

# ENSIGN

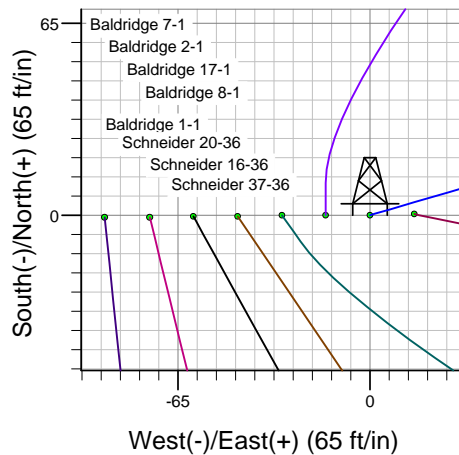
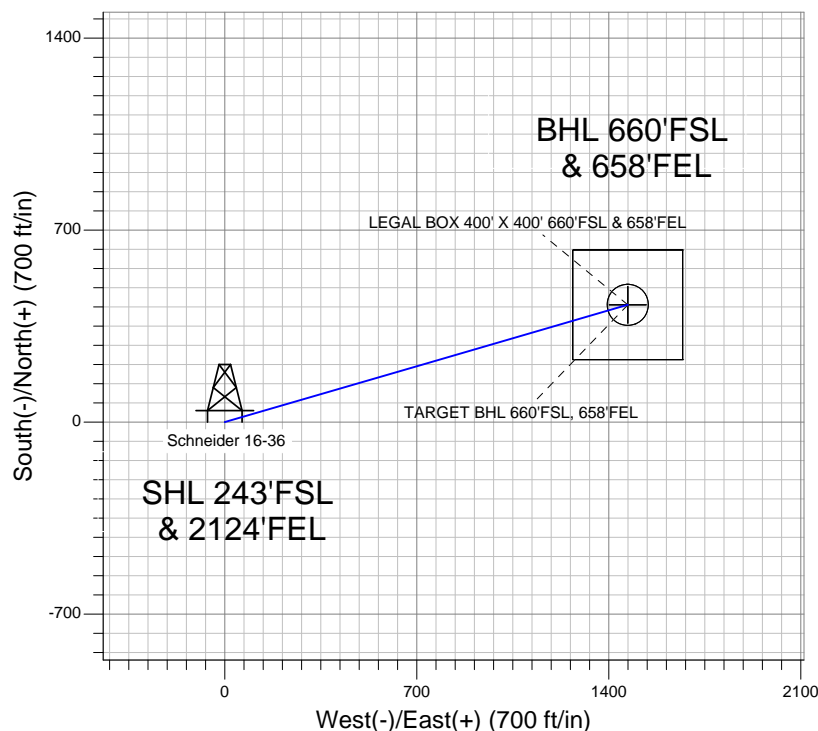
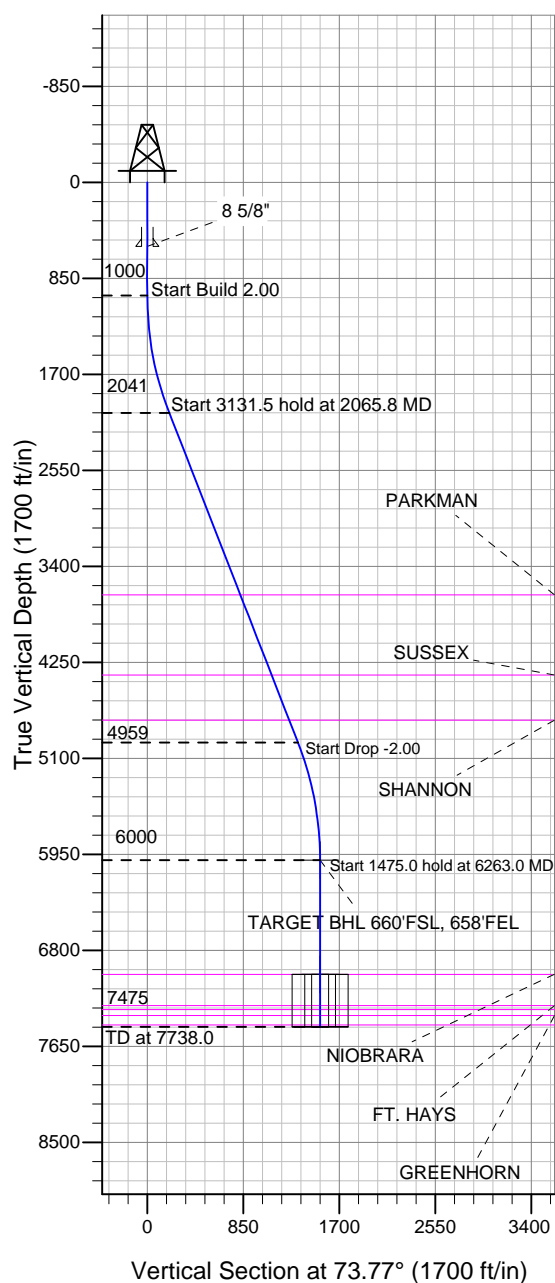
## Directional

### Well Name: Schneider 16-36

Surface Location: Baldridge & Schneider Pad Sec.36-T7N-R67W  
North American Datum 1983, US State Plane 1983 Colorado Northern Zone  
Ground Elevation: 4877.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1434453.40	3183520.62	40.524100	-104.839849	
		Original Well Elev	WELL @ 4893.0ft (Original Well Elev)			

## BAYSWATER EXPLORATION & PRODUCTION



Baldridge & Schneider Pad Sec.36-T7N-R67W  
Schneider 16-36  
Plan #1 (4-12-12)  
13:54, April 19 2012



Azimuths to True North  
Magnetic North: 8.80°  
Magnetic Field  
Strength: 53100.7snT  
Dip Angle: 67.11°  
Date: 4/12/2012  
Model: IGRF2010

### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 660'FSL, 658'FEL	6000.0	427.8	1469.3	40.525274	-104.834564	Point
LEGAL BOX 400' X 400' 660'FSL & 658'FEL	7011.0	427.8	1469.3	40.525274	-104.834564	Rectangle (Sides: L400.0 W400.0)
TARGET CIRCLE 660'FSL & 658'FEL	7011.0	427.8	1469.3	40.525274	-104.834564	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	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	2065.8	21.32	73.77	2041.4	54.8	188.2	2.00	73.77	196.0	
4	5197.3	21.32	73.77	4958.6	373.0	1281.1	0.00	0.00	1334.3	
5	6263.0	0.00	0.00	6000.0	427.8	1469.3	2.00	180.00	1530.3	TARGET BHL 660'FSL, 658'FEL
6	7738.0	0.00	0.00	7475.0	427.8	1469.3	0.00	0.00	1530.3	



# **BAYSWATER EXPLORATION & PRODUCTION**

**SEC.36-T7N-R67W**

**Baldrige & Schneider Pad Sec.36-T7N-R67W**

**Schneider 16-36**

**Wellbore #1**

**Plan: Plan #1 (4-12-12)**

## **Standard Planning Report**

**19 April, 2012**

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Project:</b>	SEC.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (4-12-12)		

<b>Project</b>	SEC.36-T7N-R67W, Weld County, Colorado		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		Using Well Reference Point
<b>Map Zone:</b>	Colorado Northern Zone		Using geodetic scale factor

Site						Baldrige & Schneider Pad Sec.36-T7N-R67W											
Site Position:						Northing:			1,434,452.01 ft			Latitude:			40.524098		
From:			Lat/Long			Easting:			3,183,430.84 ft			Longitude:			-104.840172		
Position Uncertainty:			0.0 ft			Slot Radius:			"			Grid Convergence:			0.43 °		

Well	Schneider 16-36					
Well Position	+N-S	0.7 ft	Northing:	1,434,453.40 ft	Latitude:	40.524100
	+E-W	89.8 ft	Easting:	3,183,520.62 ft	Longitude:	-104.839849
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,877.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	4/12/2012	8.80	67.11	53,101

<b>Design</b>	Plan #1 (4-12-12)			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	73.77

<b>Plan Sections</b>										
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	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,065.8	21.32	73.77	2,041.4	54.8	188.2	2.00	2.00	0.00	73.77	
5,197.3	21.32	73.77	4,958.6	373.0	1,281.1	0.00	0.00	0.00	0.00	
6,263.0	0.00	0.00	6,000.0	427.8	1,469.3	2.00	-2.00	0.00	180.00	TARGET BHL 660'I
7,738.0	0.00	0.00	7,475.0	427.8	1,469.3	0.00	0.00	0.00	0.00	

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Project:</b>	SEC.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (4-12-12)		

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	0.00	0.00	440.0	0.0	0.0	0.0	0.00	0.00	0.00
480.0	0.00	0.00	480.0	0.0	0.0	0.0	0.00	0.00	0.00
520.0	0.00	0.00	520.0	0.0	0.0	0.0	0.00	0.00	0.00
560.0	0.00	0.00	560.0	0.0	0.0	0.0	0.00	0.00	0.00
565.0	0.00	0.00	565.0	0.0	0.0	0.0	0.00	0.00	0.00
8 5/8"									
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
640.0	0.00	0.00	640.0	0.0	0.0	0.0	0.00	0.00	0.00
680.0	0.00	0.00	680.0	0.0	0.0	0.0	0.00	0.00	0.00
720.0	0.00	0.00	720.0	0.0	0.0	0.0	0.00	0.00	0.00
760.0	0.00	0.00	760.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
840.0	0.00	0.00	840.0	0.0	0.0	0.0	0.00	0.00	0.00
880.0	0.00	0.00	880.0	0.0	0.0	0.0	0.00	0.00	0.00
920.0	0.00	0.00	920.0	0.0	0.0	0.0	0.00	0.00	0.00
960.0	0.00	0.00	960.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,040.0	0.80	73.77	1,040.0	0.1	0.3	0.3	2.00	2.00	0.00
1,080.0	1.60	73.77	1,080.0	0.3	1.1	1.1	2.00	2.00	0.00
1,120.0	2.40	73.77	1,120.0	0.7	2.4	2.5	2.00	2.00	0.00
1,160.0	3.20	73.77	1,159.9	1.2	4.3	4.5	2.00	2.00	0.00
1,200.0	4.00	73.77	1,199.8	2.0	6.7	7.0	2.00	2.00	0.00
1,240.0	4.80	73.77	1,239.7	2.8	9.6	10.0	2.00	2.00	0.00
1,280.0	5.60	73.77	1,279.6	3.8	13.1	13.7	2.00	2.00	0.00
1,320.0	6.40	73.77	1,319.3	5.0	17.1	17.9	2.00	2.00	0.00
1,360.0	7.20	73.77	1,359.1	6.3	21.7	22.6	2.00	2.00	0.00
1,400.0	8.00	73.77	1,398.7	7.8	26.8	27.9	2.00	2.00	0.00
1,440.0	8.80	73.77	1,438.3	9.4	32.4	33.7	2.00	2.00	0.00
1,480.0	9.60	73.77	1,477.8	11.2	38.5	40.1	2.00	2.00	0.00
1,520.0	10.40	73.77	1,517.1	13.2	45.2	47.1	2.00	2.00	0.00
1,560.0	11.20	73.77	1,556.4	15.3	52.4	54.6	2.00	2.00	0.00
1,600.0	12.00	73.77	1,595.6	17.5	60.1	62.6	2.00	2.00	0.00
1,640.0	12.80	73.77	1,634.7	19.9	68.4	71.2	2.00	2.00	0.00
1,680.0	13.60	73.77	1,673.6	22.5	77.1	80.3	2.00	2.00	0.00
1,720.0	14.40	73.77	1,712.4	25.2	86.4	90.0	2.00	2.00	0.00
1,760.0	15.20	73.77	1,751.1	28.0	96.2	100.2	2.00	2.00	0.00
1,800.0	16.00	73.77	1,789.6	31.0	106.6	111.0	2.00	2.00	0.00
1,840.0	16.80	73.77	1,828.0	34.2	117.4	122.3	2.00	2.00	0.00
1,880.0	17.60	73.77	1,866.2	37.5	128.8	134.1	2.00	2.00	0.00
1,920.0	18.40	73.77	1,904.3	40.9	140.6	146.5	2.00	2.00	0.00
1,960.0	19.20	73.77	1,942.1	44.5	153.0	159.3	2.00	2.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Project:</b>	SEC.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (4-12-12)		

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	20.00	73.77	1,979.8	48.3	165.9	172.8	2.00	2.00	0.00
2,040.0	20.80	73.77	2,017.3	52.2	179.3	186.7	2.00	2.00	0.00
2,065.8	21.32	73.77	2,041.4	54.8	188.2	196.0	2.00	2.00	0.00
2,080.0	21.32	73.77	2,054.6	56.2	193.1	201.1	0.00	0.00	0.00
2,120.0	21.32	73.77	2,091.9	60.3	207.1	215.7	0.00	0.00	0.00
2,160.0	21.32	73.77	2,129.1	64.4	221.0	230.2	0.00	0.00	0.00
2,200.0	21.32	73.77	2,166.4	68.4	235.0	244.8	0.00	0.00	0.00
2,240.0	21.32	73.77	2,203.7	72.5	249.0	259.3	0.00	0.00	0.00
2,280.0	21.32	73.77	2,240.9	76.5	262.9	273.8	0.00	0.00	0.00
2,320.0	21.32	73.77	2,278.2	80.6	276.9	288.4	0.00	0.00	0.00
2,360.0	21.32	73.77	2,315.5	84.7	290.8	302.9	0.00	0.00	0.00
2,400.0	21.32	73.77	2,352.7	88.7	304.8	317.5	0.00	0.00	0.00
2,440.0	21.32	73.77	2,390.0	92.8	318.8	332.0	0.00	0.00	0.00
2,480.0	21.32	73.77	2,427.2	96.9	332.7	346.5	0.00	0.00	0.00
2,520.0	21.32	73.77	2,464.5	100.9	346.7	361.1	0.00	0.00	0.00
2,560.0	21.32	73.77	2,501.8	105.0	360.7	375.6	0.00	0.00	0.00
2,600.0	21.32	73.77	2,539.0	109.1	374.6	390.2	0.00	0.00	0.00
2,640.0	21.32	73.77	2,576.3	113.1	388.6	404.7	0.00	0.00	0.00
2,680.0	21.32	73.77	2,613.6	117.2	402.5	419.2	0.00	0.00	0.00
2,720.0	21.32	73.77	2,650.8	121.3	416.5	433.8	0.00	0.00	0.00
2,760.0	21.32	73.77	2,688.1	125.3	430.5	448.3	0.00	0.00	0.00
2,800.0	21.32	73.77	2,725.4	129.4	444.4	462.9	0.00	0.00	0.00
2,840.0	21.32	73.77	2,762.6	133.5	458.4	477.4	0.00	0.00	0.00
2,880.0	21.32	73.77	2,799.9	137.5	472.3	491.9	0.00	0.00	0.00
2,920.0	21.32	73.77	2,837.1	141.6	486.3	506.5	0.00	0.00	0.00
2,960.0	21.32	73.77	2,874.4	145.6	500.3	521.0	0.00	0.00	0.00
3,000.0	21.32	73.77	2,911.7	149.7	514.2	535.6	0.00	0.00	0.00
3,040.0	21.32	73.77	2,948.9	153.8	528.2	550.1	0.00	0.00	0.00
3,080.0	21.32	73.77	2,986.2	157.8	542.1	564.6	0.00	0.00	0.00
3,120.0	21.32	73.77	3,023.5	161.9	556.1	579.2	0.00	0.00	0.00
3,160.0	21.32	73.77	3,060.7	166.0	570.1	593.7	0.00	0.00	0.00
3,200.0	21.32	73.77	3,098.0	170.0	584.0	608.3	0.00	0.00	0.00
3,240.0	21.32	73.77	3,135.3	174.1	598.0	622.8	0.00	0.00	0.00
3,280.0	21.32	73.77	3,172.5	178.2	611.9	637.3	0.00	0.00	0.00
3,320.0	21.32	73.77	3,209.8	182.2	625.9	651.9	0.00	0.00	0.00
3,360.0	21.32	73.77	3,247.0	186.3	639.9	666.4	0.00	0.00	0.00
3,400.0	21.32	73.77	3,284.3	190.4	653.8	681.0	0.00	0.00	0.00
3,440.0	21.32	73.77	3,321.6	194.4	667.8	695.5	0.00	0.00	0.00
3,480.0	21.32	73.77	3,358.8	198.5	681.7	710.1	0.00	0.00	0.00
3,520.0	21.32	73.77	3,396.1	202.5	695.7	724.6	0.00	0.00	0.00
3,560.0	21.32	73.77	3,433.4	206.6	709.7	739.1	0.00	0.00	0.00
3,600.0	21.32	73.77	3,470.6	210.7	723.6	753.7	0.00	0.00	0.00
3,640.0	21.32	73.77	3,507.9	214.7	737.6	768.2	0.00	0.00	0.00
3,680.0	21.32	73.77	3,545.2	218.8	751.5	782.8	0.00	0.00	0.00
3,720.0	21.32	73.77	3,582.4	222.9	765.5	797.3	0.00	0.00	0.00
3,760.0	21.32	73.77	3,619.7	226.9	779.5	811.8	0.00	0.00	0.00
3,793.6	21.32	73.77	3,651.0	230.4	791.2	824.1	0.00	0.00	0.00
<b>PARKMAN</b>									
3,800.0	21.32	73.77	3,657.0	231.0	793.4	826.4	0.00	0.00	0.00
3,840.0	21.32	73.77	3,694.2	235.1	807.4	840.9	0.00	0.00	0.00
3,880.0	21.32	73.77	3,731.5	239.1	821.3	855.5	0.00	0.00	0.00
3,920.0	21.32	73.77	3,768.7	243.2	835.3	870.0	0.00	0.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Project:</b>	SEC.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (4-12-12)		

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)
3,960.0	21.32	73.77	3,806.0	247.3	849.3	884.5	0.00	0.00	0.00
4,000.0	21.32	73.77	3,843.3	251.3	863.2	899.1	0.00	0.00	0.00
4,040.0	21.32	73.77	3,880.5	255.4	877.2	913.6	0.00	0.00	0.00
4,080.0	21.32	73.77	3,917.8	259.5	891.2	928.2	0.00	0.00	0.00
4,120.0	21.32	73.77	3,955.1	263.5	905.1	942.7	0.00	0.00	0.00
4,160.0	21.32	73.77	3,992.3	267.6	919.1	957.2	0.00	0.00	0.00
4,200.0	21.32	73.77	4,029.6	271.6	933.0	971.8	0.00	0.00	0.00
4,240.0	21.32	73.77	4,066.9	275.7	947.0	986.3	0.00	0.00	0.00
4,280.0	21.32	73.77	4,104.1	279.8	961.0	1,000.9	0.00	0.00	0.00
4,320.0	21.32	73.77	4,141.4	283.8	974.9	1,015.4	0.00	0.00	0.00
4,360.0	21.32	73.77	4,178.6	287.9	988.9	1,029.9	0.00	0.00	0.00
4,400.0	21.32	73.77	4,215.9	292.0	1,002.8	1,044.5	0.00	0.00	0.00
4,440.0	21.32	73.77	4,253.2	296.0	1,016.8	1,059.0	0.00	0.00	0.00
4,480.0	21.32	73.77	4,290.4	300.1	1,030.8	1,073.6	0.00	0.00	0.00
4,520.0	21.32	73.77	4,327.7	304.2	1,044.7	1,088.1	0.00	0.00	0.00
4,555.7	21.32	73.77	4,361.0	307.8	1,057.2	1,101.1	0.00	0.00	0.00
<b>SUSSEX</b>									
4,560.0	21.32	73.77	4,365.0	308.2	1,058.7	1,102.6	0.00	0.00	0.00
4,600.0	21.32	73.77	4,402.2	312.3	1,072.6	1,117.2	0.00	0.00	0.00
4,640.0	21.32	73.77	4,439.5	316.4	1,086.6	1,131.7	0.00	0.00	0.00
4,680.0	21.32	73.77	4,476.8	320.4	1,100.6	1,146.3	0.00	0.00	0.00
4,720.0	21.32	73.77	4,514.0	324.5	1,114.5	1,160.8	0.00	0.00	0.00
4,760.0	21.32	73.77	4,551.3	328.5	1,128.5	1,175.3	0.00	0.00	0.00
4,800.0	21.32	73.77	4,588.5	332.6	1,142.4	1,189.9	0.00	0.00	0.00
4,840.0	21.32	73.77	4,625.8	336.7	1,156.4	1,204.4	0.00	0.00	0.00
4,880.0	21.32	73.77	4,663.1	340.7	1,170.4	1,219.0	0.00	0.00	0.00
4,920.0	21.32	73.77	4,700.3	344.8	1,184.3	1,233.5	0.00	0.00	0.00
4,960.0	21.32	73.77	4,737.6	348.9	1,198.3	1,248.0	0.00	0.00	0.00
4,985.1	21.32	73.77	4,761.0	351.4	1,207.1	1,257.2	0.00	0.00	0.00
<b>SHANNON</b>									
5,000.0	21.32	73.77	4,774.9	352.9	1,212.2	1,262.6	0.00	0.00	0.00
5,040.0	21.32	73.77	4,812.1	357.0	1,226.2	1,277.1	0.00	0.00	0.00
5,080.0	21.32	73.77	4,849.4	361.1	1,240.2	1,291.7	0.00	0.00	0.00
5,120.0	21.32	73.77	4,886.7	365.1	1,254.1	1,306.2	0.00	0.00	0.00
5,160.0	21.32	73.77	4,923.9	369.2	1,268.1	1,320.7	0.00	0.00	0.00
5,197.3	21.32	73.77	4,958.6	373.0	1,281.1	1,334.3	0.00	0.00	0.00
5,200.0	21.26	73.77	4,961.2	373.3	1,282.0	1,335.3	2.00	-2.00	0.00
5,240.0	20.46	73.77	4,998.6	377.2	1,295.7	1,349.5	2.00	-2.00	0.00
5,280.0	19.66	73.77	5,036.1	381.1	1,308.9	1,363.2	2.00	-2.00	0.00
5,320.0	18.86	73.77	5,073.9	384.8	1,321.6	1,376.4	2.00	-2.00	0.00
5,360.0	18.06	73.77	5,111.8	388.3	1,333.7	1,389.1	2.00	-2.00	0.00
5,400.0	17.26	73.77	5,149.9	391.7	1,345.4	1,401.2	2.00	-2.00	0.00
5,440.0	16.46	73.77	5,188.2	394.9	1,356.5	1,412.8	2.00	-2.00	0.00
5,480.0	15.66	73.77	5,226.7	398.0	1,367.1	1,423.9	2.00	-2.00	0.00
5,520.0	14.86	73.77	5,265.3	401.0	1,377.3	1,434.4	2.00	-2.00	0.00
5,560.0	14.06	73.77	5,304.0	403.8	1,386.8	1,444.4	2.00	-2.00	0.00
5,600.0	13.26	73.77	5,342.9	406.4	1,395.9	1,453.9	2.00	-2.00	0.00
5,640.0	12.46	73.77	5,381.9	408.9	1,404.5	1,462.8	2.00	-2.00	0.00
5,680.0	11.66	73.77	5,421.0	411.2	1,412.5	1,471.1	2.00	-2.00	0.00
5,720.0	10.86	73.77	5,460.2	413.4	1,420.0	1,478.9	2.00	-2.00	0.00
5,760.0	10.06	73.77	5,499.5	415.4	1,427.0	1,486.2	2.00	-2.00	0.00
5,800.0	9.26	73.77	5,539.0	417.3	1,433.4	1,492.9	2.00	-2.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Project:</b>	SEC.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (4-12-12)		

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)	
5,840.0	8.46	73.77	5,578.5	419.0	1,439.3	1,499.1	2.00	-2.00	0.00	
5,880.0	7.66	73.77	5,618.1	420.6	1,444.7	1,504.7	2.00	-2.00	0.00	
5,920.0	6.86	73.77	5,657.8	422.0	1,449.6	1,509.7	2.00	-2.00	0.00	
5,960.0	6.06	73.77	5,697.5	423.3	1,453.9	1,514.2	2.00	-2.00	0.00	
6,000.0	5.26	73.77	5,737.3	424.4	1,457.7	1,518.2	2.00	-2.00	0.00	
6,040.0	4.46	73.77	5,777.2	425.3	1,460.9	1,521.6	2.00	-2.00	0.00	
6,080.0	3.66	73.77	5,817.1	426.1	1,463.6	1,524.4	2.00	-2.00	0.00	
6,120.0	2.86	73.77	5,857.0	426.8	1,465.8	1,526.7	2.00	-2.00	0.00	
6,160.0	2.06	73.77	5,897.0	427.2	1,467.5	1,528.4	2.00	-2.00	0.00	
6,200.0	1.26	73.77	5,937.0	427.6	1,468.6	1,529.6	2.00	-2.00	0.00	
6,240.0	0.46	73.77	5,977.0	427.7	1,469.2	1,530.2	2.00	-2.00	0.00	
6,263.0	0.00	0.00	6,000.0	427.8	1,469.3	1,530.3	2.00	-2.00	0.00	
<b>TARGET BHL 660'FSL, 658'FEL</b>										
6,280.0	0.00	0.00	6,017.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,320.0	0.00	0.00	6,057.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,360.0	0.00	0.00	6,097.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,137.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,440.0	0.00	0.00	6,177.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,480.0	0.00	0.00	6,217.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,520.0	0.00	0.00	6,257.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,560.0	0.00	0.00	6,297.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,337.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,640.0	0.00	0.00	6,377.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,680.0	0.00	0.00	6,417.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,720.0	0.00	0.00	6,457.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,760.0	0.00	0.00	6,497.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,537.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,840.0	0.00	0.00	6,577.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,880.0	0.00	0.00	6,617.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,920.0	0.00	0.00	6,657.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
6,960.0	0.00	0.00	6,697.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,737.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,040.0	0.00	0.00	6,777.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,080.0	0.00	0.00	6,817.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,120.0	0.00	0.00	6,857.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,160.0	0.00	0.00	6,897.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,200.0	0.00	0.00	6,937.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,240.0	0.00	0.00	6,977.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,274.0	0.00	0.00	7,011.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
<b>NIORARA - LEGAL BOX 400' X 400' 660'FSL &amp; 658'FEL - TARGET CIRCLE 660'FSL &amp; 658'FEL</b>										
7,280.0	0.00	0.00	7,017.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,320.0	0.00	0.00	7,057.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,360.0	0.00	0.00	7,097.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,137.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,440.0	0.00	0.00	7,177.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,480.0	0.00	0.00	7,217.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,520.0	0.00	0.00	7,257.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,550.0	0.00	0.00	7,287.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
<b>FT. HAYS</b>										
7,560.0	0.00	0.00	7,297.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
7,586.0	0.00	0.00	7,323.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00	
<b>CODELL</b>										

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Project:</b>	SEC.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (4-12-12)		

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)
7,600.0	0.00	0.00	7,337.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00
7,638.0	0.00	0.00	7,375.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00
<b>GREENHORN</b>									
7,640.0	0.00	0.00	7,377.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00
7,680.0	0.00	0.00	7,417.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00
7,720.0	0.00	0.00	7,457.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00
7,722.0	0.00	0.00	7,459.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00
<b>GRANEROS</b>									
7,738.0	0.00	0.00	7,475.0	427.8	1,469.3	1,530.3	0.00	0.00	0.00

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
LEGAL BOX 400' X 400'	0.00	0.00	7,011.0	427.8	1,469.3	1,434,892.08	3,184,986.61	40.525274	-104.834564
- plan hits target center									
- Rectangle (sides W400.0 H400.0 D464.0)									
TARGET CIRCLE 66'	0.00	0.00	7,011.0	427.8	1,469.3	1,434,892.08	3,184,986.61	40.525274	-104.834564
- plan hits target center									
- Circle (radius 75.0)									
TARGET BHL 660'FS	0.00	0.00	6,000.0	427.8	1,469.3	1,434,892.08	3,184,986.61	40.525274	-104.834564
- plan hits target center									
- Point									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name		Casing Diameter (")	Hole Diameter (")
565.0	565.0	8 5/8"		8-5/8	12-1/4

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,793.6	3,651.0	PARKMAN		0.00		
4,555.7	4,361.0	SUSSEX		0.00		
4,985.1	4,761.0	SHANNON		0.00		
7,274.0	7,011.0	NIOBRARA		0.00		
7,550.0	7,287.0	FT. HAYS		0.00		
7,586.0	7,323.0	CODELL		0.00		
7,638.0	7,375.0	GREENHORN		0.00		
7,722.0	7,459.0	GRANEROS		0.00		





# **BAYSWATER EXPLORATION & PRODUCTION**

**SEC.36-T7N-R67W**

**Baldrige & Schneider Pad Sec.36-T7N-R67W**

**Schneider 16-36**

**Wellbore #1**

**Plan #1 (4-12-12)**

## **Anticollision Report**

**19 April, 2012**

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Project:</b>	SEC.36-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Reference Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (4-12-12)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Plan #1 (4-12-12)		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	MD Interval 100.0ft	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 10,000.0ft	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma		

<b>Survey Tool Program</b>	<b>Date</b> 4/12/2012			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.0	7,738.0	Plan #1 (4-12-12) (Wellbore #1)	MWD	MWD - Standard

<b>Summary</b>						
<b>Site Name</b>	<b>Reference Measured Depth (ft)</b>	<b>Offset Measured Depth (ft)</b>	<b>Distance Between Centres (ft)</b>	<b>Distance Between Ellipses (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>
<b>Offset Well - Wellbore - Design</b>						
Baldrige & Schneider Pad Sec.36-T7N-R67W						
Baldrige 1-1 - Wellbore #1 - Plan #1 (4-12-12)	545.4	546.3	23.8	21.6	10.768	CC, ES
Baldrige 1-1 - Wellbore #1 - Plan #1 (4-12-12)	600.0	600.5	24.6	22.1	9.999	SF
Schneider 20-36 - Wellbore #1 - Plan #1 (4-12-12)	200.0	200.0	15.0	14.3	22.264	CC
Schneider 20-36 - Wellbore #1 - Plan #1 (4-12-12)	300.0	300.0	15.1	14.0	13.419	ES
Schneider 20-36 - Wellbore #1 - Plan #1 (4-12-12)	500.0	499.2	21.3	19.3	10.406	SF
Schneider 37-36 - Wellbore #1 - Plan #1 (4-12-12)	700.0	700.0	15.0	12.1	5.139	CC, ES
Schneider 37-36 - Wellbore #1 - Plan #1 (4-12-12)	800.0	799.5	16.7	13.4	4.981	SF

<b>Offset Design</b>												
Baldrige & Schneider Pad Sec.36-T7N-R67W - Baldrige 1-1 - Wellbore #1 - Plan #1 (4-12-12)												
Survey Program: 0-MWD												
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>						
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>Offset Wellbore Centre +E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>
0.0	0.0	0.0	0.0	0.0	0.0	-90.01	0.0	-29.7	29.7			
100.0	100.0	100.0	100.0	0.1	0.1	-90.01	0.0	-29.7	29.7	29.5	0.22	132.347
200.0	200.0	200.0	200.0	0.3	0.3	-90.01	0.0	-29.7	29.7	29.1	0.67	44.116
300.0	300.0	300.6	300.5	0.6	0.5	-92.89	-1.4	-28.7	28.8	27.7	1.11	26.035
400.0	400.0	400.9	400.7	0.8	0.8	-102.65	-5.8	-25.7	26.4	24.8	1.54	17.080
500.0	500.0	500.9	500.4	1.0	1.0	-121.83	-12.7	-20.5	24.2	22.2	2.00	12.079
545.4	545.4	546.3	545.4	1.1	1.1	-133.70	-16.4	-17.2	23.8	21.6	2.21	10.768 CC, ES
600.0	600.0	600.5	599.3	1.2	1.3	-149.81	-21.2	-12.3	24.6	22.1	2.46	9.999 SF
700.0	700.0	699.2	696.8	1.5	1.6	-177.94	-30.9	-1.1	31.1	28.2	2.97	10.495
800.0	800.0	796.9	792.8	1.7	2.0	162.70	-41.9	13.0	44.4	40.9	3.55	12.509
900.0	900.0	893.2	886.9	1.9	2.4	150.92	-53.9	29.9	63.0	58.8	4.19	15.036
1,000.0	1,000.0	988.0	978.8	2.1	2.9	143.52	-66.9	49.4	85.8	80.9	4.87	17.605
1,100.0	1,100.0	1,081.5	1,068.6	2.4	3.4	65.10	-80.8	71.4	111.6	106.8	4.84	23.055
1,200.0	1,199.8	1,173.9	1,156.5	2.6	4.0	62.76	-95.7	95.7	139.1	133.8	5.32	26.169
1,300.0	1,299.5	1,265.6	1,242.7	2.8	4.6	61.65	-111.6	122.5	167.9	162.1	5.82	28.876
1,400.0	1,398.7	1,361.5	1,332.5	3.0	5.3	61.48	-128.6	151.5	196.3	190.0	6.35	30.912
1,500.0	1,497.5	1,457.7	1,422.6	3.3	6.0	62.08	-145.7	180.7	223.2	216.3	6.94	32.178
1,600.0	1,595.6	1,554.2	1,512.9	3.6	6.7	63.20	-162.8	209.9	248.6	241.0	7.59	32.772

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

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Project:</b>	SEC.36-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Reference Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (4-12-12)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
1,700.0	1,693.1	1,650.9	1,603.4	4.0	7.4	64.72	-180.0	239.2	272.7	264.4	8.32	32.784		
1,800.0	1,789.6	1,747.5	1,693.9	4.4	8.1	66.57	-197.1	268.5	295.7	286.6	9.15	32.311		
1,900.0	1,885.3	1,844.1	1,784.4	4.9	8.8	68.68	-214.3	297.8	317.9	307.8	10.10	31.462		
2,000.0	1,979.8	1,940.5	1,874.6	5.4	9.5	71.01	-231.4	327.0	339.5	328.3	11.19	30.345		
2,100.0	2,073.2	2,036.6	1,964.6	6.1	10.2	73.65	-248.4	356.1	360.9	348.5	12.41	29.070		
2,200.0	2,166.4	2,132.6	2,054.5	6.7	10.9	76.34	-265.5	385.2	382.9	369.2	13.73	27.892		
2,300.0	2,259.6	2,228.6	2,144.3	7.4	11.7	78.75	-282.5	414.3	405.6	390.6	15.08	26.895		
2,400.0	2,352.7	2,324.6	2,234.2	8.1	12.4	80.90	-299.6	443.4	429.0	412.5	16.47	26.055		
2,500.0	2,445.9	2,420.6	2,324.1	8.8	13.1	82.83	-316.6	472.5	452.9	435.0	17.87	25.347		
2,600.0	2,539.0	2,516.6	2,414.0	9.5	13.8	84.57	-333.7	501.6	477.3	458.0	19.28	24.750		
2,700.0	2,632.2	2,612.6	2,503.9	10.3	14.5	86.15	-350.7	530.7	502.0	481.3	20.71	24.243		
2,800.0	2,725.4	2,708.6	2,593.7	11.0	15.3	87.57	-367.8	559.8	527.1	504.9	22.14	23.811		
2,900.0	2,818.5	2,804.6	2,683.6	11.7	16.0	88.87	-384.8	588.9	552.4	528.8	23.57	23.440		
3,000.0	2,911.7	2,900.6	2,773.5	12.5	16.7	90.06	-401.8	618.0	578.0	553.0	25.00	23.121		
3,100.0	3,004.8	2,996.6	2,863.4	13.2	17.4	91.15	-418.9	647.1	603.8	577.4	26.43	22.845		
3,200.0	3,098.0	3,092.6	2,953.3	14.0	18.2	92.14	-435.9	676.2	629.8	601.9	27.86	22.604		
3,300.0	3,191.2	3,188.6	3,043.1	14.7	18.9	93.06	-453.0	705.3	656.0	626.7	29.29	22.393		
3,400.0	3,284.3	3,284.6	3,133.0	15.5	19.6	93.91	-470.0	734.4	682.3	651.5	30.72	22.207		
3,500.0	3,377.5	3,380.5	3,222.9	16.2	20.3	94.70	-487.1	763.5	708.7	676.5	32.15	22.044		
3,600.0	3,470.6	3,476.5	3,312.8	17.0	21.1	95.43	-504.1	792.6	735.2	701.7	33.58	21.898		
3,700.0	3,563.8	3,572.5	3,402.7	17.7	21.8	96.11	-521.2	821.7	761.9	726.9	35.00	21.769		
3,800.0	3,657.0	3,668.5	3,492.5	18.5	22.5	96.75	-538.2	850.7	788.7	752.2	36.42	21.653		
3,900.0	3,750.1	3,764.5	3,582.4	19.2	23.2	97.34	-555.2	879.8	815.5	777.7	37.84	21.550		
4,000.0	3,843.3	3,860.5	3,672.3	20.0	23.9	97.90	-572.3	908.9	842.4	803.1	39.26	21.456		
4,100.0	3,936.4	3,956.5	3,762.2	20.8	24.7	98.42	-589.3	938.0	869.4	828.7	40.68	21.372		
4,200.0	4,029.6	4,052.5	3,852.1	21.5	25.4	98.91	-606.4	967.1	896.4	854.3	42.09	21.296		
4,300.0	4,122.7	4,148.5	3,941.9	22.3	26.1	99.37	-623.4	996.2	923.5	880.0	43.51	21.226		
4,400.0	4,215.9	4,244.5	4,031.8	23.0	26.8	99.80	-640.5	1,025.3	950.7	905.8	44.92	21.163		
4,500.0	4,309.1	4,340.5	4,121.7	23.8	27.6	100.22	-657.5	1,054.4	977.9	931.6	46.33	21.106		
4,600.0	4,402.2	4,436.5	4,211.6	24.6	28.3	100.60	-674.5	1,083.5	1,005.1	957.4	47.74	21.053		
4,700.0	4,495.4	4,532.5	4,301.5	25.3	29.0	100.97	-691.6	1,112.6	1,032.4	983.3	49.15	21.005		
4,800.0	4,588.5	4,628.5	4,391.3	26.1	29.7	101.32	-708.6	1,141.7	1,059.8	1,009.2	50.56	20.960		
4,900.0	4,681.7	4,724.5	4,481.2	26.8	30.5	101.65	-725.7	1,170.8	1,087.1	1,035.2	51.97	20.919		
5,000.0	4,774.9	4,820.5	4,571.1	27.6	31.2	101.97	-742.7	1,199.9	1,114.5	1,061.1	53.37	20.882		
5,100.0	4,868.0	4,916.5	4,661.0	28.4	31.9	102.27	-759.8	1,229.0	1,141.9	1,087.2	54.78	20.847		
5,200.0	4,961.2	5,012.5	4,750.9	29.1	32.6	102.57	-776.8	1,258.1	1,169.4	1,113.2	56.18	20.814		
5,300.0	5,055.0	5,108.7	4,840.9	29.7	33.4	103.31	-793.9	1,287.2	1,196.5	1,138.9	57.54	20.795		
5,400.0	5,149.9	5,216.3	4,941.8	30.2	34.1	103.86	-812.8	1,319.5	1,222.6	1,163.8	58.84	20.779		
5,500.0	5,245.9	5,340.8	5,060.0	30.7	34.8	104.34	-832.5	1,353.2	1,246.2	1,186.1	60.01	20.766		
5,600.0	5,342.9	5,466.7	5,181.2	31.1	35.3	104.77	-849.9	1,382.8	1,266.7	1,205.6	61.06	20.744		
5,700.0	5,440.6	5,594.0	5,305.1	31.5	35.8	105.16	-864.6	1,407.9	1,284.2	1,222.2	61.99	20.716		
5,800.0	5,539.0	5,722.3	5,431.2	31.8	36.2	105.51	-876.7	1,428.5	1,298.5	1,235.7	62.78	20.684		
5,900.0	5,637.9	5,851.5	5,559.0	32.1	36.6	105.82	-885.9	1,444.3	1,309.6	1,246.2	63.44	20.645		
6,000.0	5,737.3	5,981.2	5,688.1	32.3	36.8	106.09	-892.2	1,455.1	1,317.5	1,253.6	63.96	20.598		
6,100.0	5,837.0	6,111.3	5,818.0	32.5	37.0	106.34	-895.6	1,460.8	1,322.2	1,257.8	64.36	20.543		
6,200.0	5,937.0	6,230.3	5,937.0	32.6	37.1	106.52	-896.2	1,461.8	1,323.8	1,259.1	64.63	20.482		
6,300.0	6,037.0	6,330.3	6,037.0	32.7	37.2	-179.68	-896.2	1,461.8	1,324.0	1,259.2	64.81	20.429		
6,400.0	6,137.0	6,430.3	6,137.0	32.8	37.2	-179.68	-896.2	1,461.8	1,324.0	1,259.0	64.98	20.375		
6,500.0	6,237.0	6,530.3	6,237.0	32.9	37.3	-179.68	-896.2	1,461.8	1,324.0	1,258.8	65.15	20.320		
6,600.0	6,337.0	6,630.3	6,337.0	33.0	37.4	-179.68	-896.2	1,461.8	1,324.0	1,258.6	65.33	20.265		
6,700.0	6,437.0	6,730.3	6,437.0	33.1	37.4	-179.68	-896.2	1,461.8	1,324.0	1,258.4	65.51	20.209		

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

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Project:</b>	SEC.36-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Reference Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (4-12-12)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:		0.0 ft	
Baldrige & Schneider Pad Sec.36-T7N-R67W - Baldrige 1-1 - Wellbore #1 - Plan #1 (4-12-12)													Offset Well Error:		0.0 ft	
Survey Program: 0-MWD																
Reference		Offset		Semi Major Axis			Distance							Warning		
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				
6,800.0	6,537.0	6,830.3	6,537.0	33.2	37.5	-179.68	-896.2	1,461.8	1,324.0	1,258.3	65.70	20.153				
6,900.0	6,637.0	6,930.3	6,637.0	33.3	37.6	-179.68	-896.2	1,461.8	1,324.0	1,258.1	65.88	20.096				
7,000.0	6,737.0	7,030.3	6,737.0	33.4	37.7	-179.68	-896.2	1,461.8	1,324.0	1,257.9	66.07	20.039				
7,100.0	6,837.0	7,130.3	6,837.0	33.5	37.8	-179.68	-896.2	1,461.8	1,324.0	1,257.7	66.26	19.981				
7,200.0	6,937.0	7,230.3	6,937.0	33.6	37.8	-179.68	-896.2	1,461.8	1,324.0	1,257.5	66.45	19.923				
7,300.0	7,037.0	7,330.3	7,037.0	33.7	37.9	-179.68	-896.2	1,461.8	1,324.0	1,257.3	66.65	19.865				
7,400.0	7,137.0	7,430.3	7,137.0	33.8	38.0	-179.68	-896.2	1,461.8	1,324.0	1,257.1	66.85	19.806				
7,500.0	7,237.0	7,530.3	7,237.0	33.9	38.1	-179.68	-896.2	1,461.8	1,324.0	1,256.9	67.05	19.747				
7,600.0	7,337.0	7,630.3	7,337.0	34.0	38.2	-179.68	-896.2	1,461.8	1,324.0	1,256.7	67.25	19.687				
7,700.0	7,437.0	7,730.3	7,437.0	34.1	38.3	-179.68	-896.2	1,461.8	1,324.0	1,256.5	67.45	19.628				
7,711.3	7,448.3	7,741.6	7,448.3	34.1	38.3	-179.68	-896.2	1,461.8	1,324.0	1,256.5	67.48	19.621				
7,738.0	7,475.0	7,748.3	7,455.0	34.1	38.3	-179.68	-896.2	1,461.8	1,324.1	1,256.6	67.51	19.613				

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Project:</b>	SEC.36-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Reference Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (4-12-12)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-90.05	0.0	-15.0	15.0	15.0	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-90.05	0.0	-15.0	15.0	14.8	0.22	66.792		
200.0	200.0	200.0	200.0	0.3	0.3	-90.05	0.0	-15.0	15.0	14.3	0.67	22.264 CC		
228.0	228.0	228.0	228.0	0.4	0.4	-89.52	0.1	-15.0	15.0	14.2	0.80	18.744		
300.0	300.0	300.0	299.9	0.6	0.6	-83.42	1.7	-15.0	15.1	14.0	1.13	13.419 ES		
400.0	400.0	399.7	399.5	0.8	0.8	-65.18	6.9	-15.0	16.5	15.0	1.58	10.446		
500.0	500.0	499.2	498.7	1.0	1.0	-43.56	15.4	-14.7	21.3	19.3	2.05	10.406 SF		
600.0	600.0	598.5	597.4	1.2	1.3	-24.56	26.2	-12.0	28.9	26.3	2.54	11.384		
700.0	700.0	697.1	695.0	1.5	1.6	-9.57	38.8	-6.6	39.7	36.7	3.06	12.981		
800.0	800.0	794.8	791.2	1.7	1.9	1.55	53.4	1.4	54.1	50.5	3.62	14.969		
900.0	900.0	891.3	885.7	1.9	2.3	9.71	69.7	11.9	72.2	67.9	4.21	17.131		
1,000.0	1,000.0	986.4	978.3	2.1	2.7	15.77	87.7	24.8	93.7	88.8	4.85	19.321		
1,100.0	1,100.0	1,080.5	1,069.1	2.4	3.2	-53.65	107.2	39.9	117.5	112.7	4.85	24.231		
1,200.0	1,199.8	1,177.6	1,162.4	2.6	3.7	-51.40	128.3	56.6	140.9	135.6	5.32	26.466		
1,300.0	1,299.5	1,275.3	1,256.3	2.8	4.2	-50.70	149.4	73.5	162.2	156.4	5.81	27.897		
1,400.0	1,398.7	1,373.5	1,350.6	3.0	4.7	-50.98	170.7	90.4	181.3	175.0	6.34	28.612		
1,500.0	1,497.5	1,471.9	1,445.2	3.3	5.3	-51.99	192.0	107.4	198.4	191.5	6.90	28.734		
1,600.0	1,595.6	1,570.5	1,540.0	3.6	5.8	-53.57	213.3	124.4	213.5	206.0	7.53	28.347		
1,700.0	1,693.1	1,669.3	1,634.8	4.0	6.4	-55.66	234.7	141.4	226.8	218.6	8.24	27.540		
1,800.0	1,789.6	1,767.9	1,729.6	4.4	6.9	-58.21	256.1	158.4	238.6	229.6	9.04	26.398		
1,900.0	1,885.3	1,866.4	1,824.3	4.9	7.5	-61.20	277.4	175.4	249.2	239.3	9.96	25.014		
2,000.0	1,979.8	1,964.6	1,918.7	5.4	8.0	-64.61	298.6	192.4	259.1	248.0	11.03	23.488		
2,100.0	2,073.2	2,062.5	2,012.7	6.1	8.6	-68.42	319.8	209.2	268.6	256.4	12.25	21.937		
2,200.0	2,166.4	2,160.2	2,106.6	6.7	9.1	-72.21	341.0	226.1	279.2	265.7	13.55	20.610		
2,300.0	2,259.6	2,258.0	2,200.5	7.4	9.7	-75.72	362.2	243.0	290.9	276.0	14.89	19.537		
2,400.0	2,352.7	2,355.7	2,294.4	8.1	10.2	-78.95	383.3	259.8	303.6	287.4	16.26	18.675		
2,500.0	2,445.9	2,453.4	2,388.3	8.8	10.8	-81.93	404.5	276.7	317.3	299.6	17.64	17.987		
2,600.0	2,539.0	2,551.2	2,482.3	9.5	11.3	-84.65	425.6	293.5	331.7	312.7	19.02	17.437		
2,700.0	2,632.2	2,648.9	2,576.2	10.3	11.9	-87.15	446.8	310.4	346.8	326.4	20.40	16.999		
2,800.0	2,725.4	2,746.6	2,670.1	11.0	12.4	-89.45	468.0	327.3	362.5	340.7	21.77	16.650		
2,900.0	2,818.5	2,844.4	2,764.0	11.7	13.0	-91.55	489.1	344.1	378.7	355.6	23.13	16.372		
3,000.0	2,911.7	2,942.1	2,857.9	12.5	13.5	-93.48	510.3	361.0	395.5	371.0	24.48	16.151		
3,100.0	3,004.8	3,039.9	2,951.9	13.2	14.1	-95.25	531.4	377.8	412.6	386.7	25.82	15.977		
3,200.0	3,098.0	3,137.6	3,045.8	14.0	14.6	-96.88	552.6	394.7	430.0	402.9	27.15	15.840		
3,300.0	3,191.2	3,235.3	3,139.7	14.7	15.2	-98.39	573.8	411.5	447.8	419.4	28.46	15.733		
3,400.0	3,284.3	3,333.1	3,233.6	15.5	15.7	-99.78	594.9	428.4	465.9	436.1	29.77	15.650		
3,500.0	3,377.5	3,430.8	3,327.5	16.2	16.3	-101.07	616.1	445.3	484.2	453.2	31.06	15.588		
3,600.0	3,470.6	3,528.6	3,421.5	17.0	16.8	-102.27	637.2	462.1	502.8	470.4	32.35	15.542		
3,700.0	3,563.8	3,626.3	3,515.4	17.7	17.4	-103.38	658.4	479.0	521.5	487.9	33.62	15.510		
3,800.0	3,657.0	3,724.0	3,609.3	18.5	18.0	-104.41	679.6	495.8	540.4	505.5	34.89	15.489		
3,900.0	3,750.1	3,821.8	3,703.2	19.2	18.5	-105.37	700.7	512.7	559.5	523.3	36.15	15.477		
4,000.0	3,843.3	3,919.5	3,797.1	20.0	19.1	-106.28	721.9	529.6	578.7	541.3	37.40	15.472		
4,100.0	3,936.4	4,017.2	3,891.1	20.8	19.6	-107.12	743.1	546.4	598.1	559.4	38.65	15.474		
4,200.0	4,029.6	4,115.0	3,985.0	21.5	20.2	-107.91	764.2	563.3	617.5	577.6	39.89	15.481		
4,300.0	4,122.7	4,212.7	4,078.9	22.3	20.7	-108.65	785.4	580.1	637.1	596.0	41.12	15.492		
4,400.0	4,215.9	4,310.5	4,172.8	23.0	21.3	-109.35	806.5	597.0	656.8	614.4	42.35	15.506		
4,500.0	4,309.1	4,408.2	4,266.7	23.8	21.8	-110.01	827.7	613.9	676.5	633.0	43.58	15.524		
4,600.0	4,402.2	4,505.9	4,360.7	24.6	22.4	-110.63	848.9	630.7	696.4	651.6	44.80	15.543		
4,700.0	4,495.4	4,603.7	4,454.6	25.3	23.0	-111.22	870.0	647.6	716.3	670.3	46.02	15.565		
4,800.0	4,588.5	4,701.4	4,548.5	26.1	23.5	-111.77	891.2	664.4	736.3	689.0	47.23	15.588		
4,900.0	4,681.7	4,799.2	4,642.4	26.8	24.1	-112.30	912.3	681.3	756.3	707.9	48.44	15.612		

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

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Project:</b>	SEC.36-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Reference Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (4-12-12)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
5,000.0	4,774.9	4,896.9	4,736.3	27.6	24.6	-112.79	933.5	698.1	776.4	726.8	49.65	15.637			
5,100.0	4,868.0	4,994.6	4,830.2	28.4	25.2	-113.27	954.7	715.0	796.6	745.7	50.86	15.663			
5,200.0	4,961.2	5,092.4	4,924.2	29.1	25.7	-113.73	975.8	731.9	816.8	764.7	52.06	15.690			
5,300.0	5,055.0	5,190.9	5,018.9	29.7	26.3	-114.41	997.1	748.8	836.3	783.2	53.15	15.736			
5,400.0	5,149.9	5,294.0	5,118.6	30.2	26.7	-114.97	1,017.7	765.2	854.1	800.0	54.07	15.795			
5,500.0	5,245.9	5,397.5	5,219.4	30.7	27.1	-115.52	1,035.6	779.4	869.9	815.0	54.90	15.845			
5,600.0	5,342.9	5,501.1	5,321.3	31.1	27.4	-116.04	1,050.5	791.4	883.6	828.0	55.63	15.885			
5,700.0	5,440.6	5,605.0	5,424.0	31.5	27.7	-116.54	1,062.7	801.0	895.4	839.2	56.25	15.918			
5,800.0	5,539.0	5,708.9	5,527.2	31.8	28.0	-117.03	1,071.9	808.4	905.1	848.3	56.77	15.944			
5,900.0	5,637.9	5,812.9	5,630.9	32.1	28.2	-117.51	1,078.1	813.4	912.8	855.6	57.18	15.962			
6,000.0	5,737.3	5,916.8	5,734.7	32.3	28.3	-117.97	1,081.5	816.0	918.4	860.9	57.50	15.973			
6,100.0	5,837.0	6,019.1	5,837.0	32.5	28.4	-118.41	1,082.0	816.5	922.0	864.3	57.71	15.976			
6,200.0	5,937.0	6,119.0	5,937.0	32.6	28.5	-118.66	1,082.0	816.5	923.9	866.0	57.90	15.956			
6,300.0	6,037.0	6,219.0	6,037.0	32.7	28.6	-44.93	1,082.0	816.5	924.2	866.2	58.08	15.913			
6,400.0	6,137.0	6,319.0	6,137.0	32.8	28.7	-44.93	1,082.0	816.5	924.2	866.0	58.27	15.860			
6,500.0	6,237.0	6,419.0	6,237.0	32.9	28.8	-44.93	1,082.0	816.5	924.2	865.8	58.47	15.807			
6,600.0	6,337.0	6,519.0	6,337.0	33.0	28.9	-44.93	1,082.0	816.5	924.2	865.6	58.67	15.753			
6,700.0	6,437.0	6,619.0	6,437.0	33.1	29.0	-44.93	1,082.0	816.5	924.2	865.4	58.87	15.699			
6,800.0	6,537.0	6,719.0	6,537.0	33.2	29.1	-44.93	1,082.0	816.5	924.2	865.2	59.08	15.645			
6,900.0	6,637.0	6,819.0	6,637.0	33.3	29.2	-44.93	1,082.0	816.5	924.2	865.0	59.28	15.590			
7,000.0	6,737.0	6,919.0	6,737.0	33.4	29.3	-44.93	1,082.0	816.5	924.2	864.7	59.49	15.535			
7,100.0	6,837.0	7,019.0	6,837.0	33.5	29.4	-44.93	1,082.0	816.5	924.2	864.5	59.71	15.480			
7,200.0	6,937.0	7,119.0	6,937.0	33.6	29.5	-44.93	1,082.0	816.5	924.2	864.3	59.92	15.424			
7,300.0	7,037.0	7,219.0	7,037.0	33.7	29.6	-44.93	1,082.0	816.5	924.2	864.1	60.14	15.368			
7,400.0	7,137.0	7,319.0	7,137.0	33.8	29.8	-44.93	1,082.0	816.5	924.2	863.9	60.36	15.312			
7,500.0	7,237.0	7,419.0	7,237.0	33.9	29.9	-44.93	1,082.0	816.5	924.2	863.7	60.58	15.256			
7,600.0	7,337.0	7,519.0	7,337.0	34.0	30.0	-44.93	1,082.0	816.5	924.2	863.4	60.81	15.199			
7,700.0	7,437.0	7,619.0	7,437.0	34.1	30.1	-44.93	1,082.0	816.5	924.2	863.2	61.04	15.142			
7,720.8	7,457.8	7,639.9	7,457.8	34.1	30.1	-44.93	1,082.0	816.5	924.2	863.1	61.08	15.130			
7,738.0	7,475.0	7,647.1	7,465.0	34.1	30.1	-44.93	1,082.0	816.5	924.3	863.2	61.11	15.124			

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Project:</b>	SEC.36-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Reference Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (4-12-12)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference														
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)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	88.61	0.4	15.0	15.0	15.0	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	88.61	0.4	15.0	15.0	14.8	0.22	66.812		
200.0	200.0	200.0	200.0	0.3	0.3	88.61	0.4	15.0	15.0	14.3	0.67	22.271		
300.0	300.0	300.0	300.0	0.6	0.6	88.61	0.4	15.0	15.0	13.9	1.12	13.362		
400.0	400.0	400.0	400.0	0.8	0.8	88.61	0.4	15.0	15.0	13.4	1.57	9.545		
500.0	500.0	500.0	500.0	1.0	1.0	88.61	0.4	15.0	15.0	13.0	2.02	7.424		
600.0	600.0	600.0	600.0	1.2	1.2	88.61	0.4	15.0	15.0	12.5	2.47	6.074		
700.0	700.0	700.0	700.0	1.5	1.5	88.61	0.4	15.0	15.0	12.1	2.92	5.139 CC, ES		
800.0	800.0	799.5	799.4	1.7	1.7	89.94	0.0	16.7	16.7	13.4	3.36	4.981 SF		
900.0	900.0	898.7	898.5	1.9	1.9	92.69	-1.0	21.8	21.8	18.1	3.78	5.772		
1,000.0	1,000.0	997.4	996.9	2.1	2.1	95.20	-2.7	30.1	30.4	26.2	4.23	7.194		
1,100.0	1,100.0	1,095.6	1,094.4	2.4	2.3	24.11	-5.1	41.7	40.8	36.2	4.63	8.811		
1,200.0	1,199.8	1,193.4	1,191.0	2.6	2.6	27.45	-8.2	56.5	51.6	46.6	5.05	10.218		
1,300.0	1,299.5	1,292.3	1,288.2	2.8	2.9	31.13	-11.7	74.0	62.1	56.6	5.48	11.331		
1,400.0	1,398.7	1,391.8	1,386.1	3.0	3.3	35.31	-15.4	91.6	70.0	64.1	5.92	11.825		
1,500.0	1,497.5	1,491.5	1,484.1	3.3	3.6	40.28	-19.0	109.3	75.6	69.2	6.40	11.809		
1,600.0	1,595.6	1,591.0	1,582.0	3.6	4.0	46.31	-22.7	127.0	79.2	72.3	6.95	11.404		
1,700.0	1,693.1	1,690.5	1,679.8	4.0	4.4	53.67	-26.3	144.7	81.6	74.0	7.61	10.725		
1,800.0	1,789.6	1,789.6	1,777.3	4.4	4.8	62.54	-29.9	162.3	83.5	75.1	8.43	9.908		
1,900.0	1,885.3	1,888.3	1,874.4	4.9	5.2	72.92	-33.5	179.9	86.3	76.9	9.45	9.139		
2,000.0	1,979.8	1,986.5	1,971.0	5.4	5.5	84.37	-37.1	197.3	91.4	80.8	10.61	8.620		
2,100.0	2,073.2	2,084.1	2,066.9	6.1	5.9	96.03	-40.7	214.7	100.2	88.4	11.78	8.502		
2,200.0	2,166.4	2,181.6	2,162.8	6.7	6.3	105.98	-44.2	232.0	112.7	99.9	12.83	8.785		
2,300.0	2,259.6	2,279.0	2,258.6	7.4	6.7	113.81	-47.8	249.3	128.0	114.3	13.76	9.308		
2,400.0	2,352.7	2,376.5	2,354.4	8.1	7.1	119.93	-51.3	266.6	145.2	130.6	14.59	9.952		
2,500.0	2,445.9	2,473.9	2,450.3	8.8	7.5	124.73	-54.9	283.9	163.7	148.3	15.38	10.643		
2,600.0	2,539.0	2,571.3	2,546.1	9.5	7.9	128.55	-58.5	301.2	183.0	166.9	16.14	11.341		
2,700.0	2,632.2	2,668.8	2,641.9	10.3	8.3	131.64	-62.0	318.5	203.0	186.1	16.88	12.024		
2,800.0	2,725.4	2,766.2	2,737.7	11.0	8.7	134.17	-65.6	335.9	223.5	205.9	17.62	12.681		
2,900.0	2,818.5	2,863.7	2,833.6	11.7	9.1	136.28	-69.1	353.2	244.3	225.9	18.36	13.305		
3,000.0	2,911.7	2,961.1	2,929.4	12.5	9.5	138.06	-72.7	370.5	265.4	246.3	19.10	13.895		
3,100.0	3,004.8	3,058.6	3,025.2	13.2	9.9	139.57	-76.3	387.8	286.7	266.9	19.84	14.451		
3,200.0	3,098.0	3,156.0	3,121.0	14.0	10.3	140.88	-79.8	405.1	308.2	287.6	20.58	14.973		
3,300.0	3,191.2	3,253.5	3,216.9	14.7	10.7	142.02	-83.4	422.4	329.8	308.4	21.32	15.464		
3,400.0	3,284.3	3,350.9	3,312.7	15.5	11.1	143.01	-86.9	439.7	351.5	329.4	22.07	15.925		
3,500.0	3,377.5	3,448.3	3,408.5	16.2	11.5	143.89	-90.5	457.1	373.3	350.4	22.82	16.359		
3,600.0	3,470.6	3,545.8	3,504.4	17.0	11.9	144.68	-94.0	474.4	395.1	371.6	23.57	16.766		
3,700.0	3,563.8	3,643.2	3,600.2	17.7	12.3	145.38	-97.6	491.7	417.1	392.7	24.32	17.150		
3,800.0	3,657.0	3,740.7	3,696.0	18.5	12.7	146.01	-101.2	509.0	439.0	414.0	25.07	17.512		
3,900.0	3,750.1	3,838.1	3,791.8	19.2	13.1	146.58	-104.7	526.3	461.1	435.2	25.83	17.853		
4,000.0	3,843.3	3,935.6	3,887.7	20.0	13.5	147.10	-108.3	543.6	483.1	456.6	26.58	18.175		
4,100.0	3,936.4	4,033.0	3,983.5	20.8	13.9	147.58	-111.8	560.9	505.3	477.9	27.34	18.480		
4,200.0	4,029.6	4,130.5	4,079.3	21.5	14.3	148.01	-115.4	578.3	527.4	499.3	28.10	18.768		
4,300.0	4,122.7	4,227.9	4,175.1	22.3	14.7	148.41	-119.0	595.6	549.6	520.7	28.86	19.041		
4,400.0	4,215.9	4,325.3	4,271.0	23.0	15.1	148.78	-122.5	612.9	571.7	542.1	29.62	19.301		
4,500.0	4,309.1	4,422.8	4,366.8	23.8	15.5	149.12	-126.1	630.2	593.9	563.6	30.39	19.547		
4,600.0	4,402.2	4,520.2	4,462.6	24.6	15.9	149.44	-129.6	647.5	616.2	585.0	31.15	19.781		
4,700.0	4,495.4	4,617.7	4,558.5	25.3	16.3	149.73	-133.2	664.8	638.4	606.5	31.91	20.004		
4,800.0	4,588.5	4,715.1	4,654.3	26.1	16.7	150.01	-136.7	682.1	660.7	628.0	32.68	20.217		
4,900.0	4,681.7	4,812.6	4,750.1	26.8	17.1	150.26	-140.3	699.5	682.9	649.5	33.45	20.419		
5,000.0	4,774.9	4,910.0	4,845.9	27.6	17.5	150.50	-143.9	716.8	705.2	671.0	34.21	20.613		

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



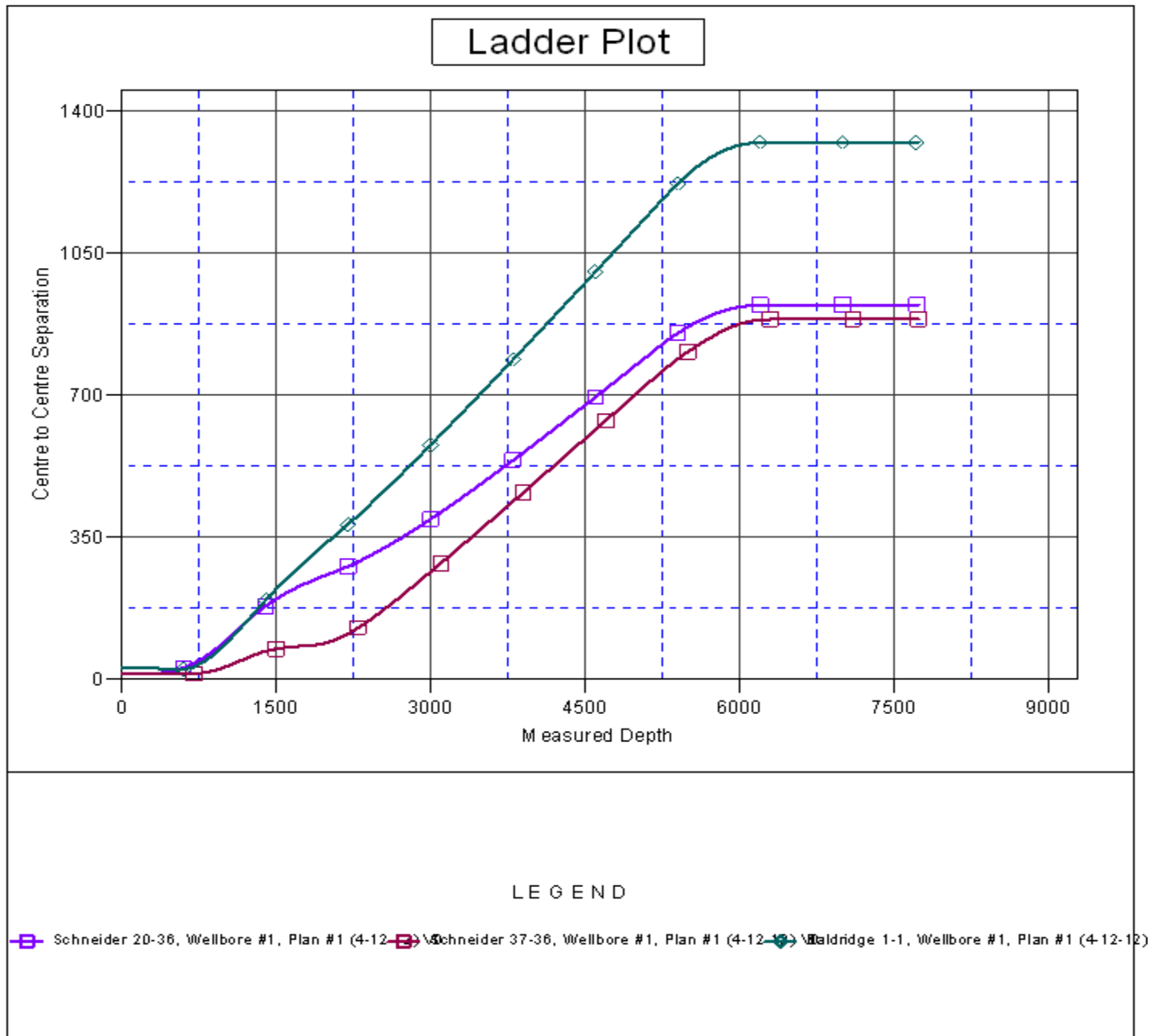
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Project:</b>	SEC.36-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Reference Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (4-12-12)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,868.0	5,007.4	4,941.8	28.4	17.9	150.73	-147.4	734.1	727.5	692.5	34.98	20.798		
5,200.0	4,961.2	5,104.9	5,037.6	29.1	18.3	150.95	-151.0	751.4	749.8	714.1	35.75	20.975		
5,300.0	5,055.0	5,195.5	5,126.8	29.7	18.7	151.31	-154.2	767.1	770.8	734.4	36.42	21.165		
5,400.0	5,149.9	5,280.5	5,210.8	30.2	18.9	151.66	-156.8	779.7	790.3	753.4	36.94	21.393		
5,500.0	5,245.9	5,365.3	5,295.0	30.7	19.1	152.04	-158.9	789.7	808.4	771.0	37.38	21.624		
5,600.0	5,342.9	5,450.0	5,379.3	31.1	19.3	152.43	-160.4	797.3	825.2	787.4	37.75	21.860		
5,700.0	5,440.6	5,534.6	5,463.7	31.5	19.5	152.85	-161.5	802.5	840.6	802.5	38.03	22.102		
5,800.0	5,539.0	5,618.9	5,548.0	31.8	19.6	153.29	-162.0	805.2	854.6	816.4	38.24	22.349		
5,900.0	5,637.9	5,708.8	5,637.9	32.1	19.7	153.76	-162.1	805.7	867.2	828.8	38.38	22.594		
6,000.0	5,737.3	5,808.2	5,737.3	32.3	19.8	154.16	-162.1	805.7	877.0	838.5	38.51	22.771		
6,100.0	5,837.0	5,908.0	5,837.0	32.5	20.0	154.43	-162.1	805.7	883.7	845.0	38.65	22.867		
6,200.0	5,937.0	6,007.9	5,937.0	32.6	20.1	154.57	-162.1	805.7	887.2	848.5	38.78	22.881		
6,300.0	6,037.0	6,107.9	6,037.0	32.7	20.2	-131.64	-162.1	805.7	887.9	848.9	38.96	22.789		
6,400.0	6,137.0	6,207.9	6,137.0	32.8	20.4	-131.64	-162.1	805.7	887.9	848.6	39.24	22.627		
6,500.0	6,237.0	6,307.9	6,237.0	32.9	20.5	-131.64	-162.1	805.7	887.9	848.3	39.52	22.465		
6,600.0	6,337.0	6,407.9	6,337.0	33.0	20.6	-131.64	-162.1	805.7	887.9	848.1	39.81	22.303		
6,700.0	6,437.0	6,507.9	6,437.0	33.1	20.8	-131.64	-162.1	805.7	887.9	847.8	40.10	22.143		
6,800.0	6,537.0	6,607.9	6,537.0	33.2	20.9	-131.64	-162.1	805.7	887.9	847.5	40.39	21.983		
6,900.0	6,637.0	6,707.9	6,637.0	33.3	21.1	-131.64	-162.1	805.7	887.9	847.2	40.68	21.823		
7,000.0	6,737.0	6,807.9	6,737.0	33.4	21.2	-131.64	-162.1	805.7	887.9	846.9	40.98	21.665		
7,100.0	6,837.0	6,907.9	6,837.0	33.5	21.4	-131.64	-162.1	805.7	887.9	846.6	41.28	21.507		
7,200.0	6,937.0	7,007.9	6,937.0	33.6	21.5	-131.64	-162.1	805.7	887.9	846.3	41.59	21.351		
7,300.0	7,037.0	7,107.9	7,037.0	33.7	21.7	-131.64	-162.1	805.7	887.9	846.0	41.89	21.195		
7,400.0	7,137.0	7,207.9	7,137.0	33.8	21.8	-131.64	-162.1	805.7	887.9	845.7	42.20	21.040		
7,500.0	7,237.0	7,307.9	7,237.0	33.9	22.0	-131.64	-162.1	805.7	887.9	845.4	42.51	20.886		
7,600.0	7,337.0	7,407.9	7,337.0	34.0	22.1	-131.64	-162.1	805.7	887.9	845.0	42.82	20.733		
7,700.0	7,437.0	7,507.9	7,437.0	34.1	22.3	-131.64	-162.1	805.7	887.9	844.7	43.14	20.582		
7,720.8	7,457.8	7,528.7	7,457.8	34.1	22.3	-131.64	-162.1	805.7	887.9	844.7	43.20	20.550		
7,738.0	7,475.0	7,535.9	7,465.0	34.1	22.3	-131.64	-162.1	805.7	887.9	844.7	43.24	20.534		



<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Project:</b>	SEC.36-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Reference Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (4-12-12)	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4893.0ft (Original Well Elev) Coordinates are relative to: Schneider 16-36  
 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: 0.43°



<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Schneider 16-36
<b>Project:</b>	SEC.36-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Reference Site:</b>	Baldrige & Schneider Pad Sec.36-T7N-R67W	<b>MD Reference:</b>	WELL @ 4893.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Schneider 16-36	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (4-12-12)	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4893.0ft (Original Well Elev)Coordinates are relative to: Schneider 16-36

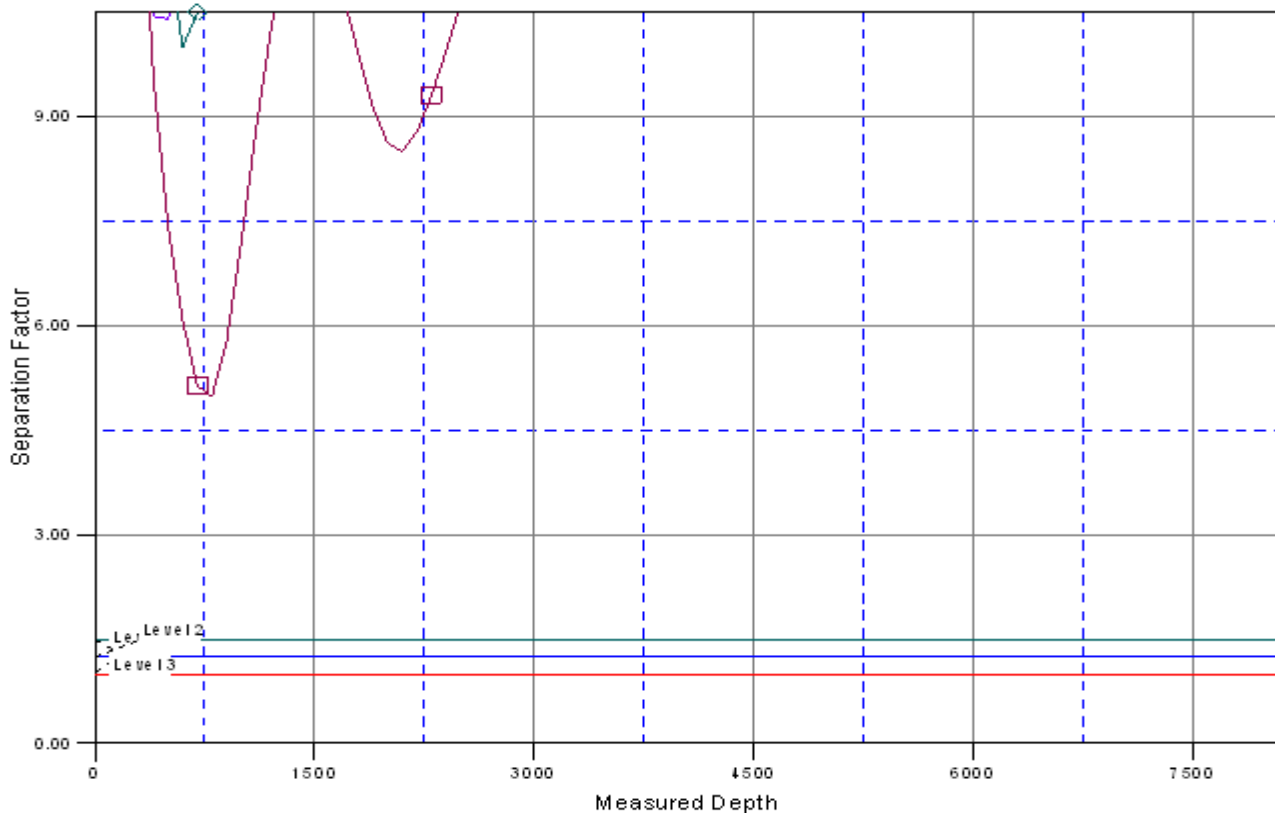
Offset Depths are relative to Offset Datum

Coordinate System is US State Plane 1983, Colorado Northern Zone

Central Meridian is -105.500000 °

Grid Convergence at Surface is: 0.43°

### Separation Factor Plot



### LEGEND

— Schneider 20-36, Wellbore #1, Plan #1 (4-12-12)
 — Schneider 37-36, Wellbore #1, Plan #1 (4-12-12)
 — Baldrige 1-1, Wellbore #1, Plan #1 (4-12-12)