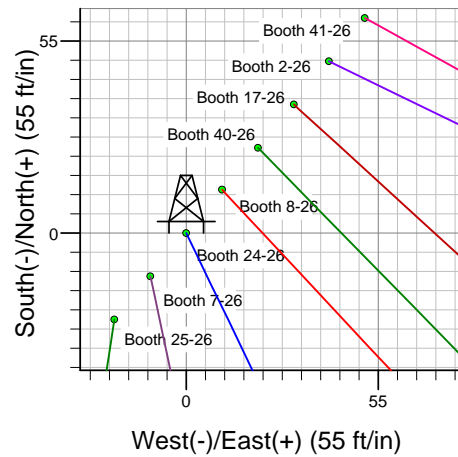
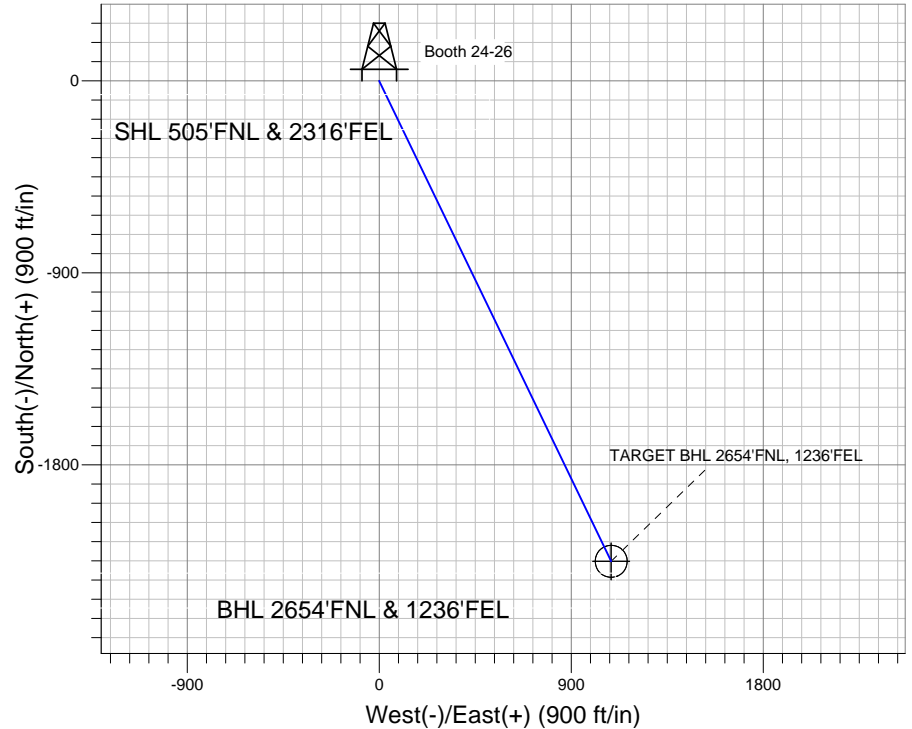
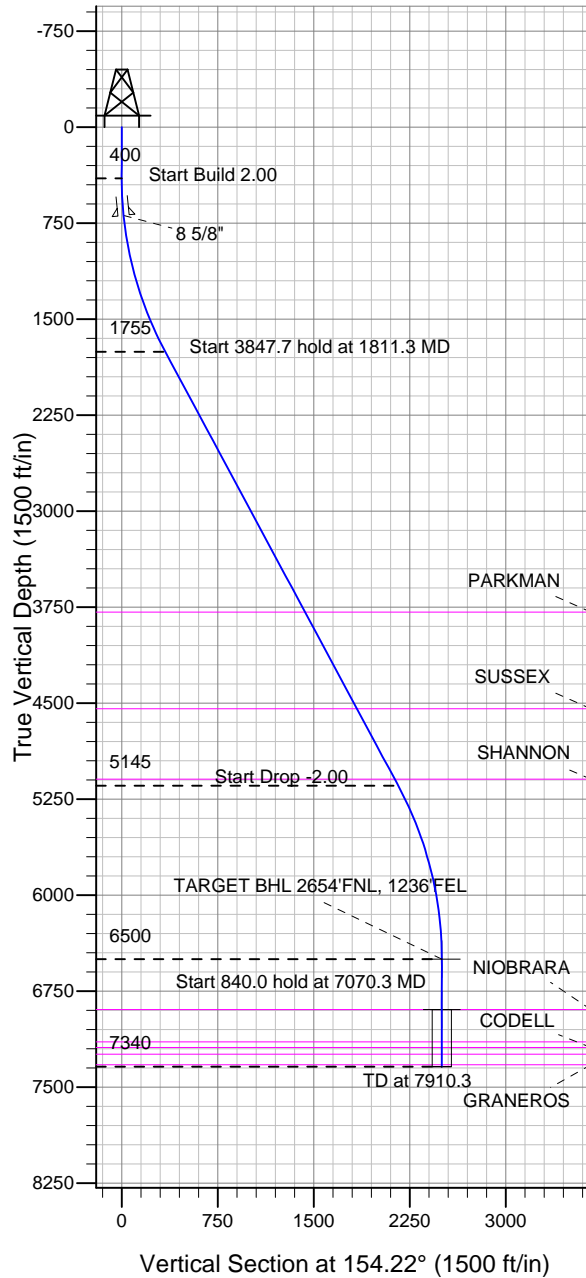


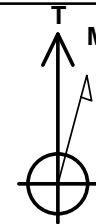
Well Name: Booth 24-26

Surface Location: Booth 9 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 1444950.06 3242064.77 40.551524 -104.628898
 Original Well Elev WELL @ 4909.0ft (Original Well Elev)

BAYSWATER EXPLORATION & PRODUCTION



Booth 9 Pad Sec.26-T7N-R65W
 Booth 24-26
 Plan #1 (5-21-12)
 8:41, May 31 2012



Azimuths to True North
 Magnetic North: 8.67°

Magnetic Field
 Strength: 53123.2snT
 Dip Angle: 67.16°
 Date: 5/31/2012
 Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 2654'FNL, 1236'FEL	6500.0	-2252.2	1087.8	40.545342	-104.624984	Point
TARGET CIRCLE 2654'FNL, 1236'FEL	6894.0	-2252.2	1087.8	40.545342	-104.624984	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	1811.3	28.23	154.22	1754.9	-306.8	148.2	2.00	154.22	340.7	
4	5659.0	28.23	154.22	5145.1	-1945.4	939.6	0.00	0.00	2160.5	
5	7070.3	0.00	0.00	6500.0	-2252.2	1087.8	2.00	180.00	2501.1	TARGET BHL 2654'FNL, 1236'FEL
6	7910.3	0.00	0.00	7340.0	-2252.2	1087.8	0.00	0.00	2501.1	



Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.26-T7N-R65W

Booth 9 Pad Sec.26-T7N-R65W

Booth 24-26

Wellbore #1

Plan: Plan #1 (5-21-12)

Standard Planning Report

31 May, 2012

Database:	Landmark	Local Co-ordinate Reference:	Well Booth 24-26
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Project:	SEC.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site:	Booth 9 Pad Sec.26-T7N-R65W	North Reference:	True
Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-21-12)		

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 9 Pad Sec.26-T7N-R65W		
Site Position:		Northing:	1,444,912.98 ft
From:	Lat/Long	Easting:	3,242,034.56 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40.551423
		Longitude:	-104.629008
		Grid Convergence:	0.56 °

Well	Booth 24-26		
Well Position	+N/-S	36.8 ft	Northing:
	+E/-W	30.6 ft	Easting:
Position Uncertainty		0.0 ft	Wellhead Elevation:
			ft
			Latitude:
			40.551524
			Longitude:
			-104.628898
			Ground Level:
			4,893.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/31/2012	8.68	67.16	53,123

Design	Plan #1 (5-21-12)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	154.22

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,811.3	28.23	154.22	1,754.9	-306.8	148.2	2.00	2.00	0.00	154.22	
5,659.0	28.23	154.22	5,145.1	-1,945.4	939.6	0.00	0.00	0.00	0.00	
7,070.3	0.00	0.00	6,500.0	-2,252.2	1,087.8	2.00	-2.00	0.00	180.00	TARGET BHL 2654
7,910.3	0.00	0.00	7,340.0	-2,252.2	1,087.8	0.00	0.00	0.00	0.00	

Database:	Landmark	Local Co-ordinate Reference:	Well Booth 24-26
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Project:	SEC.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site:	Booth 9 Pad Sec.26-T7N-R65W	North Reference:	True
Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-21-12)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
40.0	0.00	0.00	40.0	0.0	0.0	0.0	0.00	0.00	0.00
80.0	0.00	0.00	80.0	0.0	0.0	0.0	0.00	0.00	0.00
120.0	0.00	0.00	120.0	0.0	0.0	0.0	0.00	0.00	0.00
160.0	0.00	0.00	160.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
240.0	0.00	0.00	240.0	0.0	0.0	0.0	0.00	0.00	0.00
280.0	0.00	0.00	280.0	0.0	0.0	0.0	0.00	0.00	0.00
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
360.0	0.00	0.00	360.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
440.0	0.80	154.22	440.0	-0.3	0.1	0.3	2.00	2.00	0.00
480.0	1.60	154.22	480.0	-1.0	0.5	1.1	2.00	2.00	0.00
520.0	2.40	154.22	520.0	-2.3	1.1	2.5	2.00	2.00	0.00
560.0	3.20	154.22	559.9	-4.0	1.9	4.5	2.00	2.00	0.00
600.0	4.00	154.22	599.8	-6.3	3.0	7.0	2.00	2.00	0.00
640.0	4.80	154.22	639.7	-9.0	4.4	10.0	2.00	2.00	0.00
680.0	5.60	154.22	679.6	-12.3	5.9	13.7	2.00	2.00	0.00
690.5	5.81	154.22	690.0	-13.3	6.4	14.7	2.00	2.00	0.00
8 5/8"									
720.0	6.40	154.22	719.3	-16.1	7.8	17.9	2.00	2.00	0.00
760.0	7.20	154.22	759.1	-20.3	9.8	22.6	2.00	2.00	0.00
800.0	8.00	154.22	798.7	-25.1	12.1	27.9	2.00	2.00	0.00
840.0	8.80	154.22	838.3	-30.4	14.7	33.7	2.00	2.00	0.00
880.0	9.60	154.22	877.8	-36.1	17.4	40.1	2.00	2.00	0.00
920.0	10.40	154.22	917.1	-42.4	20.5	47.1	2.00	2.00	0.00
960.0	11.20	154.22	956.4	-49.1	23.7	54.6	2.00	2.00	0.00
1,000.0	12.00	154.22	995.6	-56.4	27.2	62.6	2.00	2.00	0.00
1,040.0	12.80	154.22	1,034.7	-64.1	31.0	71.2	2.00	2.00	0.00
1,080.0	13.60	154.22	1,073.6	-72.3	34.9	80.3	2.00	2.00	0.00
1,120.0	14.40	154.22	1,112.4	-81.0	39.1	90.0	2.00	2.00	0.00
1,160.0	15.20	154.22	1,151.1	-90.2	43.6	100.2	2.00	2.00	0.00
1,200.0	16.00	154.22	1,189.6	-99.9	48.3	111.0	2.00	2.00	0.00
1,240.0	16.80	154.22	1,228.0	-110.1	53.2	122.3	2.00	2.00	0.00
1,280.0	17.60	154.22	1,266.2	-120.8	58.3	134.1	2.00	2.00	0.00
1,320.0	18.40	154.22	1,304.3	-131.9	63.7	146.5	2.00	2.00	0.00
1,360.0	19.20	154.22	1,342.1	-143.5	69.3	159.3	2.00	2.00	0.00
1,400.0	20.00	154.22	1,379.8	-155.6	75.1	172.8	2.00	2.00	0.00
1,440.0	20.80	154.22	1,417.3	-168.1	81.2	186.7	2.00	2.00	0.00
1,480.0	21.60	154.22	1,454.6	-181.2	87.5	201.2	2.00	2.00	0.00
1,520.0	22.40	154.22	1,491.7	-194.6	94.0	216.2	2.00	2.00	0.00
1,560.0	23.20	154.22	1,528.6	-208.6	100.8	231.7	2.00	2.00	0.00
1,600.0	24.00	154.22	1,565.2	-223.0	107.7	247.7	2.00	2.00	0.00
1,640.0	24.80	154.22	1,601.6	-237.9	114.9	264.2	2.00	2.00	0.00
1,680.0	25.60	154.22	1,637.8	-253.2	122.3	281.2	2.00	2.00	0.00
1,720.0	26.40	154.22	1,673.8	-269.0	129.9	298.8	2.00	2.00	0.00
1,760.0	27.20	154.22	1,709.5	-285.3	137.8	316.8	2.00	2.00	0.00
1,800.0	28.00	154.22	1,744.9	-302.0	145.8	335.3	2.00	2.00	0.00
1,811.3	28.23	154.22	1,754.9	-306.8	148.2	340.7	2.00	2.00	0.00
1,840.0	28.23	154.22	1,780.2	-319.0	154.1	354.2	0.00	0.00	0.00
1,880.0	28.23	154.22	1,815.4	-336.0	162.3	373.1	0.00	0.00	0.00
1,920.0	28.23	154.22	1,850.7	-353.0	170.5	392.1	0.00	0.00	0.00
1,960.0	28.23	154.22	1,885.9	-370.1	178.7	411.0	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Booth 24-26
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Project:	SEC.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site:	Booth 9 Pad Sec.26-T7N-R65W	North Reference:	True
Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-21-12)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,000.0	28.23	154.22	1,921.2	-387.1	187.0	429.9	0.00	0.00	0.00
2,040.0	28.23	154.22	1,956.4	-404.1	195.2	448.8	0.00	0.00	0.00
2,080.0	28.23	154.22	1,991.7	-421.2	203.4	467.7	0.00	0.00	0.00
2,120.0	28.23	154.22	2,026.9	-438.2	211.7	486.7	0.00	0.00	0.00
2,160.0	28.23	154.22	2,062.1	-455.3	219.9	505.6	0.00	0.00	0.00
2,200.0	28.23	154.22	2,097.4	-472.3	228.1	524.5	0.00	0.00	0.00
2,240.0	28.23	154.22	2,132.6	-489.3	236.3	543.4	0.00	0.00	0.00
2,280.0	28.23	154.22	2,167.9	-506.4	244.6	562.3	0.00	0.00	0.00
2,320.0	28.23	154.22	2,203.1	-523.4	252.8	581.2	0.00	0.00	0.00
2,360.0	28.23	154.22	2,238.4	-540.4	261.0	600.2	0.00	0.00	0.00
2,400.0	28.23	154.22	2,273.6	-557.5	269.3	619.1	0.00	0.00	0.00
2,440.0	28.23	154.22	2,308.8	-574.5	277.5	638.0	0.00	0.00	0.00
2,480.0	28.23	154.22	2,344.1	-591.5	285.7	656.9	0.00	0.00	0.00
2,520.0	28.23	154.22	2,379.3	-608.6	293.9	675.8	0.00	0.00	0.00
2,560.0	28.23	154.22	2,414.6	-625.6	302.2	694.8	0.00	0.00	0.00
2,600.0	28.23	154.22	2,449.8	-642.6	310.4	713.7	0.00	0.00	0.00
2,640.0	28.23	154.22	2,485.1	-659.7	318.6	732.6	0.00	0.00	0.00
2,680.0	28.23	154.22	2,520.3	-676.7	326.8	751.5	0.00	0.00	0.00
2,720.0	28.23	154.22	2,555.5	-693.8	335.1	770.4	0.00	0.00	0.00
2,760.0	28.23	154.22	2,590.8	-710.8	343.3	789.4	0.00	0.00	0.00
2,800.0	28.23	154.22	2,626.0	-727.8	351.5	808.3	0.00	0.00	0.00
2,840.0	28.23	154.22	2,661.3	-744.9	359.8	827.2	0.00	0.00	0.00
2,880.0	28.23	154.22	2,696.5	-761.9	368.0	846.1	0.00	0.00	0.00
2,920.0	28.23	154.22	2,731.8	-778.9	376.2	865.0	0.00	0.00	0.00
2,960.0	28.23	154.22	2,767.0	-796.0	384.4	883.9	0.00	0.00	0.00
3,000.0	28.23	154.22	2,802.2	-813.0	392.7	902.9	0.00	0.00	0.00
3,040.0	28.23	154.22	2,837.5	-830.0	400.9	921.8	0.00	0.00	0.00
3,080.0	28.23	154.22	2,872.7	-847.1	409.1	940.7	0.00	0.00	0.00
3,120.0	28.23	154.22	2,908.0	-864.1	417.4	959.6	0.00	0.00	0.00
3,160.0	28.23	154.22	2,943.2	-881.1	425.6	978.5	0.00	0.00	0.00
3,200.0	28.23	154.22	2,978.5	-898.2	433.8	997.5	0.00	0.00	0.00
3,240.0	28.23	154.22	3,013.7	-915.2	442.0	1,016.4	0.00	0.00	0.00
3,280.0	28.23	154.22	3,049.0	-932.2	450.3	1,035.3	0.00	0.00	0.00
3,320.0	28.23	154.22	3,084.2	-949.3	458.5	1,054.2	0.00	0.00	0.00
3,360.0	28.23	154.22	3,119.4	-966.3	466.7	1,073.1	0.00	0.00	0.00
3,400.0	28.23	154.22	3,154.7	-983.4	474.9	1,092.0	0.00	0.00	0.00
3,440.0	28.23	154.22	3,189.9	-1,000.4	483.2	1,111.0	0.00	0.00	0.00
3,480.0	28.23	154.22	3,225.2	-1,017.4	491.4	1,129.9	0.00	0.00	0.00
3,520.0	28.23	154.22	3,260.4	-1,034.5	499.6	1,148.8	0.00	0.00	0.00
3,560.0	28.23	154.22	3,295.7	-1,051.5	507.9	1,167.7	0.00	0.00	0.00
3,600.0	28.23	154.22	3,330.9	-1,068.5	516.1	1,186.6	0.00	0.00	0.00
3,640.0	28.23	154.22	3,366.1	-1,085.6	524.3	1,205.6	0.00	0.00	0.00
3,680.0	28.23	154.22	3,401.4	-1,102.6	532.5	1,224.5	0.00	0.00	0.00
3,720.0	28.23	154.22	3,436.6	-1,119.6	540.8	1,243.4	0.00	0.00	0.00
3,760.0	28.23	154.22	3,471.9	-1,136.7	549.0	1,262.3	0.00	0.00	0.00
3,800.0	28.23	154.22	3,507.1	-1,153.7	557.2	1,281.2	0.00	0.00	0.00
3,840.0	28.23	154.22	3,542.4	-1,170.7	565.5	1,300.1	0.00	0.00	0.00
3,880.0	28.23	154.22	3,577.6	-1,187.8	573.7	1,319.1	0.00	0.00	0.00
3,920.0	28.23	154.22	3,612.8	-1,204.8	581.9	1,338.0	0.00	0.00	0.00
3,960.0	28.23	154.22	3,648.1	-1,221.8	590.1	1,356.9	0.00	0.00	0.00
4,000.0	28.23	154.22	3,683.3	-1,238.9	598.4	1,375.8	0.00	0.00	0.00
4,040.0	28.23	154.22	3,718.6	-1,255.9	606.6	1,394.7	0.00	0.00	0.00
4,080.0	28.23	154.22	3,753.8	-1,273.0	614.8	1,413.7	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Booth 24-26
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Project:	SEC.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site:	Booth 9 Pad Sec.26-T7N-R65W	North Reference:	True
Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-21-12)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,119.9	28.23	154.22	3,789.0	-1,290.0	623.0	1,432.5	0.00	0.00	0.00
PARKMAN									
4,120.0	28.23	154.22	3,789.1	-1,290.0	623.1	1,432.6	0.00	0.00	0.00
4,160.0	28.23	154.22	3,824.3	-1,307.0	631.3	1,451.5	0.00	0.00	0.00
4,200.0	28.23	154.22	3,859.6	-1,324.1	639.5	1,470.4	0.00	0.00	0.00
4,240.0	28.23	154.22	3,894.8	-1,341.1	647.7	1,489.3	0.00	0.00	0.00
4,280.0	28.23	154.22	3,930.0	-1,358.1	656.0	1,508.2	0.00	0.00	0.00
4,320.0	28.23	154.22	3,965.3	-1,375.2	664.2	1,527.2	0.00	0.00	0.00
4,360.0	28.23	154.22	4,000.5	-1,392.2	672.4	1,546.1	0.00	0.00	0.00
4,400.0	28.23	154.22	4,035.8	-1,409.2	680.6	1,565.0	0.00	0.00	0.00
4,440.0	28.23	154.22	4,071.0	-1,426.3	688.9	1,583.9	0.00	0.00	0.00
4,480.0	28.23	154.22	4,106.3	-1,443.3	697.1	1,602.8	0.00	0.00	0.00
4,520.0	28.23	154.22	4,141.5	-1,460.3	705.3	1,621.8	0.00	0.00	0.00
4,560.0	28.23	154.22	4,176.7	-1,477.4	713.6	1,640.7	0.00	0.00	0.00
4,600.0	28.23	154.22	4,212.0	-1,494.4	721.8	1,659.6	0.00	0.00	0.00
4,640.0	28.23	154.22	4,247.2	-1,511.5	730.0	1,678.5	0.00	0.00	0.00
4,680.0	28.23	154.22	4,282.5	-1,528.5	738.2	1,697.4	0.00	0.00	0.00
4,720.0	28.23	154.22	4,317.7	-1,545.5	746.5	1,716.3	0.00	0.00	0.00
4,760.0	28.23	154.22	4,353.0	-1,562.6	754.7	1,735.3	0.00	0.00	0.00
4,800.0	28.23	154.22	4,388.2	-1,579.6	762.9	1,754.2	0.00	0.00	0.00
4,840.0	28.23	154.22	4,423.4	-1,596.6	771.2	1,773.1	0.00	0.00	0.00
4,880.0	28.23	154.22	4,458.7	-1,613.7	779.4	1,792.0	0.00	0.00	0.00
4,920.0	28.23	154.22	4,493.9	-1,630.7	787.6	1,810.9	0.00	0.00	0.00
4,960.0	28.23	154.22	4,529.2	-1,647.7	795.8	1,829.9	0.00	0.00	0.00
4,976.8	28.23	154.22	4,544.0	-1,654.9	799.3	1,837.8	0.00	0.00	0.00
SUSSEX									
5,000.0	28.23	154.22	4,564.4	-1,664.8	804.1	1,848.8	0.00	0.00	0.00
5,040.0	28.23	154.22	4,599.7	-1,681.8	812.3	1,867.7	0.00	0.00	0.00
5,080.0	28.23	154.22	4,634.9	-1,698.8	820.5	1,886.6	0.00	0.00	0.00
5,120.0	28.23	154.22	4,670.1	-1,715.9	828.7	1,905.5	0.00	0.00	0.00
5,160.0	28.23	154.22	4,705.4	-1,732.9	837.0	1,924.5	0.00	0.00	0.00
5,200.0	28.23	154.22	4,740.6	-1,749.9	845.2	1,943.4	0.00	0.00	0.00
5,240.0	28.23	154.22	4,775.9	-1,767.0	853.4	1,962.3	0.00	0.00	0.00
5,280.0	28.23	154.22	4,811.1	-1,784.0	861.7	1,981.2	0.00	0.00	0.00
5,320.0	28.23	154.22	4,846.4	-1,801.1	869.9	2,000.1	0.00	0.00	0.00
5,360.0	28.23	154.22	4,881.6	-1,818.1	878.1	2,019.0	0.00	0.00	0.00
5,400.0	28.23	154.22	4,916.9	-1,835.1	886.3	2,038.0	0.00	0.00	0.00
5,440.0	28.23	154.22	4,952.1	-1,852.2	894.6	2,056.9	0.00	0.00	0.00
5,480.0	28.23	154.22	4,987.3	-1,869.2	902.8	2,075.8	0.00	0.00	0.00
5,520.0	28.23	154.22	5,022.6	-1,886.2	911.0	2,094.7	0.00	0.00	0.00
5,560.0	28.23	154.22	5,057.8	-1,903.3	919.3	2,113.6	0.00	0.00	0.00
5,600.0	28.23	154.22	5,093.1	-1,920.3	927.5	2,132.6	0.00	0.00	0.00
5,601.1	28.23	154.22	5,094.0	-1,920.8	927.7	2,133.1	0.00	0.00	0.00
SHANNON									
5,640.0	28.23	154.22	5,128.3	-1,937.3	935.7	2,151.5	0.00	0.00	0.00
5,659.0	28.23	154.22	5,145.1	-1,945.4	939.6	2,160.5	0.00	0.00	0.00
5,680.0	27.81	154.22	5,163.6	-1,954.3	943.9	2,170.3	2.00	-2.00	0.00
5,720.0	27.01	154.22	5,199.1	-1,970.9	951.9	2,188.7	2.00	-2.00	0.00
5,760.0	26.21	154.22	5,234.9	-1,987.0	959.7	2,206.6	2.00	-2.00	0.00
5,800.0	25.41	154.22	5,270.9	-2,002.7	967.3	2,224.1	2.00	-2.00	0.00
5,840.0	24.61	154.22	5,307.1	-2,017.9	974.6	2,241.0	2.00	-2.00	0.00
5,880.0	23.81	154.22	5,343.6	-2,032.7	981.8	2,257.4	2.00	-2.00	0.00
5,920.0	23.01	154.22	5,380.3	-2,047.0	988.7	2,273.3	2.00	-2.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Booth 24-26
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Project:	SEC.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site:	Booth 9 Pad Sec.26-T7N-R65W	North Reference:	True
Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-21-12)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,960.0	22.21	154.22	5,417.2	-2,060.9	995.4	2,288.6	2.00	-2.00	0.00
6,000.0	21.41	154.22	5,454.4	-2,074.2	1,001.8	2,303.5	2.00	-2.00	0.00
6,040.0	20.61	154.22	5,491.7	-2,087.1	1,008.1	2,317.8	2.00	-2.00	0.00
6,080.0	19.81	154.22	5,529.3	-2,099.6	1,014.1	2,331.7	2.00	-2.00	0.00
6,120.0	19.01	154.22	5,567.0	-2,111.6	1,019.9	2,344.9	2.00	-2.00	0.00
6,160.0	18.21	154.22	5,604.9	-2,123.0	1,025.4	2,357.7	2.00	-2.00	0.00
6,200.0	17.41	154.22	5,643.0	-2,134.1	1,030.7	2,369.9	2.00	-2.00	0.00
6,240.0	16.61	154.22	5,681.2	-2,144.6	1,035.8	2,381.6	2.00	-2.00	0.00
6,280.0	15.81	154.22	5,719.6	-2,154.6	1,040.7	2,392.8	2.00	-2.00	0.00
6,320.0	15.01	154.22	5,758.2	-2,164.2	1,045.3	2,403.4	2.00	-2.00	0.00
6,360.0	14.21	154.22	5,796.9	-2,173.3	1,049.7	2,413.5	2.00	-2.00	0.00
6,400.0	13.41	154.22	5,835.8	-2,181.9	1,053.8	2,423.1	2.00	-2.00	0.00
6,440.0	12.61	154.22	5,874.7	-2,190.0	1,057.7	2,432.1	2.00	-2.00	0.00
6,480.0	11.81	154.22	5,913.8	-2,197.6	1,061.4	2,440.5	2.00	-2.00	0.00
6,520.0	11.01	154.22	5,953.0	-2,204.7	1,064.9	2,448.4	2.00	-2.00	0.00
6,560.0	10.21	154.22	5,992.3	-2,211.4	1,068.1	2,455.8	2.00	-2.00	0.00
6,600.0	9.41	154.22	6,031.8	-2,217.5	1,071.0	2,462.6	2.00	-2.00	0.00
6,640.0	8.61	154.22	6,071.3	-2,223.1	1,073.8	2,468.9	2.00	-2.00	0.00
6,680.0	7.81	154.22	6,110.9	-2,228.3	1,076.2	2,474.6	2.00	-2.00	0.00
6,720.0	7.01	154.22	6,150.5	-2,232.9	1,078.5	2,479.7	2.00	-2.00	0.00
6,760.0	6.21	154.22	6,190.3	-2,237.1	1,080.5	2,484.3	2.00	-2.00	0.00
6,800.0	5.41	154.22	6,230.1	-2,240.7	1,082.2	2,488.4	2.00	-2.00	0.00
6,840.0	4.61	154.22	6,269.9	-2,243.9	1,083.8	2,491.9	2.00	-2.00	0.00
6,880.0	3.81	154.22	6,309.8	-2,246.5	1,085.0	2,494.8	2.00	-2.00	0.00
6,920.0	3.01	154.22	6,349.7	-2,248.6	1,086.1	2,497.2	2.00	-2.00	0.00
6,960.0	2.21	154.22	6,389.7	-2,250.3	1,086.9	2,499.0	2.00	-2.00	0.00
7,000.0	1.41	154.22	6,429.7	-2,251.4	1,087.4	2,500.3	2.00	-2.00	0.00
7,040.0	0.61	154.22	6,469.7	-2,252.1	1,087.7	2,501.0	2.00	-2.00	0.00
7,070.3	0.00	0.00	6,500.0	-2,252.2	1,087.8	2,501.1	2.00	-2.00	-508.16
TARGET BHL 2654'FNL, 1236'FEL									
7,080.0	0.00	0.00	6,509.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,120.0	0.00	0.00	6,549.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,160.0	0.00	0.00	6,589.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,200.0	0.00	0.00	6,629.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,240.0	0.00	0.00	6,669.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,280.0	0.00	0.00	6,709.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,320.0	0.00	0.00	6,749.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,360.0	0.00	0.00	6,789.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,400.0	0.00	0.00	6,829.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,440.0	0.00	0.00	6,869.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,464.3	0.00	0.00	6,894.0	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
NIOBRARA - TARGET CIRCLE 2654'FNL, 1236'FEL									
7,480.0	0.00	0.00	6,909.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,520.0	0.00	0.00	6,949.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,560.0	0.00	0.00	6,989.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,600.0	0.00	0.00	7,029.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,640.0	0.00	0.00	7,069.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,680.0	0.00	0.00	7,109.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,716.3	0.00	0.00	7,146.0	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
FORT HAYS									
7,720.0	0.00	0.00	7,149.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,760.0	0.00	0.00	7,189.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,760.3	0.00	0.00	7,190.0	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Booth 24-26
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Project:	SEC.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site:	Booth 9 Pad Sec.26-T7N-R65W	North Reference:	True
Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-21-12)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
CODELL									
7,800.0	0.00	0.00	7,229.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,812.3	0.00	0.00	7,242.0	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
GREENHORN									
7,840.0	0.00	0.00	7,269.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,880.0	0.00	0.00	7,309.7	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
7,894.3	0.00	0.00	7,324.0	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00
GRANEROS									
7,910.3	0.00	0.00	7,340.0	-2,252.2	1,087.8	2,501.1	0.00	0.00	0.00

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
690.5	690.0	8 5/8"	8-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,119.9	3,789.0	PARKMAN		0.00	
4,976.8	4,544.0	SUSSEX		0.00	
5,601.1	5,094.0	SHANNON		0.00	
7,464.3	6,894.0	NIOBRARA		0.00	
7,716.3	7,146.0	FORT HAYS		0.00	
7,760.3	7,190.0	CODELL		0.00	
7,812.3	7,242.0	GREENHORN		0.00	
7,894.3	7,324.0	GRANEROS		0.00	



Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.26-T7N-R65W

Booth 9 Pad Sec.26-T7N-R65W

Booth 24-26

Wellbore #1

Plan #1 (5-21-12)

Anticollision Report

31 May, 2012

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Booth 24-26
Project:	SEC.26-T7N-R65W	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 9 Pad Sec.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (5-21-12)	Offset TVD Reference:	Offset Datum

Offset Design Booth 9 Pad Sec.26-T7N-R65W - Booth 7-26 - Wellbore #1 - Plan #1 (5-21-12)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1,900.0	1,833.1	1,885.5	1,832.7	8.5	8.1	99.97		-369.8	65.8	103.7	87.3	16.46	6.301 SF	
2,000.0	1,921.2	1,983.8	1,925.6	9.5	8.7	107.30		-401.5	72.5	115.4	97.5	17.83	6.472	
2,100.0	2,009.3	2,082.2	2,018.4	10.4	9.4	113.23		-433.2	79.3	128.6	109.5	19.03	6.755	
2,200.0	2,097.4	2,180.5	2,111.2	11.4	10.1	118.04		-464.9	86.0	142.8	122.7	20.14	7.094	
2,300.0	2,185.5	2,278.8	2,204.1	12.3	10.7	121.95		-496.6	92.8	158.0	136.8	21.18	7.457	
2,400.0	2,273.6	2,377.1	2,296.9	13.3	11.4	125.18		-528.2	99.5	173.7	151.5	22.19	7.826	
2,500.0	2,361.7	2,475.5	2,389.7	14.2	12.0	127.87		-559.9	106.3	189.8	166.6	23.18	8.188	
2,600.0	2,449.8	2,573.8	2,482.6	15.2	12.7	130.14		-591.6	113.0	206.3	182.2	24.16	8.539	
2,700.0	2,537.9	2,672.1	2,575.4	16.2	13.4	132.07		-623.3	119.8	223.1	198.0	25.14	8.874	
2,800.0	2,626.0	2,770.4	2,668.2	17.1	14.0	133.72		-655.0	126.5	240.1	214.0	26.12	9.193	
2,900.0	2,714.1	2,868.8	2,761.1	18.1	14.7	135.17		-686.7	133.3	257.2	230.1	27.09	9.494	
3,000.0	2,802.2	2,967.1	2,853.9	19.1	15.3	136.42		-718.4	140.0	274.5	246.5	28.07	9.779	
3,100.0	2,890.4	3,065.4	2,946.7	20.0	16.0	137.54		-750.0	146.7	291.9	262.9	29.06	10.047	
3,200.0	2,978.5	3,163.7	3,039.6	21.0	16.7	138.52		-781.7	153.5	309.4	279.4	30.04	10.300	
3,300.0	3,066.6	3,262.1	3,132.4	22.0	17.3	139.40		-813.4	160.2	327.0	296.0	31.03	10.539	
3,400.0	3,154.7	3,360.4	3,225.2	23.0	18.0	140.19		-845.1	167.0	344.7	312.7	32.02	10.764	
3,500.0	3,242.8	3,458.7	3,318.1	23.9	18.6	140.91		-876.8	173.7	362.4	329.4	33.02	10.976	
3,600.0	3,330.9	3,557.0	3,410.9	24.9	19.3	141.55		-908.5	180.5	380.1	346.1	34.01	11.177	
3,700.0	3,419.0	3,655.4	3,503.7	25.9	20.0	142.14		-940.2	187.2	397.9	362.9	35.01	11.366	
3,800.0	3,507.1	3,753.7	3,596.6	26.9	20.6	142.68		-971.8	194.0	415.8	379.8	36.01	11.545	
3,900.0	3,595.2	3,852.0	3,689.4	27.8	21.3	143.17		-1,003.5	200.7	433.6	396.6	37.02	11.715	
4,000.0	3,683.3	3,950.3	3,782.3	28.8	22.0	143.63		-1,035.2	207.4	451.5	413.5	38.02	11.876	
4,100.0	3,771.4	4,048.7	3,875.1	29.8	22.6	144.05		-1,066.9	214.2	469.5	430.4	39.03	12.029	
4,200.0	3,859.6	4,147.0	3,967.9	30.8	23.3	144.44		-1,098.6	220.9	487.4	447.4	40.04	12.174	
4,300.0	3,947.7	4,245.3	4,060.8	31.7	23.9	144.80		-1,130.3	227.7	505.4	464.3	41.05	12.312	
4,400.0	4,035.8	4,343.6	4,153.6	32.7	24.6	145.14		-1,162.0	234.4	523.4	481.3	42.06	12.444	
4,500.0	4,123.9	4,442.0	4,246.4	33.7	25.3	145.45		-1,193.6	241.2	541.4	498.3	43.07	12.569	
4,600.0	4,212.0	4,540.3	4,339.3	34.7	25.9	145.75		-1,225.3	247.9	559.4	515.3	44.09	12.688	
4,700.0	4,300.1	4,638.6	4,432.1	35.6	26.6	146.03		-1,257.0	254.7	577.4	532.3	45.10	12.803	
4,800.0	4,388.2	4,736.9	4,524.9	36.6	27.3	146.28		-1,288.7	261.4	595.5	549.3	46.12	12.912	
4,900.0	4,476.3	4,835.3	4,617.8	37.6	27.9	146.53		-1,320.4	268.1	613.5	566.4	47.14	13.016	
5,000.0	4,564.4	4,933.6	4,710.6	38.6	28.6	146.76		-1,352.1	274.9	631.6	583.4	48.15	13.116	
5,100.0	4,652.5	5,031.9	4,803.4	39.5	29.3	146.98		-1,383.8	281.6	649.6	600.5	49.17	13.211	
5,200.0	4,740.6	5,124.2	4,890.7	40.5	29.8	147.18		-1,413.3	287.9	667.9	617.8	50.11	13.328	
5,300.0	4,828.7	5,208.1	4,970.6	41.5	30.2	147.49		-1,438.2	293.2	687.9	637.1	50.85	13.528	
5,400.0	4,916.9	5,291.1	5,050.4	42.5	30.5	147.92		-1,460.6	298.0	709.9	658.5	51.47	13.793	
5,500.0	5,005.0	5,373.1	5,129.8	43.4	30.8	148.45		-1,480.4	302.2	734.0	682.1	51.99	14.120	
5,600.0	5,093.1	5,453.8	5,208.6	44.4	31.1	149.07		-1,497.8	305.9	760.2	707.8	52.40	14.507	
5,659.0	5,145.1	5,500.0	5,253.8	45.0	31.3	149.47		-1,506.8	307.8	776.6	724.0	52.62	14.761	
5,700.0	5,181.3	5,533.4	5,286.7	45.3	31.4	149.88		-1,512.8	309.1	788.2	735.6	52.69	14.961	
5,800.0	5,270.9	5,612.5	5,364.6	46.0	31.6	150.82		-1,525.6	311.8	816.0	763.2	52.79	15.458	
5,900.0	5,361.9	5,700.0	5,451.3	46.7	31.8	151.77		-1,537.4	314.3	842.9	790.1	52.81	15.960	
6,000.0	5,454.4	5,769.3	5,520.2	47.3	31.9	152.53		-1,544.8	315.9	868.9	816.0	52.86	16.438	
6,100.0	5,548.1	5,847.2	5,597.8	47.8	32.1	153.32		-1,551.2	317.3	894.1	841.2	52.83	16.925	
6,200.0	5,643.0	5,924.7	5,675.1	48.3	32.2	154.07		-1,555.5	318.2	918.3	865.6	52.74	17.411	
6,300.0	5,738.9	6,000.0	5,750.4	48.8	32.3	154.77		-1,557.8	318.7	941.7	889.1	52.62	17.898	
6,400.0	5,835.8	6,086.3	5,836.8	49.2	32.3	155.50		-1,558.2	318.8	964.0	911.6	52.41	18.394	
6,500.0	5,933.4	6,184.0	5,934.4	49.5	32.4	156.18		-1,558.2	318.8	983.7	931.5	52.18	18.854	
6,600.0	6,031.8	6,282.3	6,032.8	49.9	32.5	156.73		-1,558.2	318.8	1,000.3	948.3	51.97	19.246	
6,700.0	6,130.7	6,381.2	6,131.7	50.1	32.5	157.16		-1,558.2	318.8	1,013.8	962.0	51.80	19.570	
6,800.0	6,230.1	6,480.6	6,231.1	50.3	32.6	157.49		-1,558.2	318.8	1,024.1	972.4	51.65	19.826	

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

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Booth 24-26
Project:	SEC.26-T7N-R65W	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 9 Pad Sec.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (5-21-12)	Offset TVD Reference:	Offset Datum

Offset Design Booth 9 Pad Sec.26-T7N-R65W - Booth 7-26 - Wellbore #1 - Plan #1 (5-21-12)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
6,900.0	6,329.8	6,580.3	6,330.8	50.5	32.7	157.70	-1,558.2	318.8	1,031.2	979.7	51.52	20.014	
7,000.0	6,429.7	6,680.2	6,430.7	50.6	32.8	157.82	-1,558.2	318.8	1,035.1	983.7	51.41	20.133	
7,070.3	6,500.0	6,750.6	6,501.0	50.6	32.8	-47.93	-1,558.2	318.8	1,035.9	984.5	51.35	20.172	
7,100.0	6,529.7	6,780.2	6,530.7	50.6	32.8	-47.93	-1,558.2	318.8	1,035.9	984.5	51.41	20.149	
7,200.0	6,629.7	6,880.2	6,630.7	50.7	32.9	-47.93	-1,558.2	318.8	1,035.9	984.3	51.60	20.073	
7,300.0	6,729.7	6,980.2	6,730.7	50.7	33.0	-47.93	-1,558.2	318.8	1,035.9	984.1	51.80	19.997	
7,400.0	6,829.7	7,080.2	6,830.7	50.8	33.1	-47.93	-1,558.2	318.8	1,035.9	983.9	52.00	19.921	
7,500.0	6,929.7	7,180.2	6,930.7	50.8	33.2	-47.93	-1,558.2	318.8	1,035.9	983.7	52.20	19.844	
7,600.0	7,029.7	7,280.2	7,030.7	50.9	33.2	-47.93	-1,558.2	318.8	1,035.9	983.5	52.41	19.766	
7,700.0	7,129.7	7,380.2	7,130.7	51.0	33.3	-47.93	-1,558.2	318.8	1,035.9	983.3	52.62	19.687	
7,800.0	7,229.7	7,480.2	7,230.7	51.0	33.4	-47.93	-1,558.2	318.8	1,035.9	983.0	52.83	19.609	
7,900.0	7,329.7	7,580.2	7,330.7	51.1	33.5	-47.93	-1,558.2	318.8	1,035.9	982.8	53.04	19.529	
7,900.1	7,329.8	7,580.3	7,330.8	51.1	33.5	-47.93	-1,558.2	318.8	1,035.9	982.8	53.04	19.529	
7,910.3	7,340.0	7,584.6	7,335.0	51.1	33.5	-47.93	-1,558.2	318.8	1,035.9	982.8	53.06	19.524	

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Booth 24-26
Project:	SEC.26-T7N-R65W	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 9 Pad Sec.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (5-21-12)	Offset TVD Reference:	Offset Datum

Offset Design Booth 9 Pad Sec.26-T7N-R65W - Booth 8-26 - Wellbore #1 - Plan #1 (5-21-12)													Offset Site Error:	0.0 ft
Survey Program: 1-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	1.0	1.0	0.0	0.0	39.70	12.4	10.3	16.1	16.1	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	39.70	12.4	10.3	16.1	15.9	0.23	71.267		
200.0	200.0	201.0	201.0	0.3	0.3	39.70	12.4	10.3	16.1	15.4	0.68	23.835		
300.0	300.0	301.0	301.0	0.6	0.6	39.70	12.4	10.3	16.1	15.0	1.12	14.310		
400.0	400.0	401.0	401.0	0.8	0.8	45.92	11.1	11.5	16.0	14.4	1.55	10.285		
403.5	403.5	404.6	404.5	0.8	0.8	-107.86	11.0	11.6	16.0	14.4	1.57	10.190 CC, ES		
500.0	500.0	500.9	500.8	1.0	1.0	-96.01	7.3	15.0	16.8	14.9	1.96	8.593		
600.0	599.8	600.7	600.1	1.2	1.2	-86.03	0.9	21.0	19.3	17.0	2.38	8.124		
700.0	699.5	700.2	698.9	1.4	1.5	-79.40	-7.9	29.2	23.3	20.4	2.87	8.135		
800.0	798.7	799.6	797.1	1.7	1.8	-75.58	-19.3	39.8	28.4	25.0	3.42	8.318		
900.0	897.5	898.9	894.5	2.0	2.2	-73.66	-33.0	52.7	34.6	30.5	4.05	8.527		
1,000.0	995.6	997.9	991.0	2.3	2.6	-72.94	-49.3	67.8	41.6	36.8	4.79	8.695		
1,100.0	1,093.1	1,096.7	1,086.5	2.8	3.1	-72.92	-67.9	85.2	49.6	43.9	5.63	8.804		
1,200.0	1,189.6	1,195.3	1,180.8	3.2	3.7	-73.32	-88.8	104.8	58.4	51.8	6.60	8.855		
1,300.0	1,285.3	1,293.6	1,273.9	3.8	4.3	-73.95	-112.0	126.5	68.2	60.5	7.69	8.859		
1,400.0	1,379.8	1,391.7	1,365.6	4.4	5.0	-74.69	-137.5	150.3	78.8	69.9	8.92	8.828		
1,500.0	1,473.2	1,489.6	1,455.8	5.1	5.7	-75.47	-165.2	176.2	90.3	80.0	10.29	8.774		
1,600.0	1,565.2	1,587.6	1,544.9	5.9	6.6	-76.32	-195.2	204.1	102.6	90.8	11.79	8.698		
1,700.0	1,655.8	1,686.8	1,634.6	6.7	7.4	-78.27	-226.0	232.9	114.6	101.1	13.47	8.507		
1,800.0	1,744.9	1,785.9	1,724.3	7.6	8.3	-81.38	-256.8	261.7	126.2	110.9	15.31	8.244		
1,811.3	1,754.9	1,797.1	1,734.4	7.7	8.4	-81.79	-260.3	265.0	127.5	112.0	15.52	8.213		
1,900.0	1,833.1	1,884.8	1,813.8	8.5	9.2	-84.99	-287.6	290.4	138.0	120.7	17.23	8.008		
2,000.0	1,921.2	1,983.8	1,903.3	9.5	10.1	-88.06	-318.4	319.2	150.2	131.1	19.13	7.849		
2,100.0	2,009.3	2,082.7	1,992.9	10.4	10.9	-90.66	-349.2	347.9	162.8	141.7	21.02	7.743		
2,200.0	2,097.4	2,181.7	2,082.4	11.4	11.8	-92.89	-380.0	376.7	175.6	152.7	22.89	7.673		
2,300.0	2,185.5	2,280.6	2,172.0	12.3	12.7	-94.81	-410.8	405.4	188.7	164.0	24.74	7.628		
2,400.0	2,273.6	2,379.6	2,261.5	13.3	13.6	-96.48	-441.5	434.2	202.0	175.4	26.58	7.599		
2,500.0	2,361.7	2,478.5	2,351.1	14.2	14.5	-97.94	-472.3	462.9	215.4	187.0	28.41	7.582		
2,600.0	2,449.8	2,577.5	2,440.6	15.2	15.4	-99.24	-503.1	491.7	229.0	198.8	30.23	7.574		
2,700.0	2,537.9	2,676.5	2,530.1	16.2	16.3	-100.39	-533.9	520.4	242.6	210.6	32.04	7.572		
2,800.0	2,626.0	2,775.4	2,619.7	17.1	17.2	-101.41	-564.7	549.2	256.4	222.5	33.85	7.575		
2,900.0	2,714.1	2,874.4	2,709.2	18.1	18.1	-102.33	-595.5	577.9	270.2	234.5	35.64	7.580		
3,000.0	2,802.2	2,973.3	2,798.8	19.1	19.0	-103.16	-626.2	606.6	284.1	246.6	37.43	7.588		
3,100.0	2,890.4	3,072.3	2,888.3	20.0	19.9	-103.92	-657.0	635.4	298.0	258.8	39.22	7.598		
3,200.0	2,978.5	3,171.2	2,977.8	21.0	20.7	-104.61	-687.8	664.1	311.9	270.9	41.00	7.608		
3,300.0	3,066.6	3,270.2	3,067.4	22.0	21.6	-105.23	-718.6	692.9	326.0	283.2	42.78	7.619		
3,400.0	3,154.7	3,369.1	3,156.9	23.0	22.5	-105.81	-749.4	721.6	340.0	295.4	44.56	7.631		
3,500.0	3,242.8	3,468.1	3,246.5	23.9	23.4	-106.34	-780.1	750.4	354.1	307.7	46.33	7.642		
3,600.0	3,330.9	3,567.0	3,336.0	24.9	24.3	-106.83	-810.9	779.1	368.2	320.1	48.10	7.654		
3,700.0	3,419.0	3,666.0	3,425.6	25.9	25.2	-107.28	-841.7	807.9	382.3	332.4	49.87	7.666		
3,800.0	3,507.1	3,764.9	3,515.1	26.9	26.1	-107.71	-872.5	836.6	396.5	344.8	51.64	7.678		
3,900.0	3,595.2	3,863.9	3,604.6	27.8	27.0	-108.10	-903.3	865.4	410.6	357.2	53.40	7.690		
4,000.0	3,683.3	3,962.8	3,694.2	28.8	27.9	-108.46	-934.1	894.1	424.8	369.7	55.16	7.701		
4,100.0	3,771.4	4,061.8	3,783.7	29.8	28.8	-108.81	-964.8	922.8	439.0	382.1	56.93	7.712		
4,200.0	3,859.6	4,160.7	3,873.3	30.8	29.7	-109.13	-995.6	951.6	453.2	394.6	58.69	7.723		
4,300.0	3,947.7	4,259.7	3,962.8	31.7	30.6	-109.43	-1,026.4	980.3	467.5	407.0	60.45	7.734		
4,400.0	4,035.8	4,358.7	4,052.4	32.7	31.5	-109.71	-1,057.2	1,009.1	481.7	419.5	62.20	7.744		
4,500.0	4,123.9	4,457.6	4,141.9	33.7	32.4	-109.98	-1,088.0	1,037.8	496.0	432.0	63.96	7.754		
4,600.0	4,212.0	4,556.6	4,231.4	34.7	33.3	-110.23	-1,118.8	1,066.6	510.2	444.5	65.72	7.764		
4,700.0	4,300.1	4,655.5	4,321.0	35.6	34.2	-110.47	-1,149.5	1,095.3	524.5	457.0	67.47	7.774		
4,800.0	4,388.2	4,754.5	4,410.5	36.6	35.1	-110.70	-1,180.3	1,124.1	538.8	469.6	69.23	7.783		

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

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Booth 24-26
Project:	SEC.26-T7N-R65W	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 9 Pad Sec.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (5-21-12)	Offset TVD Reference:	Offset Datum

Offset Design Booth 9 Pad Sec.26-T7N-R65W - Booth 8-26 - Wellbore #1 - Plan #1 (5-21-12)													Offset Site Error:	0.0 ft
Survey Program: 1-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,900.0	4,476.3	4,853.4	4,500.1	37.6	36.0	-110.91	-1,211.1	1,152.8	553.1	482.1	70.98	7.792		
5,000.0	4,564.4	4,952.4	4,589.6	38.6	36.9	-111.12	-1,241.9	1,181.6	567.4	494.6	72.74	7.800		
5,100.0	4,652.5	5,051.3	4,679.2	39.5	37.8	-111.31	-1,272.7	1,210.3	581.7	507.2	74.49	7.809		
5,200.0	4,740.6	5,150.3	4,768.7	40.5	38.7	-111.49	-1,303.5	1,239.0	596.0	519.7	76.24	7.817		
5,300.0	4,828.7	5,249.2	4,858.2	41.5	39.6	-111.67	-1,334.2	1,267.8	610.3	532.3	77.99	7.825		
5,400.0	4,916.9	5,348.2	4,947.8	42.5	40.5	-111.84	-1,365.0	1,296.5	624.6	544.9	79.75	7.833		
5,500.0	5,005.0	5,447.1	5,037.3	43.4	41.4	-112.00	-1,395.8	1,325.3	638.9	557.5	81.50	7.840		
5,600.0	5,093.1	5,546.1	5,126.9	44.4	42.3	-112.15	-1,426.6	1,354.0	653.3	570.0	83.25	7.847		
5,659.0	5,145.1	5,604.5	5,179.7	45.0	42.8	-112.24	-1,444.8	1,371.0	661.7	577.5	84.28	7.852		
5,700.0	5,181.3	5,645.1	5,216.4	45.3	43.2	-112.38	-1,457.4	1,382.8	667.5	582.5	84.95	7.857		
5,800.0	5,270.9	5,744.2	5,306.1	46.0	44.1	-112.52	-1,488.2	1,411.6	680.6	594.1	86.53	7.866		
5,900.0	5,361.9	5,843.4	5,395.9	46.7	45.0	-112.37	-1,519.1	1,440.4	692.5	604.3	88.15	7.856		
6,000.0	5,454.4	5,942.5	5,485.6	47.3	45.9	-111.94	-1,549.9	1,469.2	703.0	613.2	89.81	7.828		
6,100.0	5,548.1	6,041.5	5,575.2	47.8	46.8	-111.25	-1,580.7	1,497.9	712.4	620.9	91.51	7.785		
6,200.0	5,643.0	6,140.2	5,664.5	48.3	47.7	-110.31	-1,611.4	1,526.6	720.8	627.6	93.21	7.733		
6,300.0	5,738.9	6,237.6	5,753.0	48.8	48.4	-109.23	-1,641.0	1,554.2	728.3	633.5	94.73	7.688		
6,400.0	5,835.8	6,335.3	5,843.2	49.2	49.0	-108.16	-1,668.5	1,579.9	735.1	639.1	96.04	7.654		
6,500.0	5,933.4	6,433.5	5,935.1	49.5	49.6	-107.10	-1,693.8	1,603.6	741.3	644.1	97.23	7.624		
6,600.0	6,031.8	6,532.4	6,028.8	49.9	50.1	-106.05	-1,717.0	1,625.3	746.8	648.5	98.29	7.598		
6,700.0	6,130.7	6,631.9	6,124.0	50.1	50.6	-105.00	-1,738.0	1,644.8	751.5	652.3	99.21	7.575		
6,800.0	6,230.1	6,732.0	6,220.8	50.3	51.0	-103.95	-1,756.6	1,662.2	755.5	655.5	100.01	7.555		
6,900.0	6,329.8	6,832.6	6,319.0	50.5	51.4	-102.89	-1,772.8	1,677.3	758.8	658.1	100.67	7.538		
7,000.0	6,429.7	6,933.8	6,418.4	50.6	51.7	-101.84	-1,786.5	1,690.1	761.3	660.1	101.20	7.523		
7,070.3	6,500.0	7,005.4	6,489.1	50.6	51.9	53.13	-1,794.7	1,697.8	762.6	661.1	101.50	7.513		
7,100.0	6,529.7	7,035.6	6,519.1	50.6	52.0	53.44	-1,797.7	1,700.6	763.0	661.4	101.61	7.510		
7,200.0	6,629.7	7,138.3	6,621.0	50.7	52.2	54.32	-1,806.4	1,708.7	764.4	662.5	101.92	7.501		
7,300.0	6,729.7	7,241.7	6,724.1	50.7	52.4	54.94	-1,812.4	1,714.4	765.5	663.4	102.15	7.494		
7,400.0	6,829.7	7,345.5	6,827.8	50.8	52.5	55.27	-1,815.8	1,717.4	766.1	663.8	102.32	7.488		
7,500.0	6,929.7	7,448.4	6,930.7	50.8	52.5	55.34	-1,816.4	1,718.1	766.3	663.8	102.45	7.480		
7,600.0	7,029.7	7,548.4	7,030.7	50.9	52.6	55.34	-1,816.4	1,718.1	766.3	663.7	102.56	7.472		
7,700.0	7,129.7	7,648.4	7,130.7	51.0	52.7	55.34	-1,816.4	1,718.1	766.3	663.6	102.67	7.463		
7,800.0	7,229.7	7,748.4	7,230.7	51.0	52.7	55.34	-1,816.4	1,718.1	766.3	663.5	102.78	7.455		
7,900.0	7,329.7	7,848.4	7,330.7	51.1	52.8	55.34	-1,816.4	1,718.1	766.3	663.4	102.90	7.447		
7,910.3	7,340.0	7,858.7	7,341.0	51.1	52.8	55.34	-1,816.4	1,718.1	766.3	663.4	102.91	7.446 SF		

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Booth 24-26
Project:	SEC.26-T7N-R65W	TVD Reference:	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 9 Pad Sec.26-T7N-R65W	MD Reference:	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Booth 24-26	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (5-21-12)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4909.0ft (Original Well Elev) Coordinates are relative to: Booth 24-26
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000 °
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.56°



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