

**Well Name: Booth 25-26**

Surface Location: Booth 9 Pad Sec.26-T7N-R65W  
North American Datum 1983 US State Plane 1983 Colorado Northern Zone  
Ground Elevation: 4894.0  
Easting 3242044.45 Latitude 40.551456 Longitude -104.628972 Slot  
Original Well Elev WELL @ 4910.0ft (Original Well Elev)

+N/-S +E/-W  
0.0 0.0

Northing  
1444925.09

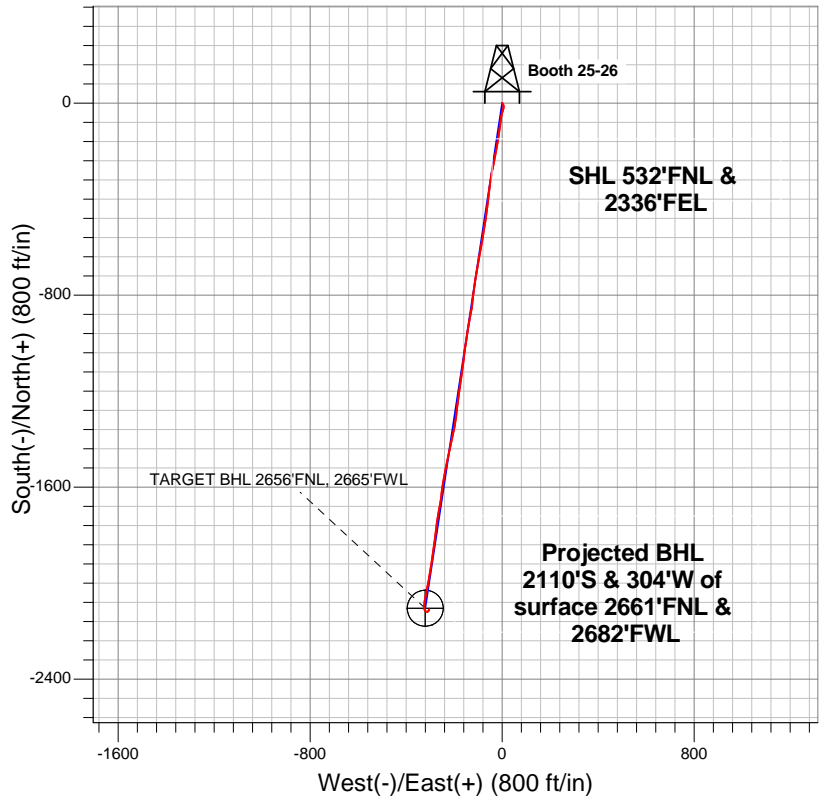
Easting  
3242044.45

Latitude  
40.551456

Longitude  
-104.628972

Slot

**BAYSWATER EXPLORATION & PRODUCTION**



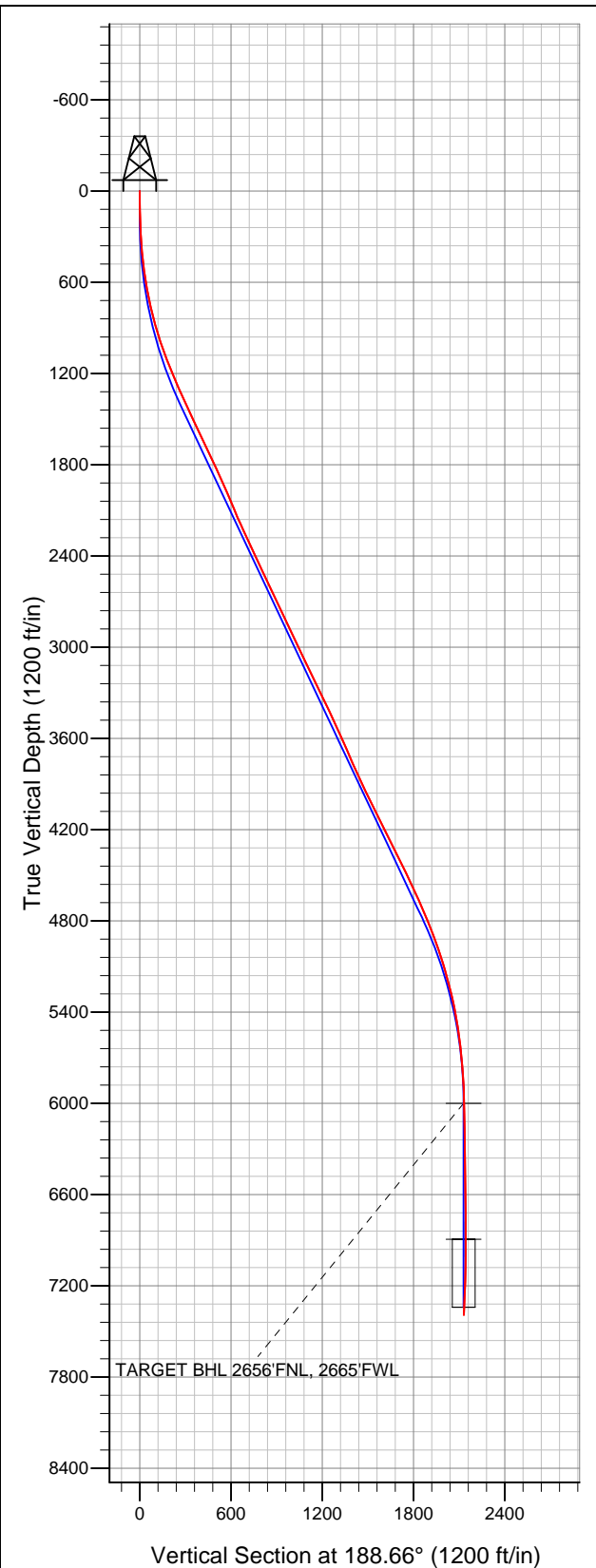
**LEGEND**

- Booth 25-26, Wellbore #1, Plan #1 (10-05-12) R V0
- Wellbore #1
- Survey #1

**Final Survey Plot**

**Projected Final Survey -  
7825'MD & 7392'TVD @ 2131'VS  
2.40 deg Inc 25.40 deg AZ**

Project: SEC.26-T7N-R65W  
Site: Booth 9 Pad Sec.26-T7N-R65W  
Well: Booth 25-26  
Plan: Wellbore #1





**Directional**

# **BAYSWATER EXPLORATION & PRODUCTION**

**SEC.26-T7N-R65W**

**Booth 9 Pad Sec.26-T7N-R65W**

**Booth 25-26**

**Wellbore #1**

**Survey: Survey #1**

## **Standard Survey Report**

**15 October, 2012**

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
	127.0	1.50	137.00	127.0	-1.2	1.1	1.0	1.18	1.18	0.00
	215.0	1.90	155.80	214.9	-3.4	2.5	3.0	0.77	0.45	21.36
	306.0	4.00	156.90	305.8	-7.7	4.4	6.9	2.31	2.31	1.21
	398.0	5.30	177.30	397.5	-14.9	5.8	13.8	2.27	1.41	22.17
	489.0	7.20	195.40	488.0	-24.6	4.5	23.6	2.98	2.09	19.89
	580.0	9.00	199.10	578.1	-36.8	0.7	36.3	2.06	1.98	4.07
	673.0	11.30	189.60	669.6	-52.7	-3.2	52.5	3.05	2.47	-10.22
	770.0	12.60	186.90	764.5	-72.5	-6.1	72.6	1.46	1.34	-2.78
	863.0	15.00	188.90	854.8	-94.5	-9.2	94.8	2.63	2.58	2.15
	957.0	17.10	187.80	945.2	-120.2	-12.9	120.8	2.26	2.23	-1.17
	1,051.0	19.50	188.70	1,034.4	-149.4	-17.2	150.3	2.57	2.55	0.96

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Booth 25-26
<b>Project:</b>	SEC.26-T7N-R65W	<b>TVD Reference:</b>	WELL @ 4910.0ft (Original Well Elev)
<b>Site:</b>	Booth 9 Pad Sec.26-T7N-R65W	<b>MD Reference:</b>	WELL @ 4910.0ft (Original Well Elev)
<b>Well:</b>	Booth 25-26	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	Landmark

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)
1,144.0	21.20	190.10	1,121.6	-181.3	-22.5	182.6	1.90	1.83	1.51
1,238.0	22.60	190.30	1,208.8	-215.8	-28.7	217.7	1.49	1.49	0.21
1,332.0	23.70	190.40	1,295.2	-252.2	-35.3	254.6	1.17	1.17	0.11
1,426.0	24.80	191.10	1,380.9	-290.1	-42.5	293.2	1.21	1.17	0.74
1,519.0	25.30	189.20	1,465.2	-328.9	-49.5	332.6	1.02	0.54	-2.04
1,613.0	25.70	187.30	1,550.0	-368.9	-55.3	373.0	0.97	0.43	-2.02
1,707.0	25.30	185.00	1,634.9	-409.1	-59.6	413.4	1.14	-0.43	-2.45
1,800.0	25.60	187.80	1,718.9	-448.8	-64.1	453.4	1.33	0.32	3.01
1,894.0	24.60	189.20	1,804.0	-488.3	-69.9	493.2	1.24	-1.06	1.49
1,988.0	24.20	189.00	1,889.6	-526.6	-76.1	532.1	0.43	-0.43	-0.21
2,081.0	23.30	189.60	1,974.7	-563.6	-82.1	569.5	1.00	-0.97	0.65
2,175.0	23.00	189.90	2,061.1	-600.0	-88.4	606.5	0.34	-0.32	0.32
2,269.0	23.40	190.40	2,147.5	-636.5	-94.9	643.5	0.47	0.43	0.53
2,362.0	24.50	191.00	2,232.5	-673.5	-101.9	681.2	1.21	1.18	0.65
2,456.0	25.30	188.50	2,317.8	-712.5	-108.6	720.8	1.41	0.85	-2.66
2,550.0	25.50	187.60	2,402.7	-752.5	-114.3	761.1	0.46	0.21	-0.96
2,643.0	24.70	186.90	2,486.9	-791.6	-119.2	800.5	0.92	-0.86	-0.75
2,737.0	25.10	187.10	2,572.2	-830.9	-124.1	840.1	0.43	0.43	0.21
2,831.0	25.40	190.80	2,657.2	-870.5	-130.3	880.2	1.71	0.32	3.94
2,925.0	25.80	190.40	2,742.0	-910.4	-137.8	920.8	0.46	0.43	-0.43
3,018.0	25.00	188.00	2,826.0	-949.8	-144.2	960.6	1.40	-0.86	-2.58
3,112.0	25.10	188.90	2,911.2	-989.1	-150.0	1,000.4	0.42	0.11	0.96
3,206.0	25.90	188.00	2,996.0	-1,029.2	-156.0	1,040.9	0.95	0.85	-0.96
3,299.0	25.50	186.20	3,079.8	-1,069.2	-160.9	1,081.2	0.94	-0.43	-1.94
3,393.0	25.70	187.60	3,164.6	-1,109.5	-165.8	1,121.8	0.68	0.21	1.49
3,487.0	25.90	189.00	3,249.2	-1,150.0	-171.7	1,162.7	0.68	0.21	1.49
3,580.0	25.40	188.20	3,333.0	-1,189.8	-177.8	1,203.0	0.65	-0.54	-0.86
3,674.0	25.90	187.40	3,417.8	-1,230.1	-183.3	1,243.7	0.65	0.53	-0.85
3,768.0	25.00	185.50	3,502.7	-1,270.2	-187.8	1,284.0	1.29	-0.96	-2.02
3,861.0	23.80	188.20	3,587.3	-1,308.4	-192.4	1,322.4	1.76	-1.29	2.90
3,955.0	24.40	190.30	3,673.2	-1,346.2	-198.6	1,360.8	1.11	0.64	2.23
4,049.0	23.70	192.50	3,759.0	-1,383.8	-206.1	1,399.0	1.21	-0.74	2.34
4,143.0	24.00	192.20	3,845.0	-1,420.9	-214.3	1,437.0	0.34	0.32	-0.32
4,236.0	25.10	192.50	3,929.6	-1,458.7	-222.5	1,475.5	1.19	1.18	0.32
4,330.0	26.60	191.80	4,014.2	-1,498.7	-231.1	1,516.4	1.63	1.60	-0.74
4,424.0	26.50	190.60	4,098.2	-1,539.9	-239.3	1,558.4	0.58	-0.11	-1.28
4,517.0	26.70	188.20	4,181.4	-1,581.0	-246.1	1,600.0	1.18	0.22	-2.58
4,611.0	25.60	187.80	4,265.8	-1,622.0	-251.9	1,641.5	1.19	-1.17	-0.43
4,705.0	26.60	189.00	4,350.2	-1,662.9	-257.9	1,682.8	1.20	1.06	1.28
4,798.0	25.70	189.70	4,433.7	-1,703.4	-264.6	1,723.8	1.02	-0.97	0.75
4,892.0	25.60	188.50	4,518.4	-1,743.6	-271.0	1,764.5	0.56	-0.11	-1.28
4,986.0	25.20	187.10	4,603.3	-1,783.5	-276.5	1,804.8	0.77	-0.43	-1.49
5,079.0	24.40	187.40	4,687.7	-1,822.2	-281.4	1,843.8	0.87	-0.86	0.32
5,173.0	23.30	187.80	4,773.7	-1,859.9	-286.4	1,881.8	1.18	-1.17	0.43
5,267.0	21.20	188.20	4,860.7	-1,895.1	-291.4	1,917.4	2.24	-2.23	0.43
5,360.0	19.50	189.00	4,947.9	-1,927.1	-296.2	1,949.7	1.85	-1.83	0.86
5,454.0	17.90	189.90	5,036.9	-1,956.8	-301.1	1,979.9	1.73	-1.70	0.96
5,548.0	15.70	190.30	5,126.9	-1,983.6	-305.9	2,007.0	2.34	-2.34	0.43
5,642.0	14.90	190.60	5,217.6	-2,008.0	-310.4	2,031.8	0.86	-0.85	0.32
5,735.0	13.00	191.30	5,307.8	-2,030.0	-314.6	2,054.2	2.05	-2.04	0.75
5,829.0	10.80	190.40	5,399.8	-2,049.0	-318.3	2,073.6	2.35	-2.34	-0.96
5,923.0	8.80	189.60	5,492.4	-2,064.8	-321.1	2,089.6	2.13	-2.13	-0.85
6,016.0	6.90	190.80	5,584.6	-2,077.3	-323.3	2,102.3	2.05	-2.04	1.29

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<b>Well:</b>	Booth 25-26	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	Landmark

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)
6,110.0	5.80	185.30	5,678.0	-2,087.5	-324.8	2,112.7	1.34	-1.17	-5.85
6,204.0	4.90	180.20	5,771.6	-2,096.3	-325.3	2,121.4	1.08	-0.96	-5.43
6,297.0	3.50	170.00	5,864.3	-2,103.1	-324.8	2,128.0	1.70	-1.51	-10.97
6,391.0	1.40	171.80	5,958.2	-2,107.0	-324.1	2,131.8	2.24	-2.23	1.91
6,432.7	1.31	172.57	5,999.9	-2,108.0	-324.0	2,132.8	0.22	-0.21	1.85
TARGET BHL 2656'FNL, 2665'FWL									
6,485.0	1.20	173.70	6,052.2	-2,109.1	-323.9	2,133.9	0.22	-0.21	2.16
6,578.0	0.70	168.60	6,145.2	-2,110.7	-323.6	2,135.3	0.54	-0.54	-5.48
6,672.0	0.90	153.50	6,239.2	-2,111.9	-323.2	2,136.5	0.31	0.21	-16.06
6,766.0	0.80	145.50	6,333.2	-2,113.1	-322.5	2,137.6	0.16	-0.11	-8.51
6,860.0	1.10	150.70	6,427.2	-2,114.4	-321.7	2,138.7	0.33	0.32	5.53
6,953.0	1.20	145.70	6,520.1	-2,116.0	-320.7	2,140.2	0.15	0.11	-5.38
7,047.0	1.30	132.40	6,614.1	-2,117.5	-319.4	2,141.5	0.33	0.11	-14.15
7,141.0	1.20	123.80	6,708.1	-2,118.8	-317.8	2,142.5	0.23	-0.11	-9.15
7,234.0	1.20	112.00	6,801.1	-2,119.7	-316.0	2,143.1	0.27	0.00	-12.69
7,326.7	1.20	91.08	6,893.8	-2,120.1	-314.2	2,143.2	0.47	0.00	-22.56
TARGET CIRCLE 2656'FNL & 2665'FWL									
7,328.0	1.20	90.80	6,895.1	-2,120.1	-314.1	2,143.2	0.47	0.09	-22.06
7,422.0	1.20	75.10	6,989.0	-2,119.8	-312.2	2,142.7	0.35	0.00	-16.70
7,515.0	1.60	56.00	7,082.0	-2,118.9	-310.2	2,141.4	0.66	0.43	-20.54
7,609.0	2.10	35.20	7,176.0	-2,116.7	-308.1	2,139.0	0.88	0.53	-22.13
7,703.0	2.00	29.60	7,269.9	-2,113.9	-306.3	2,135.9	0.24	-0.11	-5.96
7,825.0	2.40	25.40	7,391.8	-2,109.7	-304.2	2,131.5	0.35	0.33	-3.44

Wellbore Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
TARGET BHL 2656'F	0.00	0.00	6,000.0	-2,104.7	-320.7	1,442,817.43	3,241,744.43	40.545679	-104.630126
- survey misses target center by 4.7ft at 6432.7ft MD (5999.9 TVD, -2108.0 N, -324.0 E)									
- Point									
TARGET CIRCLE 2656'F	0.00	0.00	6,894.0	-2,104.7	-320.7	1,442,817.43	3,241,744.43	40.545679	-104.630126
- survey misses target center by 16.7ft at 7326.8ft MD (6893.9 TVD, -2120.1 N, -314.2 E)									
- Circle (radius 75.0)									

Checked By: _____	Approved By: _____	Date: _____
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