

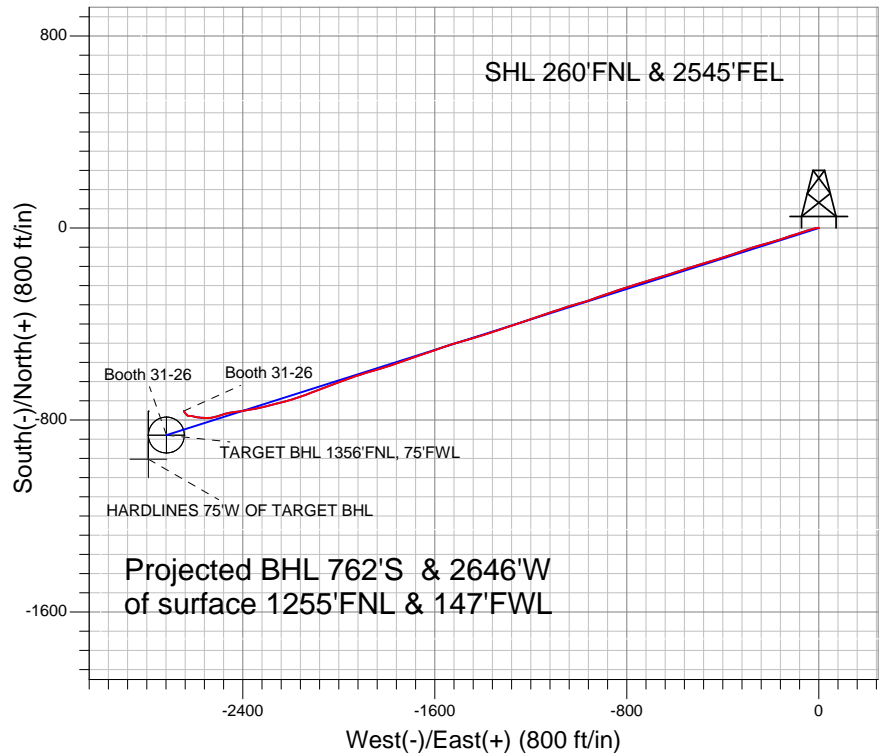
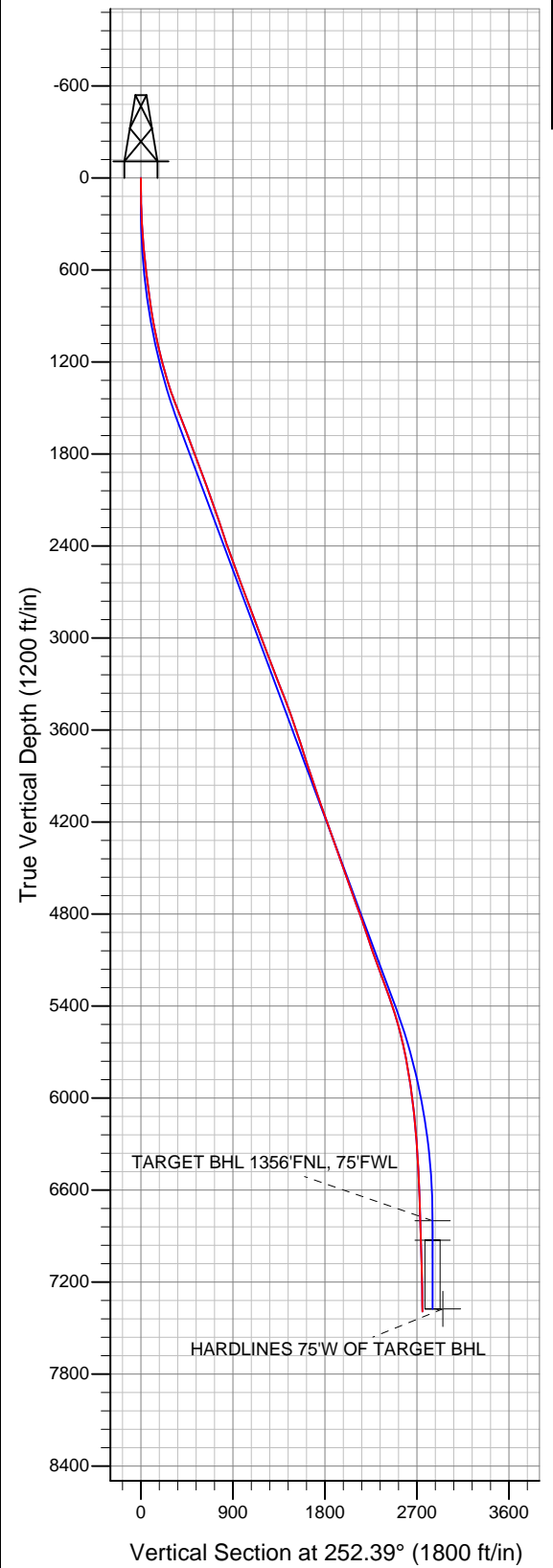


Well Name: **Booth 31-26**
 Surface Location: Booth 8 Pad Sec.26-T7N-R65W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4893.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1445214.47	3241832.07	40.552256	-104.629726	

Original Well Elev WELL @ 4909.0ft (Original Well Elev)

Bayswater Exploration & Production, LLC



LEGEND

- Booth 31-26, Wellbore #1, Plan #1 (5-22-12) V0
- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
 8024'MD & 7392'TVD @
 2753' VS 3.80 deg Inc
 326.50 deg AZ

Project: SEC.26-T7N-R65W
 Site: Booth 8 Pad Sec.26-T7N-R65W
 Well: Booth 31-26
 Plan: Wellbore #1



Directional

Bayswater Exploration & Production, LLC

SEC.26-T7N-R65W

Booth 8 Pad Sec.26-T7N-R65W

Booth 31-26

Wellbore #1

Survey: Survey #1

Standard Survey Report

28 May, 2013



Directional

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Booth 31-26
Project:	SEC.26-T7N-R65W	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site:	Booth 8 Pad Sec.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Well:	Booth 31-26	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC.26-T7N-R65W, Weld County, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	Booth 8 Pad Sec.26-T7N-R65W				
Site Position:		Northing:	1,445,227.50ft	Latitude:	40.552292
From:	Lat/Long	Easting:	3,241,822.49ft	Longitude:	-104.629760
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.56 °

Well	Booth 31-26					
Well Position	+N/-S	0.0 ft	Northing:	1,445,214.47 ft	Latitude:	40.552256
	+E/-W	0.0 ft	Easting:	3,241,832.07 ft	Longitude:	-104.629726
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,893.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/25/2012	8.68	67.16	53,125

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	252.39	

Survey Program	Date	5/28/2013			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
126.0	8,024.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

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	0.00
126.0	1.30	288.20	126.0	0.4	-1.4	1.2	1.03	1.03	0.00	0.00
244.0	3.50	261.40	243.9	0.3	-6.2	5.8	2.04	1.86	-22.71	-22.71
365.0	5.70	256.70	364.5	-1.6	-15.7	15.4	1.84	1.82	-3.88	-3.88
486.0	8.10	253.20	484.6	-5.5	-29.7	30.0	2.01	1.98	-2.89	-2.89
608.0	10.60	253.20	605.0	-11.2	-48.7	49.8	2.05	2.05	0.00	0.00
744.0	11.20	252.30	738.5	-18.8	-73.2	75.5	0.46	0.44	-0.66	-0.66
865.0	12.80	253.00	856.9	-26.3	-97.2	100.6	1.33	1.32	0.58	0.58
990.0	15.80	251.40	978.0	-35.8	-126.6	131.5	2.42	2.40	-1.28	-1.28
1,115.0	18.60	251.20	1,097.4	-47.6	-161.6	168.5	2.24	2.24	-0.16	-0.16
1,240.0	23.20	254.60	1,214.1	-60.6	-204.3	213.0	3.80	3.68	2.72	2.72
1,365.0	24.00	253.70	1,328.7	-74.3	-252.4	263.0	0.70	0.64	-0.72	-0.72
1,490.0	28.90	250.70	1,440.6	-91.4	-305.3	318.7	4.06	3.92	-2.40	-2.40

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Booth 31-26
Project:	SEC.26-T7N-R65W	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site:	Booth 8 Pad Sec.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Well:	Booth 31-26	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	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)	
1,615.0	30.40	251.60	1,549.2	-111.4	-363.9	380.5	1.25	1.20	0.72	
1,740.0	30.10	253.20	1,657.2	-130.4	-423.9	443.5	0.69	-0.24	1.28	
1,865.0	30.00	253.40	1,765.4	-148.4	-483.8	506.1	0.11	-0.08	0.16	
1,989.0	29.30	252.50	1,873.1	-166.4	-542.5	567.4	0.67	-0.56	-0.73	
2,114.0	28.50	251.60	1,982.6	-185.0	-600.0	627.8	0.73	-0.64	-0.72	
2,239.0	27.50	251.80	2,092.9	-203.4	-655.7	686.5	0.80	-0.80	0.16	
2,364.0	28.00	254.80	2,203.6	-220.1	-711.4	744.7	1.19	0.40	2.40	
2,489.0	26.20	252.70	2,314.8	-236.0	-766.1	801.6	1.63	-1.44	-1.68	
2,614.0	28.00	250.50	2,426.1	-254.0	-820.1	858.5	1.65	1.44	-1.76	
2,739.0	28.80	252.00	2,536.1	-273.1	-876.4	917.9	0.86	0.64	1.20	
2,864.0	29.10	250.00	2,645.4	-292.8	-933.6	978.4	0.81	0.24	-1.60	
2,989.0	30.20	253.50	2,754.1	-312.2	-992.3	1,040.2	1.64	0.88	2.80	
3,114.0	28.40	252.80	2,863.1	-329.9	-1,050.8	1,101.4	1.47	-1.44	-0.56	
3,239.0	29.70	250.50	2,972.4	-349.0	-1,108.4	1,162.1	1.37	1.04	-1.84	
3,364.0	29.50	251.60	3,081.1	-369.1	-1,166.8	1,223.8	0.46	-0.16	0.88	
3,489.0	29.80	251.60	3,189.7	-388.6	-1,225.5	1,285.6	0.24	0.24	0.00	
3,613.0	31.00	251.60	3,296.6	-408.4	-1,285.0	1,348.4	0.97	0.97	0.00	
3,738.0	30.20	251.80	3,404.2	-428.4	-1,345.4	1,412.0	0.65	-0.64	0.16	
3,863.0	27.30	252.00	3,513.8	-447.1	-1,402.6	1,472.1	2.32	-2.32	0.16	
3,988.0	27.30	253.70	3,624.9	-464.0	-1,457.4	1,529.4	0.62	0.00	1.36	
4,113.0	26.10	254.10	3,736.6	-479.5	-1,511.3	1,585.6	0.97	-0.96	0.32	
4,238.0	25.80	250.70	3,849.0	-496.1	-1,563.4	1,640.3	1.21	-0.24	-2.72	
4,363.0	26.80	250.70	3,961.0	-514.4	-1,615.7	1,695.6	0.80	0.80	0.00	
4,488.0	27.60	251.10	4,072.2	-533.1	-1,669.7	1,752.7	0.66	0.64	0.32	
4,613.0	27.60	250.50	4,183.0	-552.1	-1,724.4	1,810.6	0.22	0.00	-0.48	
4,738.0	27.80	251.20	4,293.6	-571.2	-1,779.3	1,868.7	0.31	0.16	0.56	
4,863.0	28.40	254.20	4,403.9	-588.7	-1,835.5	1,927.6	1.23	0.48	2.40	
4,988.0	28.90	252.80	4,513.6	-605.7	-1,892.9	1,987.5	0.67	0.40	-1.12	
5,112.0	27.00	250.20	4,623.2	-624.1	-1,948.1	2,045.6	1.82	-1.53	-2.10	
5,237.0	28.70	249.90	4,733.7	-644.0	-2,002.9	2,103.9	1.36	1.36	-0.24	
5,362.0	28.00	249.50	4,843.7	-664.6	-2,058.6	2,163.2	0.58	-0.56	-0.32	
5,487.0	27.60	248.30	4,954.2	-685.6	-2,113.0	2,221.4	0.55	-0.32	-0.96	
5,612.0	27.60	251.10	5,065.0	-705.7	-2,167.3	2,279.2	1.04	0.00	2.24	
5,737.0	28.00	255.10	5,175.6	-722.6	-2,223.1	2,337.5	1.53	0.32	3.20	
5,862.0	29.60	256.00	5,285.1	-737.6	-2,281.4	2,397.6	1.33	1.28	0.72	
5,987.0	26.80	258.10	5,395.3	-750.9	-2,338.9	2,456.5	2.38	-2.24	1.68	
6,112.0	23.00	260.60	5,508.7	-760.7	-2,390.6	2,508.7	3.15	-3.04	2.00	
6,237.0	20.00	263.40	5,625.0	-767.1	-2,435.9	2,553.9	2.54	-2.40	2.24	
6,362.0	17.00	253.70	5,743.5	-774.7	-2,474.7	2,593.1	3.43	-2.40	-7.76	
6,487.0	12.60	251.30	5,864.3	-784.2	-2,505.2	2,625.1	3.55	-3.52	-1.92	
6,612.0	10.60	260.90	5,986.8	-790.4	-2,529.5	2,650.1	2.22	-1.60	7.68	
6,736.0	9.40	275.20	6,108.9	-791.3	-2,550.8	2,670.7	2.22	-0.97	11.53	
6,861.0	8.40	270.90	6,232.4	-790.2	-2,570.1	2,688.8	0.96	-0.80	-3.44	
6,986.0	6.40	275.50	6,356.4	-789.4	-2,586.2	2,703.8	1.67	-1.60	3.68	
7,111.0	4.60	285.00	6,480.8	-787.5	-2,598.0	2,714.5	1.61	-1.44	7.60	
7,236.0	4.00	285.90	6,605.4	-785.0	-2,607.0	2,722.3	0.48	-0.48	0.72	
7,361.0	3.00	276.10	6,730.2	-783.4	-2,614.4	2,728.9	0.93	-0.80	-7.84	
7,436.0	2.99	271.42	6,805.1	-783.2	-2,618.4	2,732.6	0.33	-0.01	-6.24	
TARGET BHL 1356'FNL, 75'FWL										
7,486.0	3.00	268.30	6,855.0	-783.2	-2,621.0	2,735.1	0.33	0.01	-6.24	
7,563.4	2.74	274.39	6,932.3	-783.1	-2,624.8	2,738.7	0.52	-0.33	7.86	
TARGET CIRCLE 1356'FNL & 75'FWL										
7,611.0	2.60	278.70	6,979.9	-782.8	-2,627.0	2,740.8	0.52	-0.30	9.06	
7,736.0	4.90	315.10	7,104.6	-778.6	-2,633.6	2,745.8	2.56	1.84	29.12	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Booth 31-26
Project:	SEC.26-T7N-R65W	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site:	Booth 8 Pad Sec.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Well:	Booth 31-26	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	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)
7,861.0	4.00	323.10	7,229.2	-771.4	-2,640.0	2,749.6	0.87	-0.72	6.40
7,982.0	3.80	326.50	7,350.0	-764.7	-2,644.7	2,752.1	0.25	-0.17	2.81
HARDLINES 75'W OF TARGET BHL									
8,024.0	3.80	326.50	7,391.9	-762.3	-2,646.3	2,752.9	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____