.8 | 12.3 | 16.5 | 12.82 | -789.9 | 144.4 | 299.9 | 282.6 | 17.25 | 17.385 | |
| 3,400.0 | 3,342.5 | 3,367.3 | 3,253.1 | 12.7 | 17.2 | 13.02 | -818.7 | 149.3 | 307.9 | 290.0 | 17.86 | 17.241 | |
| 3,500.0 | 3,440.1 | 3,467.0 | 3,348.4 | 13.2 | 17.8 | 13.21 | -847.6 | 154.1 | 315.9 | 297.5 | 18.47 | 17.106 | |
| 3,600.0 | 3,537.7 | 3,566.6 | 3,443.7 | 13.7 | 18.4 | 13.40 | -876.4 | 158.9 | 324.0 | 304.9 | 19.08 | 16.978 | |
| 3,700.0 | 3,635.3 | 3,666.3 | 3,539.0 | 14.2 | 19.0 | 13.57 | -905.2 | 163.8 | 332.0 | 312.3 | 19.69 | 16.857 | |
| 3,800.0 | 3,732.9 | 3,766.0 | 3,634.3 | 14.6 | 19.6 | 13.73 | -934.0 | 168.6 | 340.0 | 319.7 | 20.31 | 16.744 | |
| 3,900.0 | 3,830.5 | 3,865.6 | 3,729.6 | 15.1 | 20.2 | 13.89 | -962.8 | 173.5 | 348.1 | 327.2 | 20.92 | 16.636 | |
| 4,000.0 | 3,928.0 | 3,965.3 | 3,824.9 | 15.6 | 20.8 | 14.04 | -991.6 | 178.3 | 356.1 | 334.6 | 21.54 | 16.533 | |
| 4,100.0 | 4,025.6 | 4,065.0 | 3,920.2 | 16.1 | 21.4 | 14.18 | -1,020.4 | 183.2 | 364.2 | 342.0 | 22.16 | 16.436 | |
| 4,200.0 | 4,123.2 | 4,164.7 | 4,015.5 | 16.5 | 22.0 | 14.32 | -1,049.2 | 188.0 | 372.2 | 349.5 | 22.78 | 16.344 | |
| 4,300.0 | 4,220.8 | 4,264.3 | 4,110.7 | 17.0 | 22.6 | 14.45 | -1,078.0 | 192.9 | 380.3 | 356.9 | 23.39 | 16.256 | |
| 4,400.0 | 4,318.4 | 4,364.0 | 4,206.0 | 17.5 | 23.2 | 14.58 | -1,106.8 | 197.7 | 388.3 | 364.3 | 24.01 | 16.172 | |
| 4,500.0 | 4,416.0 | 4,463.7 | 4,301.3 | 18.0 | 23.8 | 14.70 | -1,135.7 | 202.5 | 396.4 | 371.8 | 24.63 | 16.092 | |
| 4,600.0 | 4,513.6 | 4,563.4 | 4,396.6 | 18.5 | 24.4 | 14.81 | -1,164.5 | 207.4 | 404.4 | 379.2 | 25.25 | 16.015 | |
| 4,700.0 | 4,611.1 | 4,663.0 | 4,491.9 | 18.9 | 25.0 | 14.93 | -1,193.3 | 212.2 | 412.5 | 386.6 | 25.88 | 15.942 | |
| 4,800.0 | 4,708.7 | 4,762.7 | 4,587.2 | 19.4 | 25.6 | 15.03 | -1,222.1 | 217.1 | 420.6 | 394.1 | 26.50 | 15.872 | |
| 4,900.0 | 4,806.3 | 4,862.4 | 4,682.5 | 19.9 | 26.2 | 15.14 | -1,250.9 | 221.9 | 428.6 | 401.5 | 27.12 | 15.805 | |
| 5,000.0 | 4,903.9 | 4,962.0 | 4,777.8 | 20.4 | 26.8 | 15.24 | -1,279.7 | 226.8 | 436.7 | 409.0 | 27.74 | 15.741 | |
| 5,100.0 | 5,001.5 | 5,061.7 | 4,873.1 | 20.8 | 27.4 | 15.33 | -1,308.5 | 231.6 | 444.8 | 416.4 | 28.37 | 15.679 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser H-10HC - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,200.0 | 5,099.1 | 5,161.4 | 4,968.4 | 21.3 | 28.0 | 15.42 | -1,337.3 | 236.5 | 452.8 | 423.8 | 28.99 | 15.620 | |
| 5,300.0 | 5,196.7 | 5,261.1 | 5,063.7 | 21.8 | 28.7 | 15.51 | -1,366.1 | 241.3 | 460.9 | 431.3 | 29.61 | 15.563 | |
| 5,400.0 | 5,294.2 | 5,360.7 | 5,159.0 | 22.3 | 29.3 | 15.60 | -1,394.9 | 246.2 | 469.0 | 438.7 | 30.24 | 15.508 | |
| 5,500.0 | 5,391.8 | 5,460.4 | 5,254.3 | 22.8 | 29.9 | 15.68 | -1,423.8 | 251.0 | 477.0 | 446.2 | 30.86 | 15.456 | |
| 5,600.0 | 5,489.4 | 5,560.1 | 5,349.6 | 23.2 | 30.5 | 15.76 | -1,452.6 | 255.8 | 485.1 | 453.6 | 31.49 | 15.405 | |
| 5,700.0 | 5,587.0 | 5,659.7 | 5,444.9 | 23.7 | 31.1 | 15.84 | -1,481.4 | 260.7 | 493.2 | 461.1 | 32.12 | 15.356 | |
| 5,800.0 | 5,684.6 | 5,759.4 | 5,540.2 | 24.2 | 31.7 | 15.91 | -1,510.2 | 265.5 | 501.2 | 468.5 | 32.74 | 15.309 | |
| 5,900.0 | 5,782.2 | 5,859.1 | 5,635.4 | 24.7 | 32.3 | 15.99 | -1,539.0 | 270.4 | 509.3 | 475.9 | 33.37 | 15.263 | |
| 6,000.0 | 5,879.8 | 5,958.8 | 5,730.7 | 25.1 | 32.9 | 16.06 | -1,567.8 | 275.2 | 517.4 | 483.4 | 34.00 | 15.219 | |
| 6,100.0 | 5,977.3 | 6,058.4 | 5,826.0 | 25.6 | 33.5 | 16.13 | -1,596.6 | 280.1 | 525.5 | 490.8 | 34.62 | 15.177 | |
| 6,200.0 | 6,074.9 | 6,158.1 | 5,921.3 | 26.1 | 34.1 | 16.19 | -1,625.4 | 284.9 | 533.5 | 498.3 | 35.25 | 15.136 | |
| 6,300.0 | 6,172.5 | 6,257.8 | 6,016.6 | 26.6 | 34.7 | 16.26 | -1,654.2 | 289.8 | 541.6 | 505.7 | 35.88 | 15.096 | |
| 6,400.0 | 6,270.1 | 6,357.4 | 6,111.9 | 27.1 | 35.3 | 16.32 | -1,683.0 | 294.6 | 549.7 | 513.2 | 36.51 | 15.057 | |
| 6,500.0 | 6,367.7 | 6,457.1 | 6,207.2 | 27.5 | 35.9 | 16.38 | -1,711.9 | 299.4 | 557.8 | 520.6 | 37.13 | 15.020 | |
| 6,600.0 | 6,465.3 | 6,556.8 | 6,302.5 | 28.0 | 36.5 | 16.44 | -1,740.7 | 304.3 | 565.8 | 528.1 | 37.76 | 14.984 | |
| 6,700.0 | 6,562.9 | 6,656.5 | 6,397.8 | 28.5 | 37.1 | 8.35 | -1,769.5 | 309.1 | 573.9 | 535.5 | 38.42 | 14.937 | |
| 6,800.0 | 6,660.3 | 6,755.2 | 6,492.2 | 28.8 | 37.7 | -37.28 | -1,798.0 | 313.9 | 582.2 | 543.3 | 38.84 | 14.989 | |
| 6,900.0 | 6,754.8 | 6,849.8 | 6,582.7 | 29.1 | 38.3 | -60.68 | -1,825.4 | 318.5 | 591.6 | 552.8 | 38.77 | 15.258 | |
| 7,000.0 | 6,842.9 | 6,944.9 | 6,673.7 | 29.2 | 38.9 | -72.94 | -1,852.8 | 321.5 | 604.3 | 565.8 | 38.55 | 15.679 | |
| 7,100.0 | 6,921.3 | 7,060.0 | 6,782.8 | 29.3 | 39.3 | -81.18 | -1,884.6 | 305.3 | 619.9 | 581.6 | 38.38 | 16.154 | |
| 7,200.0 | 6,987.1 | 7,194.1 | 6,902.5 | 29.4 | 39.8 | -87.36 | -1,917.6 | 255.7 | 636.5 | 598.2 | 38.34 | 16.600 | |
| 7,300.0 | 7,038.0 | 7,352.6 | 7,023.4 | 29.4 | 40.1 | -92.19 | -1,948.4 | 158.9 | 651.6 | 613.1 | 38.50 | 16.924 | |
| 7,400.0 | 7,072.0 | 7,536.7 | 7,121.9 | 29.4 | 40.3 | -95.48 | -1,969.3 | 5.9 | 661.9 | 622.5 | 39.33 | 16.828 | |
| 7,500.0 | 7,091.0 | 7,698.2 | 7,163.6 | 29.5 | 40.4 | -96.37 | -1,973.0 | -149.6 | 664.2 | 622.8 | 41.41 | 16.039 | |
| 7,600.0 | 7,105.8 | 7,802.3 | 7,179.9 | 29.6 | 40.5 | -96.45 | -1,972.6 | -252.4 | 664.4 | 620.5 | 43.90 | 15.132 | |
| 7,700.0 | 7,112.1 | 7,909.3 | 7,187.6 | 29.9 | 40.7 | -96.53 | -1,972.2 | -359.1 | 664.5 | 617.6 | 46.91 | 14.166 | |
| 7,800.0 | 7,111.8 | 8,011.7 | 7,187.6 | 30.5 | 41.0 | -96.56 | -1,971.9 | -461.4 | 664.5 | 614.2 | 50.34 | 13.201 | |
| 7,900.0 | 7,110.9 | 8,111.7 | 7,187.1 | 31.4 | 41.4 | -96.58 | -1,971.5 | -561.4 | 664.5 | 610.4 | 54.12 | 12.279 | |
| 8,000.0 | 7,110.1 | 8,211.7 | 7,186.6 | 32.7 | 42.0 | -96.61 | -1,971.2 | -661.4 | 664.5 | 606.3 | 58.19 | 11.420 | |
| 8,100.0 | 7,109.3 | 8,311.7 | 7,186.0 | 34.3 | 42.8 | -96.63 | -1,970.9 | -761.4 | 664.6 | 602.1 | 62.50 | 10.634 | |
| 8,200.0 | 7,108.5 | 8,411.7 | 7,185.5 | 36.2 | 43.8 | -96.65 | -1,970.5 | -861.4 | 664.6 | 597.6 | 66.99 | 9.921 | |
| 8,300.0 | 7,107.7 | 8,511.7 | 7,184.9 | 38.3 | 45.0 | -96.68 | -1,970.2 | -961.4 | 664.6 | 593.0 | 71.64 | 9.278 | |
| 8,400.0 | 7,106.8 | 8,611.7 | 7,184.4 | 40.5 | 46.4 | -96.70 | -1,969.8 | -1,061.4 | 664.6 | 588.2 | 76.41 | 8.699 | |
| 8,500.0 | 7,106.0 | 8,711.7 | 7,183.9 | 42.9 | 48.1 | -96.73 | -1,969.5 | -1,161.4 | 664.7 | 583.4 | 81.28 | 8.177 | |
| 8,600.0 | 7,105.2 | 8,811.7 | 7,183.3 | 45.2 | 49.9 | -96.75 | -1,969.1 | -1,261.4 | 664.7 | 578.4 | 86.24 | 7.708 | |
| 8,700.0 | 7,104.4 | 8,911.7 | 7,182.8 | 47.7 | 51.9 | -96.77 | -1,968.8 | -1,361.4 | 664.7 | 573.4 | 91.27 | 7.283 | |
| 8,800.0 | 7,103.6 | 9,011.7 | 7,182.2 | 50.2 | 54.1 | -96.80 | -1,968.5 | -1,461.4 | 664.7 | 568.4 | 96.36 | 6.899 | |
| 8,900.0 | 7,102.7 | 9,111.7 | 7,181.7 | 52.7 | 56.3 | -96.82 | -1,968.1 | -1,561.4 | 664.8 | 563.3 | 101.50 | 6.549 | |
| 9,000.0 | 7,101.9 | 9,211.7 | 7,181.2 | 55.2 | 58.6 | -96.85 | -1,967.8 | -1,661.4 | 664.8 | 558.1 | 106.68 | 6.231 | |
| 9,100.0 | 7,101.1 | 9,311.7 | 7,180.6 | 57.8 | 60.9 | -96.87 | -1,967.4 | -1,761.4 | 664.8 | 552.9 | 111.90 | 5.941 | |
| 9,200.0 | 7,100.3 | 9,411.7 | 7,180.1 | 60.4 | 63.3 | -96.89 | -1,967.1 | -1,861.4 | 664.8 | 547.7 | 117.16 | 5.675 | |
| 9,300.0 | 7,099.5 | 9,511.7 | 7,179.5 | 63.0 | 65.8 | -96.92 | -1,966.7 | -1,961.4 | 664.9 | 542.4 | 122.44 | 5.430 | |
| 9,400.0 | 7,098.6 | 9,611.7 | 7,179.0 | 65.7 | 68.3 | -96.94 | -1,966.4 | -2,061.4 | 664.9 | 537.1 | 127.75 | 5.205 | |
| 9,500.0 | 7,097.8 | 9,711.7 | 7,178.5 | 68.3 | 70.8 | -96.97 | -1,966.1 | -2,161.4 | 664.9 | 531.8 | 133.08 | 4.996 | |
| 9,600.0 | 7,097.0 | 9,811.7 | 7,177.9 | 71.0 | 73.3 | -96.99 | -1,965.7 | -2,261.4 | 664.9 | 526.5 | 138.42 | 4.804 | |
| 9,700.0 | 7,096.2 | 9,911.7 | 7,177.4 | 73.6 | 75.9 | -97.01 | -1,965.4 | -2,361.4 | 665.0 | 521.2 | 143.79 | 4.625 | |
| 9,800.0 | 7,095.4 | 10,011.7 | 7,176.8 | 76.3 | 78.5 | -97.04 | -1,965.0 | -2,461.4 | 665.0 | 515.8 | 149.17 | 4.458 | |
| 9,900.0 | 7,094.5 | 10,111.7 | 7,176.3 | 79.0 | 81.1 | -97.06 | -1,964.7 | -2,561.4 | 665.0 | 510.5 | 154.56 | 4.303 | |
| 10,000.0 | 7,093.7 | 10,211.7 | 7,175.7 | 81.7 | 83.7 | -97.09 | -1,964.3 | -2,661.4 | 665.0 | 505.1 | 159.96 | 4.157 | |
| 10,100.0 | 7,092.9 | 10,311.7 | 7,175.2 | 84.4 | 86.4 | -97.11 | -1,964.0 | -2,761.4 | 665.1 | 499.7 | 165.38 | 4.022 | |
| 10,200.0 | 7,092.1 | 10,411.7 | 7,174.7 | 87.1 | 89.0 | -97.13 | -1,963.7 | -2,861.4 | 665.1 | 494.3 | 170.80 | 3.894 | |
| 10,300.0 | 7,091.3 | 10,511.7 | 7,174.1 | 89.9 | 91.7 | -97.16 | -1,963.3 | -2,961.4 | 665.1 | 488.9 | 176.23 | 3.774 | |

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

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 10-D Pad Sec.10-T6N-R65W - Kaiser H-10HC - Wellbore #1 - Plan #1 (4-14-14)

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10,400.0 | 7,090.4 | 10,611.7 | 7,173.6 | 92.6 | 94.3 | -97.18 | -1,963.0 | -3,061.4 | 665.1 | 483.5 | 181.67 | 3.661 | |
| 10,500.0 | 7,089.6 | 10,711.7 | 7,173.0 | 95.3 | 97.0 | -97.20 | -1,962.6 | -3,161.3 | 665.2 | 478.0 | 187.12 | 3.555 | |
| 10,600.0 | 7,088.8 | 10,811.7 | 7,172.5 | 98.0 | 99.7 | -97.23 | -1,962.3 | -3,261.3 | 665.2 | 472.6 | 192.58 | 3.454 | |
| 10,700.0 | 7,088.0 | 10,911.7 | 7,172.0 | 100.8 | 102.4 | -97.25 | -1,961.9 | -3,361.3 | 665.2 | 467.2 | 198.04 | 3.359 | |
| 10,800.0 | 7,087.2 | 11,011.7 | 7,171.4 | 103.5 | 105.1 | -97.28 | -1,961.6 | -3,461.3 | 665.2 | 461.7 | 203.50 | 3.269 | |
| 10,900.0 | 7,086.3 | 11,111.7 | 7,170.9 | 106.3 | 107.8 | -97.30 | -1,961.3 | -3,561.3 | 665.3 | 456.3 | 208.97 | 3.184 | |
| 11,000.0 | 7,085.5 | 11,211.7 | 7,170.3 | 109.0 | 110.5 | -97.32 | -1,960.9 | -3,661.3 | 665.3 | 450.9 | 214.45 | 3.102 | |
| 11,100.0 | 7,084.7 | 11,311.7 | 7,169.8 | 111.8 | 113.2 | -97.35 | -1,960.6 | -3,761.3 | 665.3 | 445.4 | 219.92 | 3.025 | |
| 11,200.0 | 7,083.9 | 11,411.7 | 7,169.3 | 114.5 | 115.9 | -97.37 | -1,960.2 | -3,861.3 | 665.4 | 439.9 | 225.41 | 2.952 | |
| 11,300.0 | 7,083.1 | 11,511.7 | 7,168.7 | 117.3 | 118.6 | -97.40 | -1,959.9 | -3,961.3 | 665.4 | 434.5 | 230.89 | 2.882 | |
| 11,400.0 | 7,082.2 | 11,611.7 | 7,168.2 | 120.0 | 121.4 | -97.42 | -1,959.5 | -4,061.3 | 665.4 | 429.0 | 236.38 | 2.815 | |
| 11,500.0 | 7,081.4 | 11,711.7 | 7,167.6 | 122.8 | 124.1 | -97.44 | -1,959.2 | -4,161.3 | 665.4 | 423.6 | 241.87 | 2.751 | |
| 11,600.0 | 7,080.6 | 11,811.7 | 7,167.1 | 125.6 | 126.8 | -97.47 | -1,958.8 | -4,261.3 | 665.5 | 418.1 | 247.37 | 2.690 | |
| 11,700.0 | 7,079.8 | 11,911.7 | 7,166.5 | 128.3 | 129.6 | -97.49 | -1,958.5 | -4,361.3 | 665.5 | 412.6 | 252.87 | 2.632 | |
| 11,794.3 | 7,079.0 | 12,005.9 | 7,166.0 | 130.9 | 132.1 | -97.51 | -1,958.2 | -4,455.6 | 665.5 | 407.5 | 257.99 | 2.580 | SF |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 17-10 Pad Sec.10-T6N-R65W - Kaiser 17-10 - Wellbore #1 - Wellbore #1 — **Offset Site Error:** 0.0 ft

**Survey Program:** 159-MWD — **Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -125.74 | -197.1 | -273.9 | 338.0 | | | | |
| 100.0 | 100.0 | 83.1 | 83.1 | 0.1 | 0.1 | -125.66 | -196.6 | -273.9 | 337.1 | 336.9 | 0.21 | 1,627.770 | |
| 200.0 | 200.0 | 184.9 | 184.9 | 0.3 | 0.2 | -125.39 | -194.5 | -273.9 | 336.0 | 335.4 | 0.57 | 587.647 | |
| 300.0 | 300.0 | 282.6 | 282.6 | 0.6 | 0.4 | -125.17 | -192.9 | -273.8 | 334.9 | 333.9 | 1.00 | 336.127 | |
| 352.7 | 352.7 | 333.2 | 333.2 | 0.7 | 0.5 | -125.15 | -192.7 | -273.7 | 334.8 | 333.5 | 1.22 | 274.943 | |
| 400.0 | 400.0 | 380.2 | 380.1 | 0.8 | 0.6 | -125.17 | -192.9 | -273.7 | 334.8 | 333.4 | 1.42 | 235.510 | |
| 500.0 | 500.0 | 480.1 | 480.1 | 1.0 | 0.8 | -125.23 | -193.2 | -273.6 | 334.9 | 333.1 | 1.86 | 180.320 | |
| 600.0 | 600.0 | 581.4 | 581.4 | 1.2 | 1.1 | -125.32 | -193.7 | -273.3 | 335.0 | 332.7 | 2.30 | 145.748 | |
| 700.0 | 700.0 | 681.7 | 681.7 | 1.4 | 1.3 | 69.96 | -194.0 | -272.5 | 333.9 | 331.2 | 2.71 | 123.125 | |
| 800.0 | 799.8 | 774.4 | 774.3 | 1.6 | 1.5 | 70.55 | -195.2 | -272.2 | 332.7 | 329.6 | 3.09 | 107.586 | |
| 829.4 | 829.2 | 801.0 | 800.9 | 1.7 | 1.5 | 70.80 | -195.9 | -272.4 | 332.6 | 329.4 | 3.21 | 103.663 | CC, ES |
| 900.0 | 899.5 | 863.8 | 863.7 | 1.8 | 1.7 | 71.54 | -198.2 | -273.8 | 333.1 | 329.6 | 3.49 | 95.538 | |
| 1,000.0 | 998.7 | 955.3 | 955.0 | 2.1 | 1.9 | 73.02 | -202.7 | -277.6 | 335.6 | 331.7 | 3.92 | 85.630 | |
| 1,100.0 | 1,097.5 | 1,045.1 | 1,044.4 | 2.4 | 2.1 | 74.87 | -208.4 | -282.9 | 339.7 | 335.3 | 4.40 | 77.244 | |
| 1,200.0 | 1,195.6 | 1,133.9 | 1,132.7 | 2.7 | 2.3 | 77.00 | -215.9 | -290.3 | 346.5 | 341.6 | 4.93 | 70.258 | |
| 1,300.0 | 1,293.2 | 1,223.4 | 1,221.2 | 3.1 | 2.5 | 79.40 | -225.0 | -299.5 | 356.0 | 350.5 | 5.53 | 64.362 | |
| 1,400.0 | 1,390.8 | 1,311.0 | 1,307.6 | 3.5 | 2.8 | 81.67 | -235.0 | -310.5 | 368.7 | 362.5 | 6.16 | 59.825 | |
| 1,500.0 | 1,488.4 | 1,399.6 | 1,394.3 | 3.9 | 3.1 | 83.74 | -246.5 | -323.8 | 384.9 | 378.1 | 6.83 | 56.394 | |
| 1,600.0 | 1,586.0 | 1,492.1 | 1,484.6 | 4.3 | 3.5 | 85.52 | -260.3 | -338.4 | 403.2 | 395.7 | 7.53 | 53.578 | |
| 1,700.0 | 1,683.6 | 1,581.0 | 1,570.9 | 4.8 | 3.9 | 86.90 | -275.2 | -353.4 | 423.3 | 415.0 | 8.24 | 51.370 | |
| 1,800.0 | 1,781.2 | 1,668.4 | 1,655.1 | 5.2 | 4.3 | 87.97 | -291.8 | -369.9 | 446.1 | 437.1 | 8.97 | 49.707 | |
| 1,900.0 | 1,878.8 | 1,766.5 | 1,749.5 | 5.7 | 4.8 | 88.98 | -311.1 | -388.9 | 469.8 | 460.1 | 9.75 | 48.164 | |
| 2,000.0 | 1,976.3 | 1,869.4 | 1,848.5 | 6.2 | 5.2 | 89.85 | -331.9 | -407.9 | 492.9 | 482.3 | 10.54 | 46.758 | |
| 2,100.0 | 2,073.9 | 1,967.4 | 1,943.1 | 6.6 | 5.7 | 90.73 | -350.4 | -425.2 | 515.0 | 503.7 | 11.31 | 45.549 | |
| 2,200.0 | 2,171.5 | 2,060.6 | 2,033.1 | 7.1 | 6.1 | 91.60 | -367.2 | -442.7 | 538.0 | 525.9 | 12.08 | 44.539 | |
| 2,300.0 | 2,269.1 | 2,155.2 | 2,124.4 | 7.5 | 6.5 | 92.41 | -384.4 | -460.6 | 561.4 | 548.5 | 12.88 | 43.589 | |
| 2,400.0 | 2,366.7 | 2,255.1 | 2,220.7 | 8.0 | 7.0 | 93.21 | -402.5 | -480.0 | 585.3 | 571.6 | 13.70 | 42.722 | |
| 2,500.0 | 2,464.3 | 2,349.6 | 2,311.9 | 8.5 | 7.5 | 93.85 | -420.0 | -497.3 | 608.4 | 593.9 | 14.51 | 41.936 | |
| 2,600.0 | 2,561.9 | 2,442.1 | 2,400.8 | 9.0 | 8.0 | 94.41 | -437.7 | -515.6 | 633.0 | 617.7 | 15.31 | 41.334 | |
| 2,700.0 | 2,659.4 | 2,540.9 | 2,496.1 | 9.4 | 8.4 | 95.06 | -455.4 | -534.9 | 657.3 | 641.2 | 16.13 | 40.741 | |
| 2,800.0 | 2,757.0 | 2,638.5 | 2,590.3 | 9.9 | 8.9 | 95.67 | -472.6 | -554.1 | 681.7 | 664.8 | 16.95 | 40.209 | |
| 2,900.0 | 2,854.6 | 2,729.9 | 2,678.4 | 10.4 | 9.4 | 96.19 | -489.0 | -572.0 | 706.2 | 688.4 | 17.77 | 39.745 | |
| 3,000.0 | 2,952.2 | 2,822.2 | 2,767.1 | 10.8 | 9.9 | 96.67 | -505.8 | -591.0 | 731.7 | 713.1 | 18.60 | 39.347 | |
| 3,100.0 | 3,049.8 | 2,918.8 | 2,860.0 | 11.3 | 10.4 | 97.13 | -523.5 | -611.0 | 757.4 | 738.0 | 19.44 | 38.967 | |
| 3,200.0 | 3,147.4 | 3,009.4 | 2,947.1 | 11.8 | 10.8 | 97.57 | -539.5 | -630.1 | 783.4 | 763.2 | 20.25 | 38.680 | |
| 3,300.0 | 3,245.0 | 3,118.3 | 3,051.7 | 12.3 | 11.4 | 98.08 | -558.8 | -653.2 | 809.8 | 788.7 | 21.14 | 38.310 | |
| 3,400.0 | 3,342.5 | 3,218.0 | 3,147.9 | 12.7 | 11.9 | 98.52 | -576.1 | -672.7 | 834.3 | 812.4 | 21.99 | 37.944 | |
| 3,500.0 | 3,440.1 | 3,312.5 | 3,239.0 | 13.2 | 12.4 | 98.88 | -593.1 | -691.3 | 859.2 | 836.4 | 22.83 | 37.636 | |
| 3,600.0 | 3,537.7 | 3,432.6 | 3,355.2 | 13.7 | 13.0 | 99.37 | -613.8 | -713.9 | 883.2 | 859.4 | 23.75 | 37.189 | |
| 3,700.0 | 3,635.3 | 3,540.2 | 3,459.8 | 14.2 | 13.5 | 99.84 | -631.2 | -731.8 | 905.0 | 880.3 | 24.60 | 36.780 | |
| 3,800.0 | 3,732.9 | 3,633.5 | 3,550.6 | 14.6 | 13.9 | 100.25 | -646.0 | -747.1 | 926.5 | 901.1 | 25.42 | 36.454 | |
| 3,900.0 | 3,830.5 | 3,725.5 | 3,640.2 | 15.1 | 14.3 | 100.67 | -660.0 | -763.1 | 948.9 | 922.7 | 26.23 | 36.183 | |
| 4,000.0 | 3,928.0 | 3,830.3 | 3,742.3 | 15.6 | 14.8 | 101.14 | -675.9 | -780.3 | 970.6 | 943.5 | 27.08 | 35.840 | |
| 4,100.0 | 4,025.6 | 3,912.6 | 3,822.3 | 16.1 | 15.1 | 101.47 | -688.6 | -794.7 | 993.2 | 965.4 | 27.86 | 35.649 | |
| 7,500.0 | 7,091.0 | 7,208.5 | 7,095.8 | 29.5 | 22.1 | 76.98 | -814.1 | -956.3 | 939.8 | 901.6 | 38.21 | 24.600 | |
| 7,600.0 | 7,105.8 | 7,222.4 | 7,109.8 | 29.6 | 22.1 | 84.08 | -814.4 | -956.1 | 857.1 | 816.5 | 40.54 | 21.140 | |
| 7,700.0 | 7,112.1 | 7,227.1 | 7,114.4 | 29.9 | 22.2 | 91.14 | -814.4 | -956.0 | 777.7 | 734.9 | 42.81 | 18.168 | |
| 7,800.0 | 7,111.8 | 7,224.4 | 7,111.8 | 30.5 | 22.2 | 92.72 | -814.4 | -956.0 | 703.6 | 658.9 | 44.70 | 15.739 | |
| 7,900.0 | 7,110.9 | 7,221.4 | 7,108.7 | 31.4 | 22.1 | 92.37 | -814.3 | -956.1 | 636.6 | 590.0 | 46.64 | 13.649 | |
| 8,000.0 | 7,110.1 | 7,218.4 | 7,105.7 | 32.7 | 22.1 | 92.02 | -814.3 | -956.2 | 579.2 | 530.5 | 48.72 | 11.889 | |
| 8,100.0 | 7,109.3 | 7,215.4 | 7,102.7 | 34.3 | 22.1 | 91.68 | -814.2 | -956.2 | 534.5 | 483.6 | 50.91 | 10.500 | |
| 8,200.0 | 7,108.5 | 7,212.4 | 7,099.8 | 36.2 | 22.1 | 91.34 | -814.2 | -956.3 | 505.8 | 452.7 | 53.18 | 9.511 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 17-10 Pad Sec.10-T6N-R65W - Kaiser 17-10 - Wellbore #1 - Wellbore #1

**Offset Site Error:** 0.0 ft

**Survey Program:** 159-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,299.2 | 7,107.7 | 7,209.6 | 7,096.9 | 38.3 | 22.1 | 91.01 | -814.1 | -956.3 | 496.0 | 440.5 | 55.51 | 8.935 | |
| 8,300.0 | 7,107.7 | 7,209.5 | 7,096.9 | 38.3 | 22.1 | 91.01 | -814.1 | -956.3 | 496.0 | 440.5 | 55.53 | 8.932 | |
| 8,400.0 | 7,106.8 | 7,206.7 | 7,094.0 | 40.5 | 22.1 | 90.68 | -814.1 | -956.4 | 506.2 | 448.2 | 57.94 | 8.736 SF | |
| 8,500.0 | 7,106.0 | 7,203.9 | 7,091.2 | 42.9 | 22.1 | 90.35 | -814.0 | -956.4 | 535.1 | 474.7 | 60.40 | 8.860 | |
| 8,600.0 | 7,105.2 | 7,201.1 | 7,088.4 | 45.2 | 22.1 | 90.03 | -814.0 | -956.5 | 580.1 | 517.2 | 62.89 | 9.223 | |
| 8,700.0 | 7,104.4 | 7,198.4 | 7,085.7 | 47.7 | 22.1 | 89.72 | -813.9 | -956.5 | 637.6 | 572.2 | 65.42 | 9.747 | |
| 8,800.0 | 7,103.6 | 7,195.7 | 7,083.0 | 50.2 | 22.1 | 89.40 | -813.9 | -956.6 | 704.7 | 636.8 | 67.97 | 10.368 | |
| 8,900.0 | 7,102.7 | 7,193.0 | 7,080.3 | 52.7 | 22.1 | 89.10 | -813.8 | -956.6 | 778.9 | 708.4 | 70.55 | 11.041 | |
| 9,000.0 | 7,101.9 | 7,190.4 | 7,077.7 | 55.2 | 22.1 | 88.79 | -813.8 | -956.7 | 858.4 | 785.2 | 73.15 | 11.735 | |
| 9,100.0 | 7,101.1 | 7,187.8 | 7,075.1 | 57.8 | 22.1 | 88.49 | -813.8 | -956.7 | 941.7 | 866.0 | 75.76 | 12.431 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 17-10 Pad Sec.10-T6N-R65W - KAISER 41-10 (EXISTING) - Wellbore #1 - EXISTING

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -126.51 | -199.3 | -269.2 | 335.5 | | | | |
| 100.0 | 100.0 | 80.5 | 80.5 | 0.1 | 0.1 | -126.51 | -199.3 | -269.2 | 334.9 | 334.7 | 0.20 | 1,650.753 | |
| 200.0 | 200.0 | 180.5 | 180.5 | 0.3 | 0.3 | -126.51 | -199.3 | -269.2 | 334.9 | 334.3 | 0.63 | 531.227 | |
| 300.0 | 300.0 | 280.5 | 280.5 | 0.6 | 0.5 | -126.51 | -199.3 | -269.2 | 334.9 | 333.8 | 1.08 | 310.113 | |
| 400.0 | 400.0 | 380.5 | 380.5 | 0.8 | 0.7 | -126.51 | -199.3 | -269.2 | 334.9 | 333.4 | 1.53 | 218.970 | |
| 500.0 | 500.0 | 480.5 | 480.5 | 1.0 | 1.0 | -126.51 | -199.3 | -269.2 | 334.9 | 332.9 | 1.98 | 169.232 | |
| 600.0 | 600.0 | 580.5 | 580.5 | 1.2 | 1.2 | -126.51 | -199.3 | -269.2 | 334.9 | 332.5 | 2.43 | 137.908 | |
| 700.0 | 700.0 | 680.5 | 680.5 | 1.4 | 1.4 | 68.88 | -199.3 | -269.2 | 334.3 | 331.4 | 2.85 | 117.252 | |
| 800.0 | 799.8 | 780.3 | 780.3 | 1.6 | 1.6 | 69.75 | -199.3 | -269.2 | 332.4 | 329.2 | 3.26 | 101.984 | |
| 900.0 | 899.5 | 880.0 | 880.0 | 1.8 | 1.9 | 71.22 | -199.3 | -269.2 | 329.5 | 325.8 | 3.69 | 89.295 | |
| 1,000.0 | 998.7 | 979.2 | 979.2 | 2.1 | 2.1 | 73.31 | -199.3 | -269.2 | 325.8 | 321.6 | 4.15 | 78.477 | |
| 1,100.0 | 1,097.5 | 1,078.0 | 1,078.0 | 2.4 | 2.3 | 76.03 | -199.3 | -269.2 | 321.6 | 316.9 | 4.65 | 69.104 | |
| 1,200.0 | 1,195.6 | 1,176.1 | 1,176.1 | 2.7 | 2.5 | 79.39 | -199.3 | -269.2 | 317.5 | 312.3 | 5.21 | 60.951 | |
| 1,300.0 | 1,293.2 | 1,273.7 | 1,273.7 | 3.1 | 2.8 | 83.22 | -199.3 | -269.2 | 314.1 | 308.3 | 5.82 | 54.009 | |
| 1,400.0 | 1,390.8 | 1,371.3 | 1,371.3 | 3.5 | 3.0 | 87.10 | -199.3 | -269.2 | 312.2 | 305.8 | 6.45 | 48.415 | |
| 1,474.0 | 1,463.0 | 1,443.5 | 1,443.5 | 3.8 | 3.1 | 90.00 | -199.3 | -269.2 | 311.8 | 304.9 | 6.93 | 45.010 | CC |
| 1,500.0 | 1,488.4 | 1,468.9 | 1,468.9 | 3.9 | 3.2 | 91.02 | -199.3 | -269.2 | 311.9 | 304.8 | 7.09 | 43.954 | ES |
| 1,600.0 | 1,586.0 | 1,566.5 | 1,566.5 | 4.3 | 3.4 | 94.92 | -199.3 | -269.2 | 313.0 | 305.3 | 7.75 | 40.414 | |
| 1,700.0 | 1,683.6 | 1,664.1 | 1,664.1 | 4.8 | 3.6 | 98.78 | -199.3 | -269.2 | 315.7 | 307.3 | 8.39 | 37.617 | |
| 1,800.0 | 1,781.2 | 1,761.7 | 1,761.7 | 5.2 | 3.8 | 102.56 | -199.3 | -269.2 | 319.8 | 310.8 | 9.03 | 35.419 | |
| 1,900.0 | 1,878.8 | 1,859.3 | 1,859.3 | 5.7 | 4.1 | 106.24 | -199.3 | -269.2 | 325.4 | 315.7 | 9.65 | 33.702 | |
| 2,000.0 | 1,976.3 | 1,956.8 | 1,956.8 | 6.2 | 4.3 | 109.78 | -199.3 | -269.2 | 332.3 | 322.0 | 10.26 | 32.375 | |
| 2,100.0 | 2,073.9 | 2,054.4 | 2,054.4 | 6.6 | 4.5 | 113.17 | -199.3 | -269.2 | 340.5 | 329.6 | 10.86 | 31.362 | |
| 2,200.0 | 2,171.5 | 2,152.0 | 2,152.0 | 7.1 | 4.7 | 116.40 | -199.3 | -269.2 | 349.8 | 338.4 | 11.43 | 30.604 | |
| 2,300.0 | 2,269.1 | 2,249.6 | 2,249.6 | 7.5 | 4.9 | 119.45 | -199.3 | -269.2 | 360.2 | 348.2 | 11.99 | 30.052 | |
| 2,400.0 | 2,366.7 | 2,347.2 | 2,347.2 | 8.0 | 5.2 | 122.34 | -199.3 | -269.2 | 371.7 | 359.1 | 12.53 | 29.666 | |
| 2,500.0 | 2,464.3 | 2,444.8 | 2,444.8 | 8.5 | 5.4 | 125.05 | -199.3 | -269.2 | 384.0 | 370.9 | 13.05 | 29.414 | |
| 2,600.0 | 2,561.9 | 2,542.4 | 2,542.4 | 9.0 | 5.6 | 127.59 | -199.3 | -269.2 | 397.1 | 383.6 | 13.57 | 29.271 | |
| 2,700.0 | 2,659.4 | 2,639.9 | 2,639.9 | 9.4 | 5.8 | 129.97 | -199.3 | -269.2 | 411.0 | 396.9 | 14.07 | 29.215 | SF |
| 2,800.0 | 2,757.0 | 2,737.5 | 2,737.5 | 9.9 | 6.0 | 132.19 | -199.3 | -269.2 | 425.6 | 411.0 | 14.56 | 29.228 | |
| 2,900.0 | 2,854.6 | 2,835.1 | 2,835.1 | 10.4 | 6.3 | 134.27 | -199.3 | -269.2 | 440.7 | 425.7 | 15.04 | 29.297 | |
| 3,000.0 | 2,952.2 | 2,932.7 | 2,932.7 | 10.8 | 6.5 | 136.21 | -199.3 | -269.2 | 456.4 | 440.9 | 15.52 | 29.409 | |
| 3,100.0 | 3,049.8 | 3,030.3 | 3,030.3 | 11.3 | 6.7 | 138.02 | -199.3 | -269.2 | 472.6 | 456.6 | 15.99 | 29.556 | |
| 3,200.0 | 3,147.4 | 3,127.9 | 3,127.9 | 11.8 | 6.9 | 139.72 | -199.3 | -269.2 | 489.2 | 472.8 | 16.46 | 29.730 | |
| 3,300.0 | 3,245.0 | 3,225.5 | 3,225.5 | 12.3 | 7.1 | 141.30 | -199.3 | -269.2 | 506.3 | 489.3 | 16.92 | 29.924 | |
| 3,400.0 | 3,342.5 | 3,323.0 | 3,323.0 | 12.7 | 7.4 | 142.78 | -199.3 | -269.2 | 523.6 | 506.3 | 17.38 | 30.133 | |
| 3,500.0 | 3,440.1 | 3,420.6 | 3,420.6 | 13.2 | 7.6 | 144.17 | -199.3 | -269.2 | 541.3 | 523.5 | 17.84 | 30.353 | |
| 3,600.0 | 3,537.7 | 3,518.2 | 3,518.2 | 13.7 | 7.8 | 145.47 | -199.3 | -269.2 | 559.3 | 541.1 | 18.29 | 30.580 | |
| 3,700.0 | 3,635.3 | 3,615.8 | 3,615.8 | 14.2 | 8.0 | 146.69 | -199.3 | -269.2 | 577.6 | 558.9 | 18.75 | 30.813 | |
| 3,800.0 | 3,732.9 | 3,713.4 | 3,713.4 | 14.6 | 8.2 | 147.83 | -199.3 | -269.2 | 596.1 | 576.9 | 19.20 | 31.048 | |
| 3,900.0 | 3,830.5 | 3,811.0 | 3,811.0 | 15.1 | 8.5 | 148.91 | -199.3 | -269.2 | 614.8 | 595.2 | 19.65 | 31.284 | |
| 4,000.0 | 3,928.0 | 3,908.5 | 3,908.5 | 15.6 | 8.7 | 149.93 | -199.3 | -269.2 | 633.8 | 613.6 | 20.11 | 31.520 | |
| 4,100.0 | 4,025.6 | 4,006.1 | 4,006.1 | 16.1 | 8.9 | 150.88 | -199.3 | -269.2 | 652.9 | 632.3 | 20.56 | 31.753 | |
| 4,200.0 | 4,123.2 | 4,103.7 | 4,103.7 | 16.5 | 9.1 | 151.78 | -199.3 | -269.2 | 672.1 | 651.1 | 21.01 | 31.984 | |
| 4,300.0 | 4,220.8 | 4,201.3 | 4,201.3 | 17.0 | 9.3 | 152.63 | -199.3 | -269.2 | 691.6 | 670.1 | 21.47 | 32.212 | |
| 4,400.0 | 4,318.4 | 4,298.9 | 4,298.9 | 17.5 | 9.6 | 153.44 | -199.3 | -269.2 | 711.1 | 689.2 | 21.92 | 32.436 | |
| 4,500.0 | 4,416.0 | 4,396.5 | 4,396.5 | 18.0 | 9.8 | 154.20 | -199.3 | -269.2 | 730.8 | 708.4 | 22.38 | 32.656 | |
| 4,600.0 | 4,513.6 | 4,494.1 | 4,494.1 | 18.5 | 10.0 | 154.92 | -199.3 | -269.2 | 750.6 | 727.8 | 22.84 | 32.871 | |
| 4,700.0 | 4,611.1 | 4,591.6 | 4,591.6 | 18.9 | 10.2 | 155.61 | -199.3 | -269.2 | 770.5 | 747.3 | 23.29 | 33.082 | |
| 4,800.0 | 4,708.7 | 4,689.2 | 4,689.2 | 19.4 | 10.4 | 156.26 | -199.3 | -269.2 | 790.6 | 766.8 | 23.75 | 33.287 | |
| 4,900.0 | 4,806.3 | 4,786.8 | 4,786.8 | 19.9 | 10.6 | 156.88 | -199.3 | -269.2 | 810.7 | 786.5 | 24.21 | 33.487 | |
| 5,000.0 | 4,903.9 | 4,884.4 | 4,884.4 | 20.4 | 10.9 | 157.47 | -199.3 | -269.2 | 830.9 | 806.2 | 24.67 | 33.683 | |

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

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 17-10 Pad Sec.10-T6N-R65W - KAISER 41-10 (EXISTING) - Wellbore #1 - EXISTING

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,100.0 | 5,001.5 | 4,982.0 | 4,982.0 | 20.8 | 11.1 | 158.03 | -199.3 | -269.2 | 851.2 | 826.1 | 25.13 | 33.873 | |
| 5,200.0 | 5,099.1 | 5,079.6 | 5,079.6 | 21.3 | 11.3 | 158.57 | -199.3 | -269.2 | 871.5 | 846.0 | 25.59 | 34.059 | |
| 5,300.0 | 5,196.7 | 5,177.2 | 5,177.2 | 21.8 | 11.5 | 159.08 | -199.3 | -269.2 | 892.0 | 865.9 | 26.05 | 34.239 | |
| 5,400.0 | 5,294.2 | 5,274.7 | 5,274.7 | 22.3 | 11.7 | 159.56 | -199.3 | -269.2 | 912.5 | 886.0 | 26.51 | 34.415 | |
| 5,500.0 | 5,391.8 | 5,372.3 | 5,372.3 | 22.8 | 12.0 | 160.03 | -199.3 | -269.2 | 933.0 | 906.0 | 26.98 | 34.586 | |
| 5,600.0 | 5,489.4 | 5,469.9 | 5,469.9 | 23.2 | 12.2 | 160.48 | -199.3 | -269.2 | 953.6 | 926.2 | 27.44 | 34.752 | |
| 5,700.0 | 5,587.0 | 5,567.5 | 5,567.5 | 23.7 | 12.4 | 160.91 | -199.3 | -269.2 | 974.3 | 946.4 | 27.91 | 34.913 | |
| 5,800.0 | 5,684.6 | 5,665.1 | 5,665.1 | 24.2 | 12.6 | 161.32 | -199.3 | -269.2 | 995.0 | 966.7 | 28.37 | 35.070 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser 2-10 Pad Sec.10-T6N-R65W - Kaiser 18-10 - Wellbore #1 - Wellbore #1 — **Offset Site Error:** 0.0 ft

**Survey Program:** 130-MWD — **Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10,100.0 | 7,092.9 | 7,167.2 | 7,055.1 | 84.4 | 23.3 | 89.42 | -863.9 | -3,597.9 | 947.7 | 844.2 | 103.48 | 9.158 | |
| 10,200.0 | 7,092.1 | 7,167.5 | 7,055.4 | 87.1 | 23.3 | 89.46 | -863.9 | -3,597.9 | 860.2 | 754.0 | 106.23 | 8.098 | |
| 10,300.0 | 7,091.3 | 7,167.8 | 7,055.7 | 89.9 | 23.3 | 89.50 | -863.9 | -3,597.9 | 775.8 | 666.8 | 108.98 | 7.119 | |
| 10,400.0 | 7,090.4 | 7,168.1 | 7,056.0 | 92.6 | 23.3 | 89.55 | -863.9 | -3,597.9 | 695.5 | 583.8 | 111.73 | 6.225 | |
| 10,500.0 | 7,089.6 | 7,168.4 | 7,056.4 | 95.3 | 23.3 | 89.59 | -863.9 | -3,597.9 | 620.9 | 506.4 | 114.49 | 5.423 | |
| 10,600.0 | 7,088.8 | 7,168.8 | 7,056.7 | 98.0 | 23.3 | 89.63 | -863.9 | -3,597.9 | 554.4 | 437.2 | 117.25 | 4.729 | |
| 10,700.0 | 7,088.0 | 7,169.1 | 7,057.0 | 100.8 | 23.3 | 89.67 | -863.9 | -3,597.9 | 499.3 | 379.2 | 120.02 | 4.160 | |
| 10,800.0 | 7,087.2 | 7,169.4 | 7,057.3 | 103.5 | 23.3 | 89.72 | -863.9 | -3,597.9 | 459.5 | 336.7 | 122.79 | 3.742 | |
| 10,900.0 | 7,086.3 | 7,169.8 | 7,057.7 | 106.3 | 23.3 | 89.76 | -863.9 | -3,597.9 | 439.3 | 313.7 | 125.55 | 3.499 | |
| 10,940.7 | 7,086.0 | 7,169.9 | 7,057.8 | 107.4 | 23.3 | 89.78 | -863.9 | -3,597.9 | 437.4 | 310.7 | 126.68 | 3.453 | CC, ES |
| 11,000.0 | 7,085.5 | 7,170.1 | 7,058.0 | 109.0 | 23.3 | 89.80 | -863.9 | -3,597.9 | 441.4 | 313.1 | 128.33 | 3.439 | SF |
| 11,100.0 | 7,084.7 | 7,170.4 | 7,058.3 | 111.8 | 23.3 | 89.85 | -863.9 | -3,597.9 | 465.5 | 334.4 | 131.10 | 3.550 | |
| 11,200.0 | 7,083.9 | 7,170.8 | 7,058.7 | 114.5 | 23.3 | 89.89 | -863.9 | -3,597.9 | 508.4 | 374.6 | 133.88 | 3.798 | |
| 11,300.0 | 7,083.1 | 7,171.1 | 7,059.0 | 117.3 | 23.3 | 89.94 | -863.9 | -3,597.9 | 566.0 | 429.4 | 136.65 | 4.142 | |
| 11,400.0 | 7,082.2 | 7,171.5 | 7,059.4 | 120.0 | 23.3 | 89.98 | -863.9 | -3,597.9 | 634.2 | 494.8 | 139.43 | 4.548 | |
| 11,500.0 | 7,081.4 | 7,171.8 | 7,059.7 | 122.8 | 23.3 | 90.03 | -863.9 | -3,597.9 | 710.0 | 567.8 | 142.21 | 4.992 | |
| 11,600.0 | 7,080.6 | 7,172.1 | 7,060.1 | 125.6 | 23.3 | 90.07 | -863.9 | -3,597.9 | 791.1 | 646.2 | 145.00 | 5.456 | |
| 11,700.0 | 7,079.8 | 7,172.5 | 7,060.4 | 128.3 | 23.3 | 90.12 | -863.9 | -3,597.9 | 876.2 | 728.4 | 147.78 | 5.929 | |
| 11,794.3 | 7,079.0 | 7,172.8 | 7,060.7 | 130.9 | 23.3 | 90.16 | -863.9 | -3,597.9 | 959.1 | 808.7 | 150.40 | 6.377 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser Pad Sec.10-T6N-R65W - Kaiser 6-10 (Vert.) - Wellbore #1 - Vertical Well

**Offset Site Error:** 0.0 ft

**Survey Program:** 0-MWD

**Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9,300.0 | 7,099.5 | 7,062.0 | 7,062.0 | 63.0 | 15.8 | -90.86 | -1,748.9 | -2,774.0 | 927.6 | 850.1 | 77.42 | 11.981 | |
| 9,400.0 | 7,098.6 | 7,061.1 | 7,061.1 | 65.7 | 15.8 | -90.75 | -1,748.9 | -2,774.0 | 841.2 | 761.1 | 80.11 | 10.500 | |
| 9,500.0 | 7,097.8 | 7,060.3 | 7,060.3 | 68.3 | 15.8 | -90.65 | -1,748.9 | -2,774.0 | 758.2 | 675.4 | 82.82 | 9.155 | |
| 9,600.0 | 7,097.0 | 7,059.5 | 7,059.5 | 71.0 | 15.8 | -90.54 | -1,748.9 | -2,774.0 | 679.7 | 594.2 | 85.53 | 7.948 | |
| 9,700.0 | 7,096.2 | 7,058.7 | 7,058.7 | 73.6 | 15.8 | -90.44 | -1,748.9 | -2,774.0 | 607.7 | 519.4 | 88.25 | 6.886 | |
| 9,800.0 | 7,095.4 | 7,057.9 | 7,057.9 | 76.3 | 15.8 | -90.33 | -1,748.9 | -2,774.0 | 544.5 | 453.5 | 90.97 | 5.986 | |
| 9,900.0 | 7,094.5 | 7,057.0 | 7,057.0 | 79.0 | 15.7 | -90.23 | -1,748.9 | -2,774.0 | 493.7 | 400.0 | 93.70 | 5.269 | |
| 10,000.0 | 7,093.7 | 7,056.2 | 7,056.2 | 81.7 | 15.7 | -90.12 | -1,748.9 | -2,774.0 | 459.3 | 362.8 | 96.44 | 4.762 | |
| 10,100.0 | 7,092.9 | 7,055.4 | 7,055.4 | 84.4 | 15.7 | -90.01 | -1,748.9 | -2,774.0 | 445.2 | 346.0 | 99.18 | 4.488 | |
| 10,113.9 | 7,092.8 | 7,055.3 | 7,055.3 | 84.8 | 15.7 | -90.00 | -1,748.9 | -2,774.0 | 444.9 | 345.4 | 99.56 | 4.469 | CC, ES |
| 10,200.0 | 7,092.1 | 7,054.6 | 7,054.6 | 87.1 | 15.7 | -89.91 | -1,748.9 | -2,774.0 | 453.2 | 351.3 | 101.93 | 4.446 | SF |
| 10,300.0 | 7,091.3 | 7,053.8 | 7,053.8 | 89.9 | 15.7 | -89.80 | -1,748.9 | -2,774.0 | 482.3 | 377.6 | 104.68 | 4.607 | |
| 10,400.0 | 7,090.4 | 7,052.9 | 7,052.9 | 92.6 | 15.7 | -89.70 | -1,748.9 | -2,774.0 | 529.0 | 421.5 | 107.43 | 4.924 | |
| 10,500.0 | 7,089.6 | 7,052.1 | 7,052.1 | 95.3 | 15.7 | -89.59 | -1,748.9 | -2,774.0 | 589.1 | 478.9 | 110.19 | 5.346 | |
| 10,600.0 | 7,088.8 | 7,051.3 | 7,051.3 | 98.0 | 15.7 | -89.49 | -1,748.9 | -2,774.0 | 659.0 | 546.0 | 112.95 | 5.834 | |
| 10,700.0 | 7,088.0 | 7,050.5 | 7,050.5 | 100.8 | 15.7 | -89.38 | -1,748.9 | -2,774.0 | 735.8 | 620.1 | 115.71 | 6.359 | |
| 10,800.0 | 7,087.2 | 7,049.7 | 7,049.7 | 103.5 | 15.7 | -89.28 | -1,748.9 | -2,774.0 | 817.7 | 699.2 | 118.47 | 6.902 | |
| 10,900.0 | 7,086.3 | 7,048.8 | 7,048.8 | 106.3 | 15.7 | -89.17 | -1,748.9 | -2,774.0 | 903.3 | 782.0 | 121.24 | 7.450 | |
| 11,000.0 | 7,085.5 | 7,048.0 | 7,048.0 | 109.0 | 15.7 | -89.06 | -1,748.9 | -2,774.0 | 991.5 | 867.5 | 124.00 | 7.996 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

**Offset Design** Kaiser Pad Sec.10-T6N-R65W - Kaiser 7-10 - Wellbore #1 - Wellbore #1 — **Offset Site Error:** 0.0 ft

**Survey Program:** 126-MWD — **Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,900.0 | 7,110.9 | 7,281.1 | 7,085.0 | 31.4 | 28.8 | -95.54 | -1,503.3 | -1,458.6 | 920.2 | 865.4 | 54.77 | 16.800 | |
| 8,000.0 | 7,110.1 | 7,278.3 | 7,082.1 | 32.7 | 28.8 | -94.71 | -1,503.2 | -1,458.7 | 822.7 | 765.7 | 56.98 | 14.438 | |
| 8,100.0 | 7,109.3 | 7,275.5 | 7,079.3 | 34.3 | 28.8 | -93.89 | -1,503.1 | -1,458.7 | 726.0 | 666.7 | 59.30 | 12.243 | |
| 8,200.0 | 7,108.5 | 7,272.8 | 7,076.6 | 36.2 | 28.7 | -93.09 | -1,503.1 | -1,458.8 | 630.2 | 568.5 | 61.69 | 10.216 | |
| 8,300.0 | 7,107.7 | 7,270.1 | 7,073.9 | 38.3 | 28.7 | -92.31 | -1,503.0 | -1,458.8 | 536.0 | 471.9 | 64.15 | 8.356 | |
| 8,400.0 | 7,106.8 | 7,267.5 | 7,071.3 | 40.5 | 28.7 | -91.54 | -1,502.9 | -1,458.8 | 444.3 | 377.7 | 66.65 | 6.667 | |
| 8,500.0 | 7,106.0 | 7,264.9 | 7,068.7 | 42.9 | 28.7 | -90.78 | -1,502.9 | -1,458.9 | 357.1 | 287.9 | 69.19 | 5.161 | |
| 8,600.0 | 7,105.2 | 7,262.4 | 7,066.2 | 45.2 | 28.7 | -90.04 | -1,502.8 | -1,458.9 | 278.6 | 206.9 | 71.76 | 3.883 | |
| 8,700.0 | 7,104.4 | 7,259.9 | 7,063.7 | 47.7 | 28.7 | -89.31 | -1,502.7 | -1,459.0 | 218.4 | 144.1 | 74.35 | 2.938 | |
| 8,799.7 | 7,103.6 | 7,257.5 | 7,061.3 | 50.2 | 28.7 | -88.60 | -1,502.7 | -1,459.0 | 194.3 | 117.4 | 76.94 | 2.526 | CC |
| 8,800.0 | 7,103.6 | 7,257.5 | 7,061.3 | 50.2 | 28.7 | -88.59 | -1,502.7 | -1,459.0 | 194.3 | 117.4 | 76.95 | 2.525 | ES, SF |
| 8,900.0 | 7,102.7 | 7,255.1 | 7,058.9 | 52.7 | 28.7 | -87.89 | -1,502.6 | -1,459.1 | 218.7 | 139.1 | 79.56 | 2.748 | |
| 9,000.0 | 7,101.9 | 7,252.7 | 7,056.6 | 55.2 | 28.7 | -87.20 | -1,502.6 | -1,459.1 | 279.0 | 196.8 | 82.18 | 3.395 | |
| 9,100.0 | 7,101.1 | 7,250.5 | 7,054.3 | 57.8 | 28.7 | -86.53 | -1,502.5 | -1,459.1 | 357.6 | 272.8 | 84.81 | 4.217 | |
| 9,200.0 | 7,100.3 | 7,248.2 | 7,052.1 | 60.4 | 28.7 | -85.87 | -1,502.5 | -1,459.2 | 444.9 | 357.4 | 87.43 | 5.088 | |
| 9,300.0 | 7,099.5 | 7,246.0 | 7,049.8 | 63.0 | 28.7 | -85.22 | -1,502.4 | -1,459.2 | 536.6 | 446.5 | 90.06 | 5.958 | |
| 9,400.0 | 7,098.6 | 7,243.8 | 7,047.7 | 65.7 | 28.7 | -84.59 | -1,502.4 | -1,459.2 | 630.8 | 538.1 | 92.68 | 6.806 | |
| 9,500.0 | 7,097.8 | 7,241.7 | 7,045.6 | 68.3 | 28.7 | -83.96 | -1,502.3 | -1,459.3 | 726.6 | 631.3 | 95.29 | 7.625 | |
| 9,600.0 | 7,097.0 | 7,239.6 | 7,043.5 | 71.0 | 28.7 | -83.35 | -1,502.3 | -1,459.3 | 823.3 | 725.4 | 97.90 | 8.410 | |
| 9,700.0 | 7,096.2 | 7,237.6 | 7,041.4 | 73.6 | 28.7 | -82.76 | -1,502.2 | -1,459.3 | 920.8 | 820.3 | 100.51 | 9.161 | |

| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

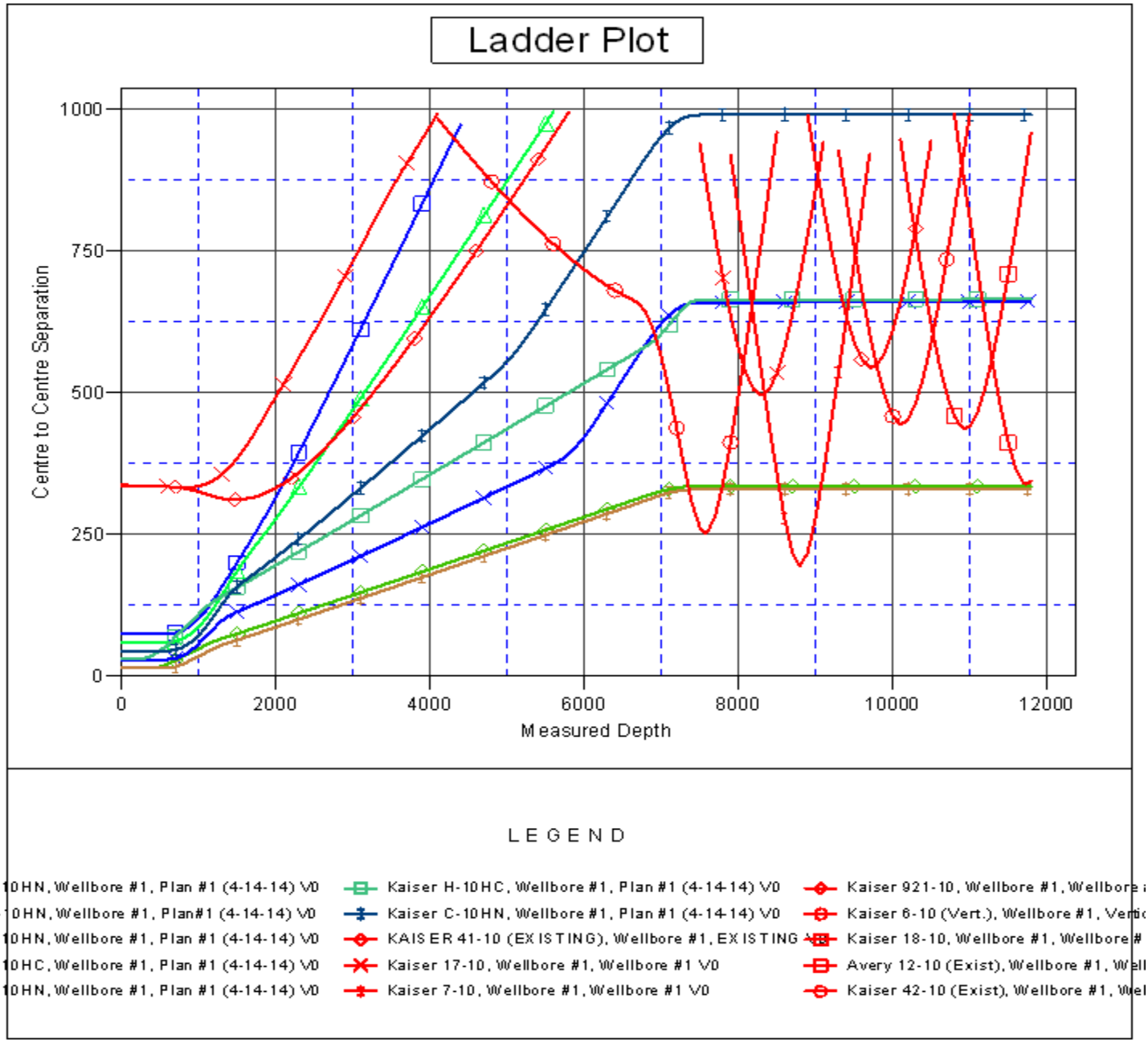
**Offset Design** Kaiser Pad Sec.10-T6N-R65W - Kaiser 921-10 - Wellbore #1 - Wellbore #1 — **Offset Site Error:** 0.0 ft

**Survey Program:** 95-MWD — **Offset Well Error:** 0.0 ft

| Reference Measured Depth (ft) | Reference Vertical Depth (ft) | Offset Measured Depth (ft) | Offset Vertical Depth (ft) | Semi Major Axis Reference (ft) | Semi Major Axis Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,900.0 | 7,102.7 | 7,192.8 | 7,061.1 | 52.7 | 24.1 | 89.96 | -760.0 | -2,383.8 | 990.5 | 921.6 | 68.96 | 14.365 | |
| 9,000.0 | 7,101.9 | 7,191.0 | 7,059.3 | 55.2 | 24.1 | 89.77 | -760.1 | -2,383.8 | 908.7 | 837.1 | 71.58 | 12.696 | |
| 9,100.0 | 7,101.1 | 7,189.1 | 7,057.4 | 57.8 | 24.1 | 89.58 | -760.1 | -2,383.8 | 830.9 | 756.7 | 74.21 | 11.196 | |
| 9,200.0 | 7,100.3 | 7,187.3 | 7,055.6 | 60.4 | 24.1 | 89.38 | -760.2 | -2,383.8 | 758.3 | 681.4 | 76.87 | 9.865 | |
| 9,300.0 | 7,099.5 | 7,185.4 | 7,053.7 | 63.0 | 24.1 | 89.19 | -760.2 | -2,383.9 | 692.5 | 613.0 | 79.53 | 8.707 | |
| 9,400.0 | 7,098.6 | 7,183.6 | 7,051.9 | 65.7 | 24.1 | 88.99 | -760.3 | -2,383.9 | 635.7 | 553.5 | 82.21 | 7.733 | |
| 9,500.0 | 7,097.8 | 7,181.7 | 7,050.0 | 68.3 | 24.1 | 88.79 | -760.3 | -2,383.9 | 590.5 | 505.6 | 84.89 | 6.956 | |
| 9,600.0 | 7,097.0 | 7,179.8 | 7,048.0 | 71.0 | 24.0 | 88.59 | -760.4 | -2,383.9 | 559.7 | 472.1 | 87.58 | 6.391 | |
| 9,700.0 | 7,096.2 | 7,177.8 | 7,046.1 | 73.6 | 24.0 | 88.39 | -760.5 | -2,383.9 | 545.7 | 455.5 | 90.28 | 6.045 | |
| 9,727.2 | 7,096.0 | 7,177.3 | 7,045.6 | 74.4 | 24.0 | 88.33 | -760.5 | -2,384.0 | 545.1 | 454.0 | 91.02 | 5.989 | CC, ES |
| 9,800.0 | 7,095.4 | 7,175.9 | 7,044.2 | 76.3 | 24.0 | 88.18 | -760.5 | -2,384.0 | 549.9 | 456.9 | 92.98 | 5.914 | SF |
| 9,900.0 | 7,094.5 | 7,173.9 | 7,042.2 | 79.0 | 24.0 | 87.97 | -760.6 | -2,384.0 | 571.8 | 476.1 | 95.69 | 5.975 | |
| 10,000.0 | 7,093.7 | 7,171.9 | 7,040.2 | 81.7 | 24.0 | 87.76 | -760.6 | -2,384.0 | 609.5 | 511.1 | 98.41 | 6.193 | |
| 10,100.0 | 7,092.9 | 7,169.9 | 7,038.2 | 84.4 | 24.0 | 87.55 | -760.7 | -2,384.0 | 660.3 | 559.2 | 101.12 | 6.530 | |
| 10,200.0 | 7,092.1 | 7,167.8 | 7,036.1 | 87.1 | 24.0 | 87.34 | -760.7 | -2,384.1 | 721.5 | 617.6 | 103.84 | 6.948 | |
| 10,300.0 | 7,091.3 | 7,165.8 | 7,034.1 | 89.9 | 24.0 | 87.12 | -760.8 | -2,384.1 | 790.6 | 684.0 | 106.56 | 7.419 | |
| 10,400.0 | 7,090.4 | 7,163.7 | 7,032.0 | 92.6 | 24.0 | 86.90 | -760.9 | -2,384.1 | 865.7 | 756.5 | 109.28 | 7.922 | |
| 10,500.0 | 7,089.6 | 7,161.6 | 7,029.9 | 95.3 | 24.0 | 86.68 | -760.9 | -2,384.1 | 945.5 | 833.5 | 112.00 | 8.442 | |

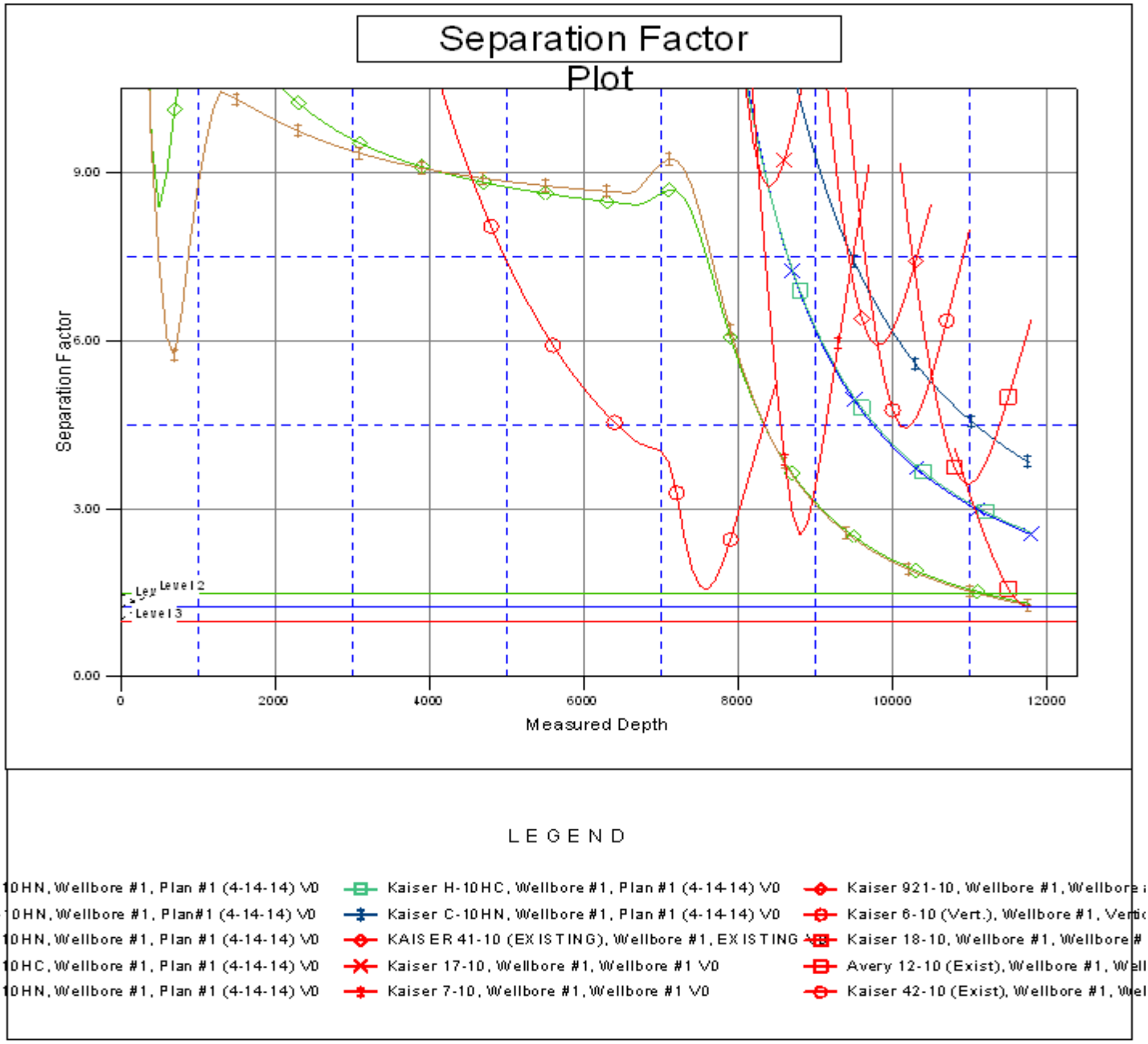
| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

Reference Depths are relative to WELL @ 4823.5ft (Original Well Elev) Coordinates are relative to: Kaiser F-10HN
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: 0.55°



| | | | |
|---|---|---|---|
| **Company:** | Bayswater Exploration & Production, LLC | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Project:** | SEC.10-T6N-R65W | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Reference Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site Error:** | 0.0ft | **North Reference:** | True |
| **Reference Well:** | Kaiser F-10HN | **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 (4-14-14) | **Offset TVD Reference:** | Offset Datum |

Reference Depths are relative to WELL @ 4823.5ft (Original Well Elev) Coordinates are relative to: Kaiser F-10HN
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: 0.55°



| | | | |
|---|---|---|---|
| **Database:** | Landmark | **Local Co-ordinate Reference:** | Well Kaiser F-10HN |
| **Company:** | Bayswater Exploration & Production, LLC | **TVD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Project:** | SEC.10-T6N-R65W | **MD Reference:** | WELL @ 4823.5ft (Original Well Elev) |
| **Site:** | Kaiser 10-D Pad Sec.10-T6N-R65W | **North Reference:** | True |
| **Well:** | Kaiser F-10HN | **Survey Calculation Method:** | Minimum Curvature |
| **Wellbore:** | Wellbore #1 | | |
| **Design:** | Plan#1 (4-14-14) | | |

**Formations**

| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|---|---|---|---|---|---|
| 3,867.2 | 3,798.5 | PARKMAN | | 0.00 | |
| 4,687.0 | 4,598.5 | SUSSEX | | 0.00 | |
| 5,209.7 | 5,108.5 | SHANNON | | 0.00 | |
| 7,062.9 | 6,893.5 | NIOBRARA A TOP | | 0.00 | |
| 7,085.4 | 6,910.5 | NIOBRARA A BASE | | 0.00 | |
| 7,248.0 | 7,013.5 | NIOBRARA B TOP | | 0.00 | |
| 7,306.0 | 7,040.5 | NIOBRARA B BASE | | 0.00 | |
| 7,419.3 | 7,076.5 | NIOBRARA C TOP | | 0.00 | |
| | 7,115.5 | NIOBRARA C BASE | | 0.00 | |
| | 7,158.5 | FORT HAYS | | 0.00 | |
| | 7,192.5 | CODELL | | 0.00 | |

**Plan Annotations**

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates +N/-S (ft) | Local Coordinates +E/-W (ft) | Comment |
|---|---|---|---|---|
| 600.0 | 600.0 | 0.0 | 0.0 | KOP - Start Build 2.00 |
| 6,683.0 | 6,546.3 | -1,216.6 | 328.2 | Start DLS 11.00 TFO 107.07 |
| 7,442.4 | 7,081.0 | -1,313.0 | -103.4 | Start 75.0 hold at 7442.4 MD |
| 7,522.8 | 7,095.0 | -1,312.7 | -182.6 | Start DLS 5.00 TFO -0.10 |
| 11,794.3 | 7,079.0 | -1,298.4 | -4,452.9 | TD at 11794.3 |