ENSIGN Directional

Well Name: Booth 22-26

Surface Location: Booth 8 Pad Sec.26-T7N-R65W

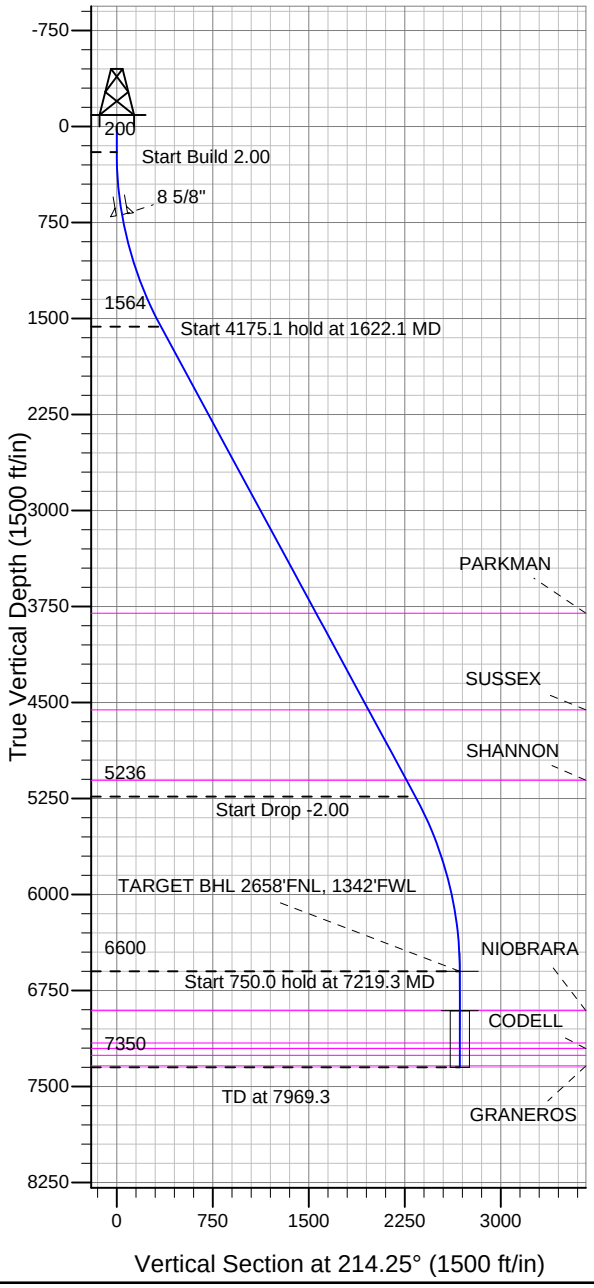
North American Datum 1983 US State Plane 1983 Colorado Northern Zone

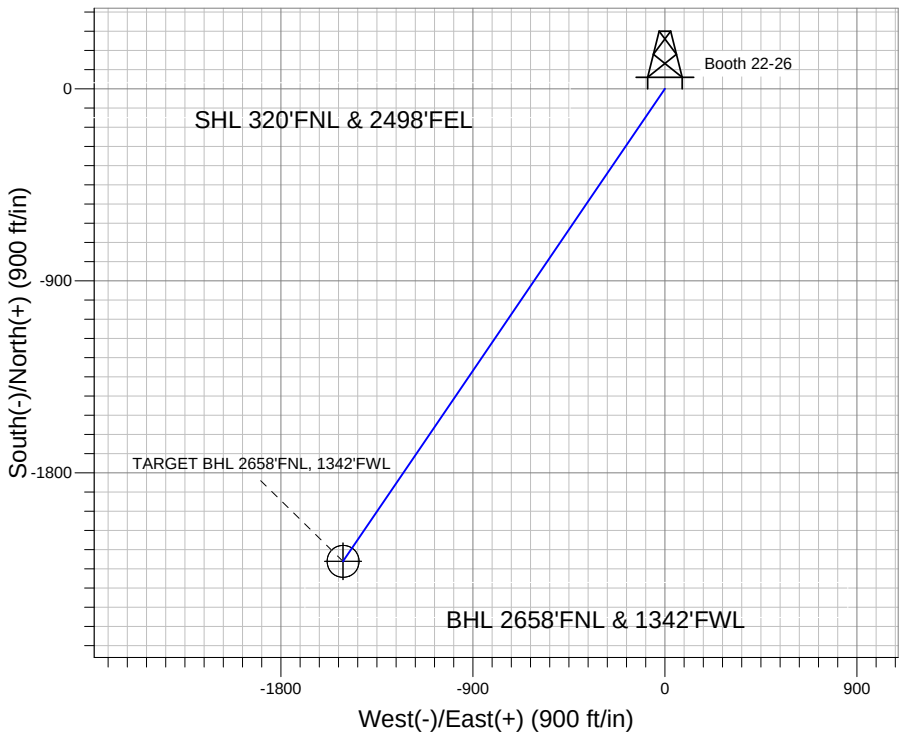
Ground Elevation: 4893.0

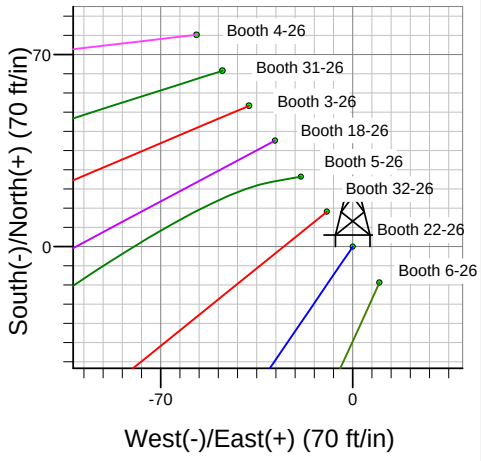
+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	1445150.82	3241880.22	40.552080	-104.629555	

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

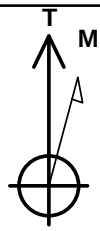
BAYSWATER EXPLORATION & PRODUCTION







Booth 8 Pad Sec.26-T7N-R65W
Booth 22-26
Plan #1 (6-11-12)
13:27, June 11 2012



Azimuths to True North
Magnetic North: 8.67°

Magnetic Field
Strength: 53120.3snT
Dip Angle: 67.16°
Date: 6/11/2012
Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 2658'FNL, 1342'FWL	6600.0	-2215.4	-1508.3	40.545999	-104.634982	Point
TARGET CIRCLE 2658'FNL & 1342'FWL	6908.0	-2215.4	-1508.3	40.545999	-104.634982	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	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	1622.1	28.44	214.25	1564.4	-285.8	-194.6	2.00	214.25	345.8	
4	5797.2	28.44	214.25	5235.6	-1929.5	-1313.7	0.00	0.00	2334.3	
5	7219.3	0.00	0.00	6600.0	-2215.4	-1508.3	2.00	180.00	2680.1	TARGET BHL 2658'FNL, 1342'FWL
6	7969.3	0.00	0.00	7350.0	-2215.4	-1508.3	0.00	0.00	2680.1	

ENSIGN Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.26-T7N-R65W
Booth 8 Pad Sec.26-T7N-R65W
Booth 22-26

Wellbore #1

Plan: Plan #1 (6-11-12)

Standard Planning Report

11 June, 2012

Database:	Landmark	**Local Co-ordinate Reference:**	Well Booth 22-26
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 8 Pad Sec.26-T7N-R65W	**North Reference:**	True
Well:	Booth 22-26	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (6-11-12)		

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 8 Pad Sec.26-T7N-R65W

Site Position:		**Northing:**	1,445,227.50 ft	**Latitude:**	40.552292
From:	Lat/Long	**Easting:**	3,241,822.49 ft	**Longitude:**	-104.629760
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.56 °

Well Booth 22-26

Well Position	**+N/-S**	-77.2 ft	**Northing:**	1,445,150.82 ft	**Latitude:**	40.552080
	+E/-W	57.0 ft	**Easting:**	3,241,880.22 ft	**Longitude:**	-104.629555
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	6/11/2012	8.67	67.16	53,120

Design Plan #1 (6-11-12)

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	214.25

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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,622.1	28.44	214.25	1,564.4	-285.8	-194.6	2.00	2.00	0.00	214.25	
5,797.2	28.44	214.25	5,235.6	-1,929.5	-1,313.7	0.00	0.00	0.00	0.00	
7,219.3	0.00	0.00	6,600.0	-2,215.4	-1,508.3	2.00	-2.00	0.00	180.00	TARGET BHL 2658
7,969.3	0.00	0.00	7,350.0	-2,215.4	-1,508.3	0.00	0.00	0.00	0.00	

Database:	Landmark	**Local Co-ordinate Reference:**	Well Booth 22-26
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 8 Pad Sec.26-T7N-R65W	**North Reference:**	True
Well:	Booth 22-26	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (6-11-12)		

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	0.80	214.25	240.0	-0.2	-0.2	0.3	2.00	2.00	0.00
280.0	1.60	214.25	280.0	-0.9	-0.6	1.1	2.00	2.00	0.00
320.0	2.40	214.25	320.0	-2.1	-1.4	2.5	2.00	2.00	0.00
360.0	3.20	214.25	359.9	-3.7	-2.5	4.5	2.00	2.00	0.00
400.0	4.00	214.25	399.8	-5.8	-3.9	7.0	2.00	2.00	0.00
440.0	4.80	214.25	439.7	-8.3	-5.7	10.0	2.00	2.00	0.00
480.0	5.60	214.25	479.6	-11.3	-7.7	13.7	2.00	2.00	0.00
520.0	6.40	214.25	519.3	-14.8	-10.0	17.9	2.00	2.00	0.00
560.0	7.20	214.25	559.1	-18.7	-12.7	22.6	2.00	2.00	0.00
600.0	8.00	214.25	598.7	-23.0	-15.7	27.9	2.00	2.00	0.00
640.0	8.80	214.25	638.3	-27.9	-19.0	33.7	2.00	2.00	0.00
680.0	9.60	214.25	677.8	-33.2	-22.6	40.1	2.00	2.00	0.00
692.4	9.85	214.25	690.0	-34.9	-23.8	42.2	2.00	2.00	0.00
8 5/8"									
720.0	10.40	214.25	717.1	-38.9	-26.5	47.1	2.00	2.00	0.00
760.0	11.20	214.25	756.4	-45.1	-30.7	54.6	2.00	2.00	0.00
800.0	12.00	214.25	795.6	-51.7	-35.2	62.6	2.00	2.00	0.00
840.0	12.80	214.25	834.7	-58.8	-40.1	71.2	2.00	2.00	0.00
880.0	13.60	214.25	873.6	-66.4	-45.2	80.3	2.00	2.00	0.00
920.0	14.40	214.25	912.4	-74.4	-50.7	90.0	2.00	2.00	0.00
960.0	15.20	214.25	951.1	-82.8	-56.4	100.2	2.00	2.00	0.00
1,000.0	16.00	214.25	989.6	-91.7	-62.5	111.0	2.00	2.00	0.00
1,040.0	16.80	214.25	1,028.0	-101.1	-68.8	122.3	2.00	2.00	0.00
1,080.0	17.60	214.25	1,066.2	-110.8	-75.5	134.1	2.00	2.00	0.00
1,120.0	18.40	214.25	1,104.3	-121.1	-82.4	146.5	2.00	2.00	0.00
1,160.0	19.20	214.25	1,142.1	-131.7	-89.7	159.3	2.00	2.00	0.00
1,200.0	20.00	214.25	1,179.8	-142.8	-97.2	172.8	2.00	2.00	0.00
1,240.0	20.80	214.25	1,217.3	-154.3	-105.1	186.7	2.00	2.00	0.00
1,280.0	21.60	214.25	1,254.6	-166.3	-113.2	201.2	2.00	2.00	0.00
1,320.0	22.40	214.25	1,291.7	-178.7	-121.6	216.2	2.00	2.00	0.00
1,360.0	23.20	214.25	1,328.6	-191.5	-130.4	231.7	2.00	2.00	0.00
1,400.0	24.00	214.25	1,365.2	-204.7	-139.4	247.7	2.00	2.00	0.00
1,440.0	24.80	214.25	1,401.6	-218.4	-148.7	264.2	2.00	2.00	0.00
1,480.0	25.60	214.25	1,437.8	-232.5	-158.3	281.2	2.00	2.00	0.00
1,520.0	26.40	214.25	1,473.8	-247.0	-168.1	298.8	2.00	2.00	0.00
1,560.0	27.20	214.25	1,509.5	-261.9	-178.3	316.8	2.00	2.00	0.00
1,600.0	28.00	214.25	1,544.9	-277.2	-188.7	335.3	2.00	2.00	0.00
1,622.1	28.44	214.25	1,564.4	-285.8	-194.6	345.8	2.00	2.00	0.00
1,640.0	28.44	214.25	1,580.1	-292.9	-199.4	354.3	0.00	0.00	0.00
1,680.0	28.44	214.25	1,615.3	-308.6	-210.1	373.4	0.00	0.00	0.00
1,720.0	28.44	214.25	1,650.5	-324.4	-220.8	392.4	0.00	0.00	0.00
1,760.0	28.44	214.25	1,685.7	-340.1	-231.6	411.5	0.00	0.00	0.00
1,800.0	28.44	214.25	1,720.8	-355.9	-242.3	430.5	0.00	0.00	0.00
1,840.0	28.44	214.25	1,756.0	-371.6	-253.0	449.6	0.00	0.00	0.00
1,880.0	28.44	214.25	1,791.2	-387.4	-263.7	468.6	0.00	0.00	0.00
1,920.0	28.44	214.25	1,826.4	-403.1	-274.4	487.7	0.00	0.00	0.00
1,960.0	28.44	214.25	1,861.5	-418.9	-285.2	506.7	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Booth 22-26
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 8 Pad Sec.26-T7N-R65W	**North Reference:**	True
Well:	Booth 22-26	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (6-11-12)		

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	28.44	214.25	1,896.7	-434.6	-295.9	525.8	0.00	0.00	0.00
2,040.0	28.44	214.25	1,931.9	-450.4	-306.6	544.8	0.00	0.00	0.00
2,080.0	28.44	214.25	1,967.0	-466.1	-317.3	563.9	0.00	0.00	0.00
2,120.0	28.44	214.25	2,002.2	-481.8	-328.0	582.9	0.00	0.00	0.00
2,160.0	28.44	214.25	2,037.4	-497.6	-338.8	602.0	0.00	0.00	0.00
2,200.0	28.44	214.25	2,072.6	-513.3	-349.5	621.0	0.00	0.00	0.00
2,240.0	28.44	214.25	2,107.7	-529.1	-360.2	640.1	0.00	0.00	0.00
2,280.0	28.44	214.25	2,142.9	-544.8	-370.9	659.1	0.00	0.00	0.00
2,320.0	28.44	214.25	2,178.1	-560.6	-381.7	678.2	0.00	0.00	0.00
2,360.0	28.44	214.25	2,213.2	-576.3	-392.4	697.2	0.00	0.00	0.00
2,400.0	28.44	214.25	2,248.4	-592.1	-403.1	716.3	0.00	0.00	0.00
2,440.0	28.44	214.25	2,283.6	-607.8	-413.8	735.3	0.00	0.00	0.00
2,480.0	28.44	214.25	2,318.8	-623.6	-424.5	754.4	0.00	0.00	0.00
2,520.0	28.44	214.25	2,353.9	-639.3	-435.3	773.4	0.00	0.00	0.00
2,560.0	28.44	214.25	2,389.1	-655.1	-446.0	792.5	0.00	0.00	0.00
2,600.0	28.44	214.25	2,424.3	-670.8	-456.7	811.5	0.00	0.00	0.00
2,640.0	28.44	214.25	2,459.4	-686.6	-467.4	830.6	0.00	0.00	0.00
2,680.0	28.44	214.25	2,494.6	-702.3	-478.1	849.6	0.00	0.00	0.00
2,720.0	28.44	214.25	2,529.8	-718.1	-488.9	868.7	0.00	0.00	0.00
2,760.0	28.44	214.25	2,565.0	-733.8	-499.6	887.7	0.00	0.00	0.00
2,800.0	28.44	214.25	2,600.1	-749.6	-510.3	906.8	0.00	0.00	0.00
2,840.0	28.44	214.25	2,635.3	-765.3	-521.0	925.8	0.00	0.00	0.00
2,880.0	28.44	214.25	2,670.5	-781.1	-531.8	944.9	0.00	0.00	0.00
2,920.0	28.44	214.25	2,705.6	-796.8	-542.5	963.9	0.00	0.00	0.00
2,960.0	28.44	214.25	2,740.8	-812.6	-553.2	983.0	0.00	0.00	0.00
3,000.0	28.44	214.25	2,776.0	-828.3	-563.9	1,002.0	0.00	0.00	0.00
3,040.0	28.44	214.25	2,811.2	-844.0	-574.6	1,021.1	0.00	0.00	0.00
3,080.0	28.44	214.25	2,846.3	-859.8	-585.4	1,040.1	0.00	0.00	0.00
3,120.0	28.44	214.25	2,881.5	-875.5	-596.1	1,059.2	0.00	0.00	0.00
3,160.0	28.44	214.25	2,916.7	-891.3	-606.8	1,078.2	0.00	0.00	0.00
3,200.0	28.44	214.25	2,951.9	-907.0	-617.5	1,097.3	0.00	0.00	0.00
3,240.0	28.44	214.25	2,987.0	-922.8	-628.2	1,116.3	0.00	0.00	0.00
3,280.0	28.44	214.25	3,022.2	-938.5	-639.0	1,135.4	0.00	0.00	0.00
3,320.0	28.44	214.25	3,057.4	-954.3	-649.7	1,154.4	0.00	0.00	0.00
3,360.0	28.44	214.25	3,092.5	-970.0	-660.4	1,173.5	0.00	0.00	0.00
3,400.0	28.44	214.25	3,127.7	-985.8	-671.1	1,192.6	0.00	0.00	0.00
3,440.0	28.44	214.25	3,162.9	-1,001.5	-681.9	1,211.6	0.00	0.00	0.00
3,480.0	28.44	214.25	3,198.1	-1,017.3	-692.6	1,230.7	0.00	0.00	0.00
3,520.0	28.44	214.25	3,233.2	-1,033.0	-703.3	1,249.7	0.00	0.00	0.00
3,560.0	28.44	214.25	3,268.4	-1,048.8	-714.0	1,268.8	0.00	0.00	0.00
3,600.0	28.44	214.25	3,303.6	-1,064.5	-724.7	1,287.8	0.00	0.00	0.00
3,640.0	28.44	214.25	3,338.7	-1,080.3	-735.5	1,306.9	0.00	0.00	0.00
3,680.0	28.44	214.25	3,373.9	-1,096.0	-746.2	1,325.9	0.00	0.00	0.00
3,720.0	28.44	214.25	3,409.1	-1,111.8	-756.9	1,345.0	0.00	0.00	0.00
3,760.0	28.44	214.25	3,444.3	-1,127.5	-767.6	1,364.0	0.00	0.00	0.00
3,800.0	28.44	214.25	3,479.4	-1,143.3	-778.3	1,383.1	0.00	0.00	0.00
3,840.0	28.44	214.25	3,514.6	-1,159.0	-789.1	1,402.1	0.00	0.00	0.00
3,880.0	28.44	214.25	3,549.8	-1,174.8	-799.8	1,421.2	0.00	0.00	0.00
3,920.0	28.44	214.25	3,584.9	-1,190.5	-810.5	1,440.2	0.00	0.00	0.00
3,960.0	28.44	214.25	3,620.1	-1,206.2	-821.2	1,459.3	0.00	0.00	0.00
4,000.0	28.44	214.25	3,655.3	-1,222.0	-832.0	1,478.3	0.00	0.00	0.00
4,040.0	28.44	214.25	3,690.5	-1,237.7	-842.7	1,497.4	0.00	0.00	0.00
4,080.0	28.44	214.25	3,725.6	-1,253.5	-853.4	1,516.4	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Booth 22-26
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 8 Pad Sec.26-T7N-R65W	**North Reference:**	True
Well:	Booth 22-26	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (6-11-12)		

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)
4,120.0	28.44	214.25	3,760.8	-1,269.2	-864.1	1,535.5	0.00	0.00	0.00
4,160.0	28.44	214.25	3,796.0	-1,285.0	-874.8	1,554.5	0.00	0.00	0.00
4,168.0	28.44	214.25	3,803.0	-1,288.1	-877.0	1,558.3	0.00	0.00	0.00
PARKMAN									
4,200.0	28.44	214.25	3,831.1	-1,300.7	-885.6	1,573.6	0.00	0.00	0.00
4,240.0	28.44	214.25	3,866.3	-1,316.5	-896.3	1,592.6	0.00	0.00	0.00
4,280.0	28.44	214.25	3,901.5	-1,332.2	-907.0	1,611.7	0.00	0.00	0.00
4,320.0	28.44	214.25	3,936.7	-1,348.0	-917.7	1,630.7	0.00	0.00	0.00
4,360.0	28.44	214.25	3,971.8	-1,363.7	-928.4	1,649.8	0.00	0.00	0.00
4,400.0	28.44	214.25	4,007.0	-1,379.5	-939.2	1,668.8	0.00	0.00	0.00
4,440.0	28.44	214.25	4,042.2	-1,395.2	-949.9	1,687.9	0.00	0.00	0.00
4,480.0	28.44	214.25	4,077.4	-1,411.0	-960.6	1,706.9	0.00	0.00	0.00
4,520.0	28.44	214.25	4,112.5	-1,426.7	-971.3	1,726.0	0.00	0.00	0.00
4,560.0	28.44	214.25	4,147.7	-1,442.5	-982.1	1,745.0	0.00	0.00	0.00
4,600.0	28.44	214.25	4,182.9	-1,458.2	-992.8	1,764.1	0.00	0.00	0.00
4,640.0	28.44	214.25	4,218.0	-1,474.0	-1,003.5	1,783.1	0.00	0.00	0.00
4,680.0	28.44	214.25	4,253.2	-1,489.7	-1,014.2	1,802.2	0.00	0.00	0.00
4,720.0	28.44	214.25	4,288.4	-1,505.5	-1,024.9	1,821.2	0.00	0.00	0.00
4,760.0	28.44	214.25	4,323.6	-1,521.2	-1,035.7	1,840.3	0.00	0.00	0.00
4,800.0	28.44	214.25	4,358.7	-1,537.0	-1,046.4	1,859.3	0.00	0.00	0.00
4,840.0	28.44	214.25	4,393.9	-1,552.7	-1,057.1	1,878.4	0.00	0.00	0.00
4,880.0	28.44	214.25	4,429.1	-1,568.4	-1,067.8	1,897.4	0.00	0.00	0.00
4,920.0	28.44	214.25	4,464.2	-1,584.2	-1,078.5	1,916.5	0.00	0.00	0.00
4,960.0	28.44	214.25	4,499.4	-1,599.9	-1,089.3	1,935.5	0.00	0.00	0.00
5,000.0	28.44	214.25	4,534.6	-1,615.7	-1,100.0	1,954.6	0.00	0.00	0.00
5,026.6	28.44	214.25	4,558.0	-1,626.2	-1,107.1	1,967.3	0.00	0.00	0.00
SUSSEX									
5,040.0	28.44	214.25	4,569.8	-1,631.4	-1,110.7	1,973.6	0.00	0.00	0.00
5,080.0	28.44	214.25	4,604.9	-1,647.2	-1,121.4	1,992.7	0.00	0.00	0.00
5,120.0	28.44	214.25	4,640.1	-1,662.9	-1,132.2	2,011.7	0.00	0.00	0.00
5,160.0	28.44	214.25	4,675.3	-1,678.7	-1,142.9	2,030.8	0.00	0.00	0.00
5,200.0	28.44	214.25	4,710.4	-1,694.4	-1,153.6	2,049.8	0.00	0.00	0.00
5,240.0	28.44	214.25	4,745.6	-1,710.2	-1,164.3	2,068.9	0.00	0.00	0.00
5,280.0	28.44	214.25	4,780.8	-1,725.9	-1,175.0	2,087.9	0.00	0.00	0.00
5,320.0	28.44	214.25	4,816.0	-1,741.7	-1,185.8	2,107.0	0.00	0.00	0.00
5,360.0	28.44	214.25	4,851.1	-1,757.4	-1,196.5	2,126.1	0.00	0.00	0.00
5,400.0	28.44	214.25	4,886.3	-1,773.2	-1,207.2	2,145.1	0.00	0.00	0.00
5,440.0	28.44	214.25	4,921.5	-1,788.9	-1,217.9	2,164.2	0.00	0.00	0.00
5,480.0	28.44	214.25	4,956.6	-1,804.7	-1,228.6	2,183.2	0.00	0.00	0.00
5,520.0	28.44	214.25	4,991.8	-1,820.4	-1,239.4	2,202.3	0.00	0.00	0.00
5,560.0	28.44	214.25	5,027.0	-1,836.2	-1,250.1	2,221.3	0.00	0.00	0.00
5,600.0	28.44	214.25	5,062.2	-1,851.9	-1,260.8	2,240.4	0.00	0.00	0.00
5,640.0	28.44	214.25	5,097.3	-1,867.7	-1,271.5	2,259.4	0.00	0.00	0.00
5,652.1	28.44	214.25	5,108.0	-1,872.4	-1,274.8	2,265.2	0.00	0.00	0.00
SHANNON									
5,680.0	28.44	214.25	5,132.5	-1,883.4	-1,282.2	2,278.5	0.00	0.00	0.00
5,720.0	28.44	214.25	5,167.7	-1,899.2	-1,293.0	2,297.5	0.00	0.00	0.00
5,760.0	28.44	214.25	5,202.8	-1,914.9	-1,303.7	2,316.6	0.00	0.00	0.00
5,797.2	28.44	214.25	5,235.6	-1,929.5	-1,313.7	2,334.3	0.00	0.00	0.00
5,800.0	28.39	214.25	5,238.0	-1,930.6	-1,314.4	2,335.6	2.00	-2.00	0.00
5,840.0	27.59	214.25	5,273.3	-1,946.2	-1,325.0	2,354.4	2.00	-2.00	0.00
5,880.0	26.79	214.25	5,308.9	-1,961.3	-1,335.3	2,372.7	2.00	-2.00	0.00
5,920.0	25.99	214.25	5,344.8	-1,976.0	-1,345.3	2,390.4	2.00	-2.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Booth 22-26
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 8 Pad Sec.26-T7N-R65W	**North Reference:**	True
Well:	Booth 22-26	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (6-11-12)		

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	25.19	214.25	5,380.8	-1,990.2	-1,355.0	2,407.7	2.00	-2.00	0.00
6,000.0	24.39	214.25	5,417.1	-2,004.1	-1,364.4	2,424.5	2.00	-2.00	0.00
6,040.0	23.59	214.25	5,453.7	-2,017.5	-1,373.6	2,440.7	2.00	-2.00	0.00
6,080.0	22.79	214.25	5,490.5	-2,030.6	-1,382.4	2,456.5	2.00	-2.00	0.00
6,120.0	21.99	214.25	5,527.4	-2,043.2	-1,391.0	2,471.7	2.00	-2.00	0.00
6,160.0	21.19	214.25	5,564.6	-2,055.3	-1,399.3	2,486.4	2.00	-2.00	0.00
6,200.0	20.39	214.25	5,602.0	-2,067.1	-1,407.3	2,500.6	2.00	-2.00	0.00
6,240.0	19.59	214.25	5,639.6	-2,078.4	-1,415.0	2,514.3	2.00	-2.00	0.00
6,280.0	18.79	214.25	5,677.4	-2,089.2	-1,422.4	2,527.5	2.00	-2.00	0.00
6,320.0	17.99	214.25	5,715.4	-2,099.7	-1,429.5	2,540.1	2.00	-2.00	0.00
6,360.0	17.19	214.25	5,753.5	-2,109.6	-1,436.3	2,552.2	2.00	-2.00	0.00
6,400.0	16.39	214.25	5,791.8	-2,119.2	-1,442.8	2,563.7	2.00	-2.00	0.00
6,440.0	15.59	214.25	5,830.2	-2,128.3	-1,449.0	2,574.7	2.00	-2.00	0.00
6,480.0	14.79	214.25	5,868.8	-2,137.0	-1,454.9	2,585.2	2.00	-2.00	0.00
6,520.0	13.99	214.25	5,907.6	-2,145.2	-1,460.5	2,595.1	2.00	-2.00	0.00
6,560.0	13.19	214.25	5,946.5	-2,152.9	-1,465.8	2,604.5	2.00	-2.00	0.00
6,600.0	12.39	214.25	5,985.5	-2,160.3	-1,470.7	2,613.4	2.00	-2.00	0.00
6,640.0	11.59	214.25	6,024.6	-2,167.1	-1,475.4	2,621.7	2.00	-2.00	0.00
6,680.0	10.79	214.25	6,063.8	-2,173.5	-1,479.8	2,629.5	2.00	-2.00	0.00
6,720.0	9.99	214.25	6,103.2	-2,179.5	-1,483.8	2,636.7	2.00	-2.00	0.00
6,760.0	9.19	214.25	6,142.6	-2,185.0	-1,487.6	2,643.3	2.00	-2.00	0.00
6,800.0	8.39	214.25	6,182.2	-2,190.1	-1,491.0	2,649.4	2.00	-2.00	0.00
6,840.0	7.59	214.25	6,221.8	-2,194.7	-1,494.2	2,655.0	2.00	-2.00	0.00
6,880.0	6.79	214.25	6,261.5	-2,198.8	-1,497.0	2,660.0	2.00	-2.00	0.00
6,920.0	5.99	214.25	6,301.2	-2,202.5	-1,499.5	2,664.5	2.00	-2.00	0.00
6,960.0	5.19	214.25	6,341.0	-2,205.7	-1,501.7	2,668.3	2.00	-2.00	0.00
7,000.0	4.39	214.25	6,380.9	-2,208.4	-1,503.5	2,671.7	2.00	-2.00	0.00
7,040.0	3.59	214.25	6,420.8	-2,210.7	-1,505.1	2,674.5	2.00	-2.00	0.00
7,080.0	2.79	214.25	6,460.7	-2,212.6	-1,506.4	2,676.7	2.00	-2.00	0.00
7,120.0	1.99	214.25	6,500.7	-2,214.0	-1,507.3	2,678.4	2.00	-2.00	0.00
7,160.0	1.19	214.25	6,540.7	-2,214.9	-1,507.9	2,679.5	2.00	-2.00	0.00
7,200.0	0.39	214.25	6,580.7	-2,215.3	-1,508.2	2,680.0	2.00	-2.00	0.00
7,219.3	0.00	0.00	6,600.0	-2,215.4	-1,508.3	2,680.1	2.00	-2.00	753.84
TARGET BHL 2658'FNL, 1342'FWL									
7,240.0	0.00	0.00	6,620.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,280.0	0.00	0.00	6,660.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,320.0	0.00	0.00	6,700.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,360.0	0.00	0.00	6,740.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,400.0	0.00	0.00	6,780.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,440.0	0.00	0.00	6,820.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,480.0	0.00	0.00	6,860.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,520.0	0.00	0.00	6,900.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,527.3	0.00	0.00	6,908.0	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
NIOBRARA - TARGET CIRCLE 2658'FNL & 1342'FWL									
7,560.0	0.00	0.00	6,940.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,600.0	0.00	0.00	6,980.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,640.0	0.00	0.00	7,020.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,680.0	0.00	0.00	7,060.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,720.0	0.00	0.00	7,100.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,760.0	0.00	0.00	7,140.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,779.3	0.00	0.00	7,160.0	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
FORT HAYS									
7,800.0	0.00	0.00	7,180.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Booth 22-26
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 8 Pad Sec.26-T7N-R65W	**North Reference:**	True
Well:	Booth 22-26	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (6-11-12)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,823.3	0.00	0.00	7,204.0	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
CODELL									
7,840.0	0.00	0.00	7,220.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,875.3	0.00	0.00	7,256.0	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
GREENHORN									
7,880.0	0.00	0.00	7,260.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,920.0	0.00	0.00	7,300.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,957.3	0.00	0.00	7,338.0	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
GRANEROS									
7,960.0	0.00	0.00	7,340.7	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00
7,969.3	0.00	0.00	7,350.0	-2,215.4	-1,508.3	2,680.1	0.00	0.00	0.00

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
692.4	690.0	8 5/8"	8-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,168.0	3,803.0	PARKMAN		0.00	
5,026.6	4,558.0	SUSSEX		0.00	
5,652.1	5,108.0	SHANNON		0.00	
7,527.3	6,908.0	NIOBRARA		0.00	
7,779.3	7,160.0	FORT HAYS		0.00	
7,823.3	7,204.0	CODELL		0.00	
7,875.3	7,256.0	GREENHORN		0.00	
7,957.3	7,338.0	GRANEROS		0.00	

ENSIGN
Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.26-T7N-R65W
Booth 8 Pad Sec.26-T7N-R65W
Booth 22-26

Wellbore #1
Plan #1 (6-11-12)

Anticollision Report

11 June, 2012

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Booth 22-26
Project:	SEC.26-T7N-R65W	**TVD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 8 Pad Sec.26-T7N-R65W	**MD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Booth 22-26	**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 (6-11-12)	**Offset TVD Reference:**	Offset Datum

Reference Plan #1 (6-11-12)

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.0ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**		

Survey Tool Program **Date** 6/11/2012

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	7,969.3	Plan #1 (6-11-12) (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
Booth 8 Pad Sec.26-T7N-R65W						
Booth 32-26 - Wellbore #1 - Plan #1 (5-22-12)	153.4	153.4	15.9	15.4	34.655	CC
Booth 32-26 - Wellbore #1 - Plan #1 (5-22-12)	200.0	200.0	15.9	15.2	24.053	ES
Booth 32-26 - Wellbore #1 - Plan #1 (5-22-12)	5,797.2	5,724.7	777.6	682.3	8.165	SF
Booth 6-26 - Wellbore #1 - Plan #1 (6-11-12)	100.0	100.0	16.3	16.1	72.661	CC, ES
Booth 6-26 - Wellbore #1 - Plan #1 (6-11-12)	1,800.0	1,785.7	87.5	69.5	4.866	SF

Offset Design Booth 8 Pad Sec.26-T7N-R65W - Booth 32-26 - Wellbore #1 - Plan #1 (5-22-12)

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	-36.54	12.8	-9.4	15.9	15.9	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	-36.54	12.8	-9.4	15.9	15.6	0.22	70.608	
153.4	153.4	153.4	153.4	0.2	0.2	-38.33	12.4	-9.8	15.9	15.4	0.46	34.655	CC
200.0	200.0	200.0	200.0	0.3	0.3	-42.84	11.7	-10.8	15.9	15.2	0.66	24.053	ES
300.0	300.0	299.8	299.7	0.5	0.6	90.97	8.4	-14.9	17.0	15.9	1.09	15.585	
400.0	399.8	399.5	399.0	0.8	0.8	81.76	2.9	-21.6	19.7	18.2	1.56	12.656	
500.0	499.5	499.1	497.8	1.0	1.1	75.87	-4.7	-31.0	23.8	21.7	2.09	11.381	
600.0	598.7	598.4	595.9	1.3	1.5	72.62	-14.4	-43.1	28.9	26.2	2.68	10.748	
700.0	697.5	697.6	693.3	1.6	1.9	71.11	-26.3	-57.8	34.9	31.5	3.36	10.373	
800.0	795.6	796.6	789.7	2.0	2.3	70.69	-40.2	-75.0	41.8	37.7	4.14	10.102	
900.0	893.1	895.4	885.2	2.5	2.8	70.91	-56.2	-94.8	49.6	44.6	5.02	9.874	
1,000.0	989.6	993.9	979.5	3.0	3.4	71.50	-74.2	-117.0	58.2	52.2	6.02	9.666	
1,100.0	1,085.3	1,092.3	1,072.5	3.5	4.1	72.28	-94.2	-141.8	67.7	60.6	7.15	9.473	
1,200.0	1,179.8	1,190.4	1,164.2	4.2	4.8	73.15	-116.1	-168.9	78.0	69.6	8.40	9.292	
1,300.0	1,273.2	1,288.2	1,254.4	4.9	5.5	74.05	-139.9	-198.4	89.2	79.5	9.78	9.126	
1,400.0	1,365.2	1,385.8	1,343.1	5.6	6.4	74.94	-165.6	-230.1	101.3	90.0	11.29	8.971	
1,500.0	1,455.8	1,483.1	1,430.0	6.5	7.2	75.79	-193.1	-264.1	114.1	101.2	12.93	8.830	
1,600.0	1,544.9	1,580.2	1,515.2	7.3	8.2	76.59	-222.3	-300.3	127.8	113.2	14.69	8.701	
1,622.1	1,564.4	1,601.6	1,533.8	7.5	8.4	76.76	-229.0	-308.6	131.0	115.9	15.10	8.676	
1,700.0	1,632.9	1,677.0	1,598.6	8.3	9.2	77.15	-253.3	-338.6	142.6	126.1	16.55	8.618	
1,800.0	1,720.8	1,775.8	1,682.8	9.2	10.3	77.17	-285.7	-378.8	158.1	139.7	18.42	8.581	

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

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Booth 22-26
Project:	SEC.26-T7N-R65W	**TVD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 8 Pad Sec.26-T7N-R65W	**MD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Booth 22-26	**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 (6-11-12)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8 Pad Sec.26-T7N-R65W - Booth 32-26 - Wellbore #1 - Plan #1 (5-22-12)

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
1,900.0	1,808.8	1,874.6	1,767.0	10.2	11.3	77.18	-318.2	-418.9	173.6	153.3	20.31	8.547	
2,000.0	1,896.7	1,973.4	1,851.2	11.1	12.4	77.18	-350.7	-459.1	189.1	166.9	22.21	8.515	
2,100.0	1,984.6	2,072.2	1,935.4	12.1	13.5	77.19	-383.1	-499.3	204.6	180.5	24.11	8.487	
2,200.0	2,072.6	2,171.0	2,019.6	13.0	14.6	77.20	-415.6	-539.5	220.1	194.1	26.01	8.461	
2,300.0	2,160.5	2,269.8	2,103.8	14.0	15.7	77.20	-448.1	-579.6	235.6	207.7	27.92	8.438	
2,400.0	2,248.4	2,368.5	2,188.0	14.9	16.8	77.21	-480.5	-619.8	251.1	221.3	29.83	8.417	
2,500.0	2,336.3	2,467.3	2,272.3	15.9	17.8	77.21	-513.0	-660.0	266.6	234.8	31.74	8.398	
2,600.0	2,424.3	2,566.1	2,356.5	16.8	18.9	77.22	-545.5	-700.1	282.1	248.4	33.66	8.380	
2,700.0	2,512.2	2,664.9	2,440.7	17.8	20.0	77.22	-577.9	-740.3	297.6	262.0	35.58	8.364	
2,800.0	2,600.1	2,763.7	2,524.9	18.7	21.1	77.22	-610.4	-780.5	313.1	275.6	37.50	8.350	
2,900.0	2,688.1	2,862.5	2,609.1	19.7	22.2	77.23	-642.9	-820.7	328.6	289.2	39.42	8.336	
3,000.0	2,776.0	2,961.3	2,693.3	20.7	23.3	77.23	-675.4	-860.8	344.1	302.7	41.34	8.324	
3,100.0	2,863.9	3,060.1	2,777.5	21.6	24.4	77.23	-707.8	-901.0	359.6	316.3	43.26	8.312	
3,200.0	2,951.9	3,158.9	2,861.7	22.6	25.5	77.23	-740.3	-941.2	375.1	329.9	45.18	8.301	
3,300.0	3,039.8	3,257.7	2,946.0	23.5	26.6	77.24	-772.8	-981.4	390.6	343.5	47.10	8.291	
3,400.0	3,127.7	3,356.5	3,030.2	24.5	27.7	77.24	-805.2	-1,021.5	406.1	357.0	49.03	8.282	
3,500.0	3,215.6	3,455.3	3,114.4	25.5	28.8	77.24	-837.7	-1,061.7	421.6	370.6	50.95	8.274	
3,600.0	3,303.6	3,554.0	3,198.6	26.4	29.8	77.24	-870.2	-1,101.9	437.1	384.2	52.88	8.265	
3,700.0	3,391.5	3,652.8	3,282.8	27.4	30.9	77.24	-902.6	-1,142.0	452.6	397.8	54.80	8.258	
3,800.0	3,479.4	3,751.6	3,367.0	28.4	32.0	77.24	-935.1	-1,182.2	468.1	411.3	56.73	8.251	
3,900.0	3,567.4	3,850.4	3,451.2	29.3	33.1	77.25	-967.6	-1,222.4	483.6	424.9	58.65	8.244	
4,000.0	3,655.3	3,949.2	3,535.4	30.3	34.2	77.25	-1,000.0	-1,262.6	499.0	438.5	60.58	8.238	
4,100.0	3,743.2	4,048.0	3,619.7	31.2	35.3	77.25	-1,032.5	-1,302.7	514.5	452.0	62.51	8.232	
4,200.0	3,831.1	4,146.8	3,703.9	32.2	36.4	77.25	-1,065.0	-1,342.9	530.0	465.6	64.43	8.226	
4,300.0	3,919.1	4,245.6	3,788.1	33.2	37.5	77.25	-1,097.4	-1,383.1	545.5	479.2	66.36	8.221	
4,400.0	4,007.0	4,344.4	3,872.3	34.1	38.6	77.25	-1,129.9	-1,423.3	561.0	492.8	68.29	8.216	
4,500.0	4,094.9	4,443.2	3,956.5	35.1	39.7	77.25	-1,162.4	-1,463.4	576.5	506.3	70.22	8.211	
4,600.0	4,182.9	4,542.0	4,040.7	36.1	40.8	77.25	-1,194.8	-1,503.6	592.0	519.9	72.14	8.206	
4,700.0	4,270.8	4,640.8	4,124.9	37.0	41.9	77.25	-1,227.3	-1,543.8	607.5	533.5	74.07	8.202	
4,800.0	4,358.7	4,739.5	4,209.2	38.0	43.0	77.25	-1,259.8	-1,583.9	623.0	547.0	76.00	8.198	
4,900.0	4,446.7	4,838.3	4,293.4	38.9	44.1	77.26	-1,292.3	-1,624.1	638.5	560.6	77.93	8.194	
5,000.0	4,534.6	4,937.1	4,377.6	39.9	45.2	77.26	-1,324.7	-1,664.3	654.0	574.2	79.86	8.190	
5,100.0	4,622.5	5,035.9	4,461.8	40.9	46.3	77.26	-1,357.2	-1,704.5	669.5	587.7	81.79	8.186	
5,200.0	4,710.4	5,134.7	4,546.0	41.8	47.4	77.26	-1,389.7	-1,744.6	685.0	601.3	83.71	8.183	
5,300.0	4,798.4	5,233.5	4,630.2	42.8	48.5	77.26	-1,422.1	-1,784.8	700.5	614.9	85.64	8.180	
5,400.0	4,886.3	5,332.3	4,714.4	43.8	49.6	77.26	-1,454.6	-1,825.0	716.0	628.4	87.57	8.176	
5,500.0	4,974.2	5,431.1	4,798.6	44.7	50.6	77.26	-1,487.1	-1,865.2	731.5	642.0	89.50	8.173	
5,600.0	5,062.2	5,529.9	4,882.9	45.7	51.7	77.26	-1,519.5	-1,905.3	747.0	655.6	91.43	8.170	
5,700.0	5,150.1	5,628.7	4,967.1	46.6	52.8	77.26	-1,552.0	-1,945.5	762.5	669.2	93.36	8.167	
5,797.2	5,235.6	5,724.7	5,048.9	47.6	53.9	77.26	-1,583.6	-1,984.5	777.6	682.3	95.23	8.165	SF
5,800.0	5,238.0	5,727.5	5,051.3	47.6	53.9	77.27	-1,584.5	-1,985.7	778.0	682.7	95.29	8.165	
5,900.0	5,326.8	5,826.2	5,135.4	48.3	55.0	77.45	-1,616.9	-2,025.8	793.9	696.9	96.98	8.187	
6,000.0	5,417.1	5,924.6	5,219.4	48.9	56.1	77.41	-1,649.3	-2,065.8	810.6	712.1	98.51	8.228	
6,100.0	5,508.9	6,022.7	5,303.0	49.5	57.2	77.17	-1,681.5	-2,105.7	828.0	728.1	99.90	8.289	
6,200.0	5,602.0	6,120.4	5,386.2	50.1	58.3	76.74	-1,713.6	-2,145.4	846.4	745.3	101.12	8.370	
6,300.0	5,696.4	6,217.4	5,468.9	50.6	59.4	76.14	-1,745.5	-2,184.9	865.7	763.6	102.18	8.473	
6,400.0	5,791.8	6,313.7	5,551.0	51.1	60.4	75.39	-1,777.1	-2,224.0	886.2	783.1	103.08	8.598	
6,500.0	5,888.2	6,409.1	5,632.4	51.5	61.5	74.52	-1,808.5	-2,262.9	907.9	804.1	103.80	8.747	
6,600.0	5,985.5	6,503.6	5,712.9	51.8	62.5	73.55	-1,839.6	-2,301.3	931.1	826.7	104.36	8.922	
6,700.0	6,083.5	6,597.1	5,792.6	52.2	63.6	72.49	-1,870.3	-2,339.3	955.9	851.1	104.76	9.125	
6,800.0	6,182.2	6,692.4	5,873.9	52.4	64.6	71.31	-1,901.6	-2,378.0	982.4	877.4	104.96	9.360	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Booth 22-26
Project:	SEC.26-T7N-R65W	**TVD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 8 Pad Sec.26-T7N-R65W	**MD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Booth 22-26	**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 (6-11-12)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8 Pad Sec.26-T7N-R65W - Booth 32-26 - Wellbore #1 - Plan #1 (5-22-12)

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
6,900.0	6,281.3	6,809.6	5,975.2	52.7	65.6	69.78	-1,938.5	-2,423.7	1,009.4	904.7	104.71	9.640	
7,000.0	6,380.9	6,929.1	6,081.1	52.8	66.5	68.29	-1,973.4	-2,466.9	1,035.9	931.6	104.31	9.931	
7,100.0	6,480.7	7,051.3	6,191.6	53.0	67.4	66.85	-2,006.1	-2,507.4	1,061.9	958.1	103.77	10.233	
7,200.0	6,580.7	7,176.0	6,306.6	53.0	68.1	65.45	-2,036.5	-2,545.0	1,087.2	984.1	103.10	10.545	
7,219.3	6,600.0	7,200.5	6,329.3	53.1	68.3	-80.57	-2,042.1	-2,551.9	1,092.0	989.1	102.96	10.606	
7,300.0	6,680.7	7,304.0	6,426.5	53.1	68.9	-81.98	-2,064.4	-2,579.5	1,111.3	1,009.2	102.10	10.884	
7,400.0	6,780.7	7,435.9	6,552.3	53.2	69.5	-83.49	-2,089.6	-2,610.6	1,132.8	1,031.7	101.13	11.202	
7,500.0	6,880.7	7,571.5	6,683.2	53.2	70.1	-84.75	-2,111.6	-2,637.9	1,151.5	1,051.2	100.31	11.480	
7,600.0	6,980.7	7,710.3	6,818.8	53.3	70.6	-85.77	-2,130.2	-2,660.8	1,167.0	1,067.4	99.65	11.711	
7,700.0	7,080.7	7,851.7	6,958.3	53.3	71.0	-86.55	-2,144.8	-2,678.9	1,179.1	1,080.0	99.17	11.891	
7,800.0	7,180.7	7,995.2	7,100.8	53.4	71.3	-87.09	-2,155.1	-2,691.7	1,187.7	1,088.8	98.87	12.013	
7,900.0	7,280.7	8,139.9	7,245.2	53.4	71.4	-87.39	-2,161.0	-2,699.1	1,192.6	1,093.8	98.75	12.076	
7,969.3	7,350.0	8,240.6	7,345.9	53.4	71.5	-87.46	-2,162.4	-2,700.8	1,193.7	1,094.9	98.79	12.083	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Booth 22-26
Project:	SEC.26-T7N-R65W	**TVD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 8 Pad Sec.26-T7N-R65W	**MD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Booth 22-26	**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 (6-11-12)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8 Pad Sec.26-T7N-R65W - Booth 6-26 - Wellbore #1 - Plan #1 (6-11-12)

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	143.45	-13.1	9.7	16.3	16.3	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	143.45	-13.1	9.7	16.3	16.1	0.22	72.661	CC, ES
200.0	200.0	199.7	199.7	0.3	0.3	148.50	-14.7	9.0	17.2	16.6	0.66	26.298	
300.0	300.0	299.2	299.1	0.5	0.5	-57.75	-19.4	6.9	19.6	18.6	1.08	18.147	
400.0	399.8	398.6	398.1	0.8	0.8	-52.62	-27.3	3.3	22.8	21.2	1.53	14.863	
500.0	499.5	497.9	496.6	1.0	1.1	-49.69	-38.2	-1.7	26.4	24.4	2.02	13.054	
600.0	598.7	597.1	594.6	1.3	1.5	-48.30	-52.3	-8.1	30.5	27.9	2.56	11.898	
700.0	697.5	696.1	691.8	1.6	1.8	-47.97	-69.4	-15.9	35.0	31.8	3.16	11.058	
800.0	795.6	795.0	788.2	2.0	2.3	-48.34	-89.5	-25.0	39.8	36.0	3.83	10.381	
900.0	893.1	893.7	883.6	2.5	2.8	-49.17	-112.6	-35.5	45.0	40.4	4.60	9.796	
1,000.0	989.6	992.3	977.9	3.0	3.4	-50.29	-138.6	-47.3	50.6	45.2	5.46	9.272	
1,100.0	1,085.3	1,090.7	1,071.1	3.5	4.0	-51.60	-167.5	-60.5	56.6	50.2	6.44	8.796	
1,200.0	1,179.8	1,189.8	1,163.9	4.2	4.7	-53.31	-199.2	-74.9	62.7	55.1	7.55	8.303	
1,300.0	1,273.2	1,289.6	1,257.2	4.9	5.4	-56.92	-231.4	-89.5	67.1	58.2	8.89	7.553	
1,400.0	1,365.2	1,389.3	1,350.4	5.6	6.1	-62.55	-263.6	-104.2	70.1	59.6	10.50	6.679	
1,500.0	1,455.8	1,488.8	1,443.5	6.5	6.8	-70.19	-295.7	-118.8	72.5	60.2	12.38	5.859	
1,600.0	1,544.9	1,588.0	1,536.2	7.3	7.5	-79.74	-327.7	-133.3	75.5	61.0	14.42	5.232	
1,622.1	1,564.4	1,609.9	1,556.7	7.5	7.6	-82.07	-334.8	-136.5	76.3	61.5	14.88	5.131	
1,700.0	1,632.9	1,686.9	1,628.6	8.3	8.2	-90.08	-359.6	-147.8	80.3	64.0	16.36	4.910	
1,800.0	1,720.8	1,785.7	1,721.1	9.2	8.9	-99.08	-391.5	-162.3	87.5	69.5	17.99	4.866	SF
1,900.0	1,808.8	1,884.6	1,813.5	10.2	9.6	-106.57	-423.4	-176.8	96.6	77.2	19.35	4.991	
2,000.0	1,896.7	1,983.4	1,905.9	11.1	10.3	-112.72	-455.3	-191.4	107.0	86.5	20.52	5.214	
2,100.0	1,984.6	2,082.3	1,998.4	12.1	11.0	-117.74	-487.2	-205.9	118.4	96.8	21.57	5.489	
2,200.0	2,072.6	2,181.2	2,090.8	13.0	11.7	-121.86	-519.2	-220.4	130.5	108.0	22.55	5.790	
2,300.0	2,160.5	2,280.0	2,183.3	14.0	12.4	-125.27	-551.1	-234.9	143.2	119.8	23.49	6.099	
2,400.0	2,248.4	2,378.9	2,275.7	14.9	13.1	-128.12	-583.0	-249.4	156.4	132.0	24.41	6.406	
2,500.0	2,336.3	2,477.7	2,368.1	15.9	13.8	-130.52	-614.9	-263.9	169.8	144.5	25.32	6.706	
2,600.0	2,424.3	2,576.6	2,460.6	16.8	14.5	-132.57	-646.8	-278.4	183.5	157.3	26.23	6.995	
2,700.0	2,512.2	2,675.5	2,553.0	17.8	15.2	-134.34	-678.7	-292.9	197.4	170.3	27.15	7.272	
2,800.0	2,600.1	2,774.3	2,645.4	18.7	15.9	-135.87	-710.6	-307.4	211.5	183.4	28.07	7.535	
2,900.0	2,688.1	2,873.2	2,737.9	19.7	16.6	-137.21	-742.5	-321.9	225.7	196.7	28.99	7.785	
3,000.0	2,776.0	2,972.0	2,830.3	20.7	17.4	-138.39	-774.4	-336.5	240.0	210.1	29.92	8.021	
3,100.0	2,863.9	3,070.9	2,922.7	21.6	18.1	-139.44	-806.3	-351.0	254.4	223.5	30.85	8.245	
3,200.0	2,951.9	3,169.7	3,015.2	22.6	18.8	-140.38	-838.3	-365.5	268.8	237.0	31.79	8.456	
3,300.0	3,039.8	3,268.6	3,107.6	23.5	19.5	-141.22	-870.2	-380.0	283.4	250.6	32.73	8.656	
3,400.0	3,127.7	3,367.5	3,200.0	24.5	20.2	-141.97	-902.1	-394.5	297.9	264.3	33.68	8.846	
3,500.0	3,215.6	3,466.3	3,292.5	25.5	20.9	-142.66	-934.0	-409.0	312.6	277.9	34.63	9.025	
3,600.0	3,303.6	3,565.2	3,384.9	26.4	21.6	-143.29	-965.9	-423.5	327.2	291.6	35.59	9.195	
3,700.0	3,391.5	3,664.0	3,477.3	27.4	22.3	-143.86	-997.8	-438.0	341.9	305.4	36.55	9.355	
3,800.0	3,479.4	3,762.9	3,569.8	28.4	23.0	-144.39	-1,029.7	-452.5	356.7	319.2	37.51	9.508	
3,900.0	3,567.4	3,861.8	3,662.2	29.3	23.7	-144.87	-1,061.6	-467.0	371.4	332.9	38.48	9.653	
4,000.0	3,655.3	3,960.6	3,754.6	30.3	24.4	-145.32	-1,093.5	-481.6	386.2	346.8	39.45	9.791	
4,100.0	3,743.2	4,059.5	3,847.1	31.2	25.2	-145.73	-1,125.4	-496.1	401.0	360.6	40.42	9.922	
4,200.0	3,831.1	4,158.3	3,939.5	32.2	25.9	-146.11	-1,157.3	-510.6	415.8	374.4	41.39	10.047	
4,300.0	3,919.1	4,257.2	4,031.9	33.2	26.6	-146.47	-1,189.3	-525.1	430.7	388.3	42.36	10.166	
4,400.0	4,007.0	4,356.0	4,124.4	34.1	27.3	-146.81	-1,221.2	-539.6	445.5	402.2	43.34	10.279	
4,500.0	4,094.9	4,454.9	4,216.8	35.1	28.0	-147.12	-1,253.1	-554.1	460.4	416.1	44.32	10.388	
4,600.0	4,182.9	4,553.8	4,309.2	36.1	28.7	-147.41	-1,285.0	-568.6	475.3	430.0	45.30	10.492	
4,700.0	4,270.8	4,652.6	4,401.7	37.0	29.4	-147.69	-1,316.9	-583.1	490.2	443.9	46.28	10.591	
4,800.0	4,358.7	4,751.5	4,494.1	38.0	30.1	-147.95	-1,348.8	-597.6	505.1	457.8	47.27	10.686	
4,900.0	4,446.7	4,850.3	4,586.6	38.9	30.8	-148.19	-1,380.7	-612.1	520.0	471.7	48.25	10.777	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Booth 22-26
Project:	SEC.26-T7N-R65W	**TVD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 8 Pad Sec.26-T7N-R65W	**MD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Booth 22-26	**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 (6-11-12)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8 Pad Sec.26-T7N-R65W - Booth 6-26 - Wellbore #1 - Plan #1 (6-11-12)

Offset Site Error: 0.0 ft

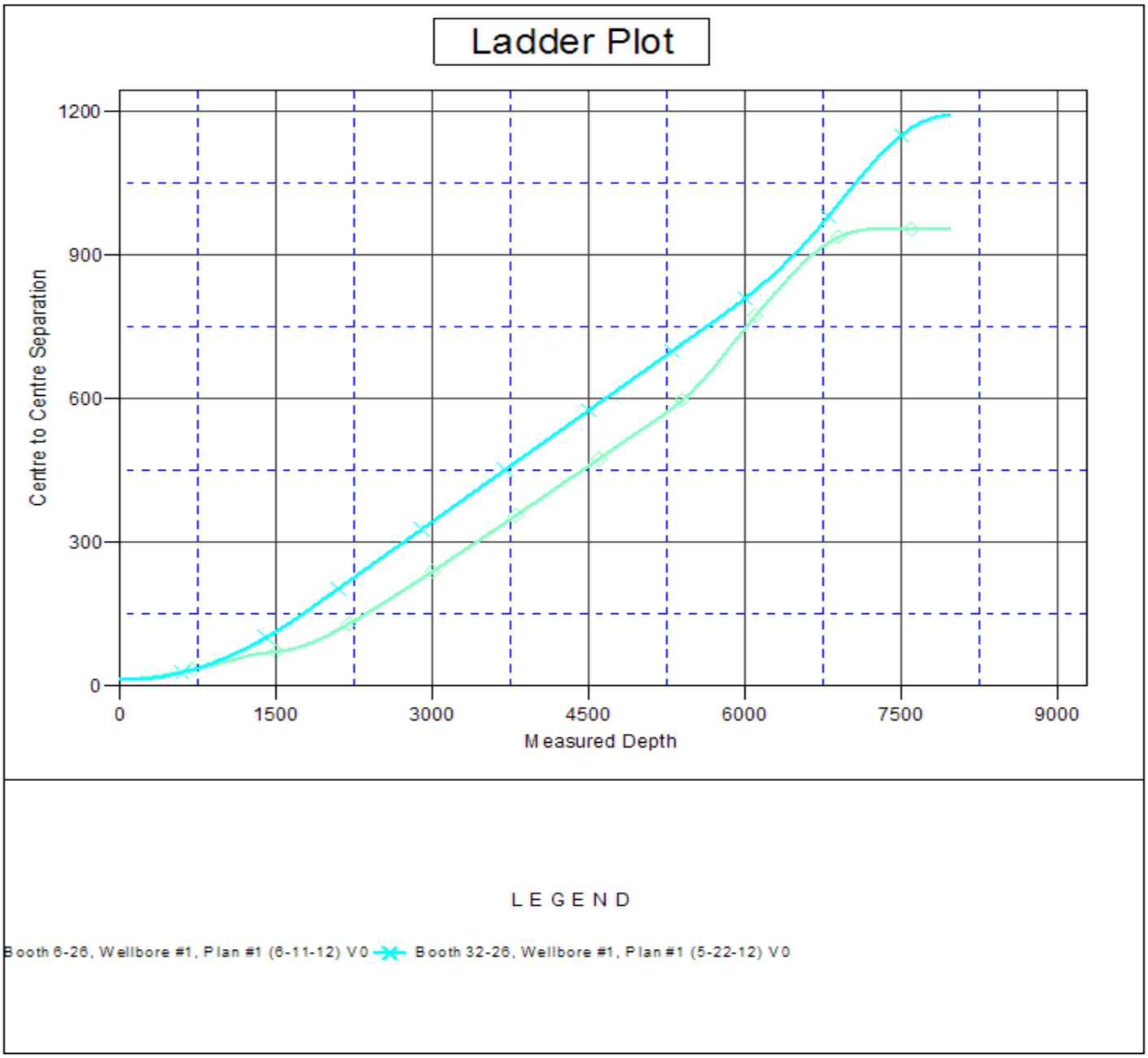
Survey Program: 0-MWD

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
5,000.0	4,534.6	4,949.2	4,679.0	39.9	31.5	-148.42	-1,412.6	-626.7	534.9	485.7	49.24	10.864	
5,100.0	4,622.5	5,048.0	4,771.4	40.9	32.2	-148.64	-1,444.5	-641.2	549.8	499.6	50.23	10.947	
5,200.0	4,710.4	5,146.9	4,863.9	41.8	33.0	-148.84	-1,476.4	-655.7	564.8	513.6	51.21	11.028	
5,300.0	4,798.4	5,235.4	4,946.8	42.8	33.5	-149.07	-1,504.3	-668.4	580.4	528.4	52.05	11.151	
5,400.0	4,886.3	5,320.2	5,027.3	43.8	33.9	-149.43	-1,529.0	-679.5	598.3	545.6	52.70	11.352	
5,500.0	4,974.2	5,400.0	5,103.6	44.7	34.2	-149.89	-1,550.1	-689.2	618.4	565.2	53.23	11.617	
5,600.0	5,062.2	5,487.1	5,187.6	45.7	34.6	-150.51	-1,571.0	-698.7	640.8	587.2	53.64	11.947	
5,700.0	5,150.1	5,568.8	5,267.0	46.6	34.8	-151.19	-1,588.5	-706.6	665.5	611.6	53.95	12.337	
5,797.2	5,235.6	5,647.1	5,343.6	47.6	35.1	-151.91	-1,603.2	-713.3	691.8	637.6	54.16	12.771	
5,800.0	5,238.0	5,649.3	5,345.8	47.6	35.1	-151.94	-1,603.6	-713.5	692.5	638.4	54.17	12.786	
5,900.0	5,326.8	5,728.9	5,424.1	48.3	35.3	-152.94	-1,616.7	-719.4	720.3	666.2	54.14	13.304	
6,000.0	5,417.1	5,800.0	5,494.3	48.9	35.5	-153.80	-1,626.6	-724.0	747.4	693.3	54.14	13.806	
6,100.0	5,508.9	5,886.8	5,580.4	49.5	35.7	-154.74	-1,636.6	-728.5	773.7	719.7	54.03	14.320	
6,200.0	5,602.0	5,965.1	5,658.3	50.1	35.9	-155.55	-1,643.6	-731.7	799.3	745.4	53.93	14.822	
6,300.0	5,696.4	6,043.0	5,736.0	50.6	36.0	-156.31	-1,648.6	-734.0	824.1	770.4	53.78	15.323	
6,400.0	5,791.8	6,120.5	5,813.5	51.1	36.1	-157.03	-1,651.7	-735.4	848.2	794.6	53.60	15.824	
6,500.0	5,888.2	6,207.1	5,900.0	51.5	36.2	-157.76	-1,652.9	-735.9	871.5	818.1	53.35	16.336	
6,600.0	5,985.5	6,292.5	5,985.5	51.8	36.2	-158.41	-1,652.9	-735.9	893.0	839.9	53.08	16.822	
6,700.0	6,083.5	6,390.6	6,083.5	52.2	36.3	-159.00	-1,652.9	-735.9	911.4	858.6	52.80	17.260	
6,800.0	6,182.2	6,489.2	6,182.2	52.4	36.3	-159.47	-1,652.9	-735.9	926.7	874.1	52.56	17.631	
6,900.0	6,281.3	6,588.4	6,281.3	52.7	36.4	-159.83	-1,652.9	-735.9	938.7	886.4	52.34	17.935	
7,000.0	6,380.9	6,687.9	6,380.9	52.8	36.5	-160.09	-1,652.9	-735.9	947.6	895.4	52.14	18.173	
7,100.0	6,480.7	6,787.8	6,480.7	53.0	36.5	-160.25	-1,652.9	-735.9	953.1	901.2	51.96	18.344	
7,200.0	6,580.7	6,887.7	6,580.7	53.0	36.6	-160.31	-1,652.9	-735.9	955.4	903.6	51.79	18.447	
7,219.3	6,600.0	6,907.1	6,600.0	53.1	36.6	53.94	-1,652.9	-735.9	955.5	903.7	51.76	18.458	
7,300.0	6,680.7	6,987.7	6,680.7	53.1	36.7	53.94	-1,652.9	-735.9	955.5	903.5	51.93	18.400	
7,400.0	6,780.7	7,087.7	6,780.7	53.2	36.7	53.94	-1,652.9	-735.9	955.5	903.3	52.12	18.332	
7,500.0	6,880.7	7,187.7	6,880.7	53.2	36.8	53.94	-1,652.9	-735.9	955.5	903.1	52.32	18.263	
7,600.0	6,980.7	7,287.7	6,980.7	53.3	36.9	53.94	-1,652.9	-735.9	955.5	902.9	52.52	18.193	
7,700.0	7,080.7	7,387.7	7,080.7	53.3	37.0	53.94	-1,652.9	-735.9	955.5	902.7	52.72	18.123	
7,800.0	7,180.7	7,487.7	7,180.7	53.4	37.0	53.94	-1,652.9	-735.9	955.5	902.5	52.93	18.053	
7,900.0	7,280.7	7,587.7	7,280.7	53.4	37.1	53.94	-1,652.9	-735.9	955.5	902.3	53.13	17.982	
7,969.3	7,350.0	7,657.1	7,350.0	53.4	37.2	53.94	-1,652.9	-735.9	955.5	902.2	53.28	17.932	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Booth 22-26
Project:	SEC.26-T7N-R65W	**TVD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 8 Pad Sec.26-T7N-R65W	**MD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Booth 22-26	**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 (6-11-12)	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4909.0ft (Original Well Elev) Coordinates are relative to: Booth 22-26
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: 0.56°



Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Booth 22-26
Project:	SEC.26-T7N-R65W	**TVD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Reference Site:	Booth 8 Pad Sec.26-T7N-R65W	**MD Reference:**	WELL @ 4909.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Booth 22-26	**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 (6-11-12)	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4909.0ft (Original Well Elev) Coordinates are relative to: Booth 22-26
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: 0.56°