

# Bayswater Exploration & Production, LLC

Well Name: **Matrix M-29HN**

Surface Location: Matrix 29- Pad Sec.29-T6N-R65W

North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

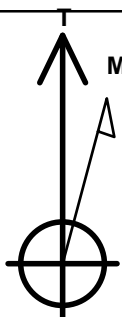
Ground Elevation: 4708.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1408864.21	3225769.03	40.452899	-104.688725	

Original Well Elev WELL @ 4730.5ft (Original Well Elev)

## WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 528'FSL & 2224'FWL	1.0	0.0	0.0	Point
BHL 470'FNL & 1797'FEL	7021.0	4183.5	1191.8	Point



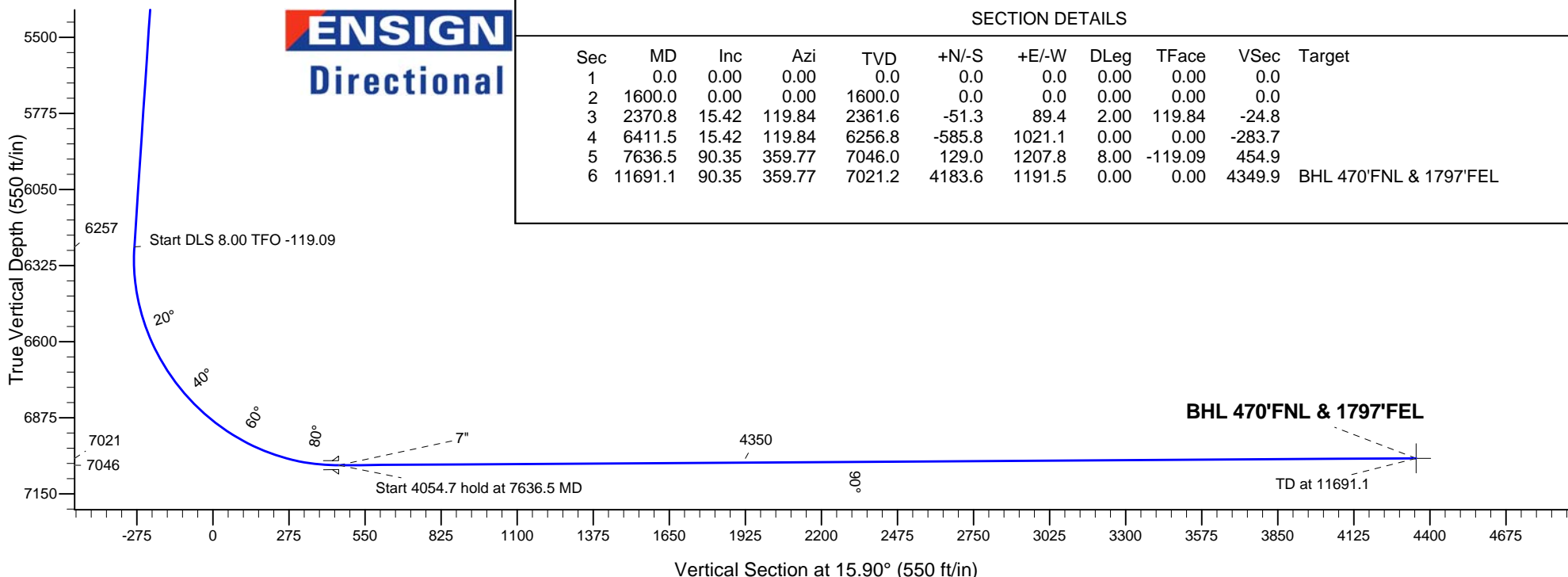
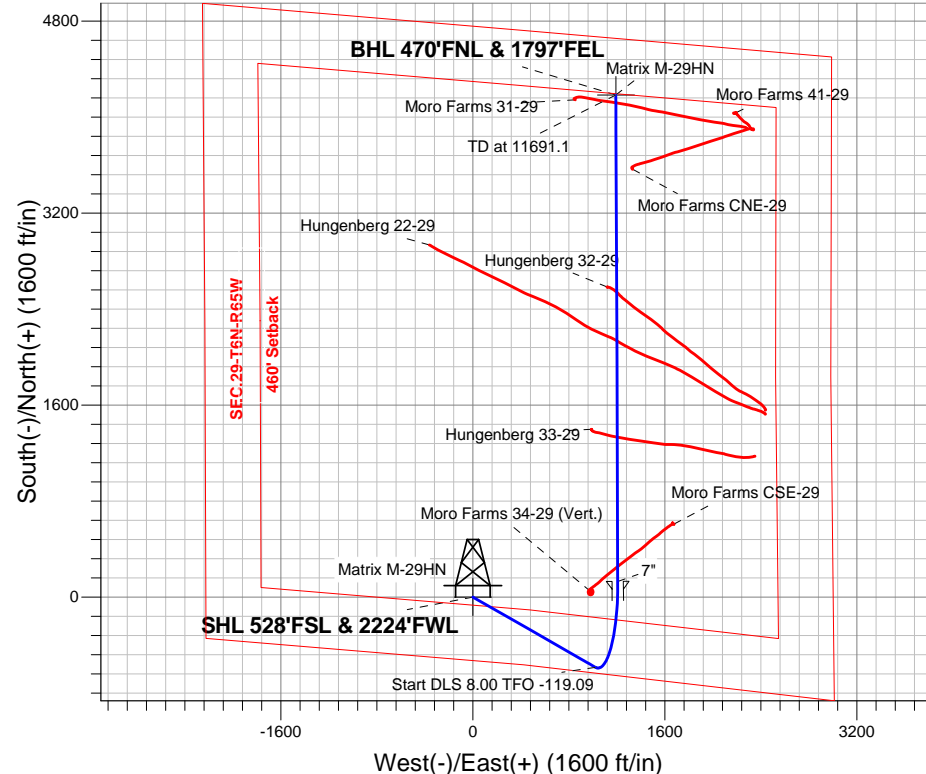
Azimuths to True North  
Magnetic North: 8.38°

Magnetic Field  
Strength: 52818.2nT  
Dip Angle: 66.99°  
Date: 10/9/2014  
Model: IGRF2010

Matrix 29- Pad Sec.29-T6N-R65W  
Matrix M-29HN  
Plan #1 (10-08-14)  
9:48, November 06 2014

## ANNOTATIONS

TVD	MD	Annotation
1600.0	1600.0	KOP - Start Build 2.00
6256.8	6411.5	Start DLS 8.00 TFO -119.09
7046.0	7636.5	Start 4054.7 hold at 7636.5 MD
7021.2	11691.1	TD at 11691.1



## 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	1600.0	0.00	0.00	1600.0	0.0	0.0	0.00	0.00	0.0	
3	2370.8	15.42	119.84	2361.6	-51.3	89.4	2.00	119.84	-24.8	
4	6411.5	15.42	119.84	6256.8	-585.8	1021.1	0.00	0.00	-283.7	
5	7636.5	90.35	359.77	7046.0	129.0	1207.8	8.00	-119.09	454.9	
6	11691.1	90.35	359.77	7021.2	4183.6	1191.5	0.00	0.00	4349.9	BHL 470'FNL & 1797'FEL



# **Bayswater Exploration & Production, LLC**

**SEC.29-T6N-R65W**

**Matrix 29- Pad Sec.29-T6N-R65W**

**Matrix M-29HN**

**Wellbore #1**

**Plan: Plan #1 (10-08-14)**

## **Standard Planning Report**

**06 November, 2014**



**BAYSWATER**  
**EXPLORATION & PRODUCTION, LLC**

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Project:</b>	SEC.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>North Reference:</b>	True
<b>Well:</b>	Matrix M-29HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (10-08-14)		

<b>Project</b>	SEC.29-T6N-R65W		
<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	Matrix 29- Pad Sec.29-T6N-R65W				
Site Position:		Northing:	1,408,840.92 ft	Latitude:	40.452836
From:	Lat/Long	Easting:	3,225,730.56 ft	Longitude:	-104.688864
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.52 °

Well	Matrix M-29HN					
Well Position	+N-S	22.9 ft	Northing:	1,408,864.21 ft	Latitude:	40.452899
	+E-W	38.7 ft	Easting:	3,225,769.03 ft	Longitude:	-104.688725
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,708.0 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	10/9/2014	8.38	66.99	52,818

<b>Design</b>	Plan #1 (10-08-14)			
<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	15.90

<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	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,370.8	15.42	119.84	2,361.6	-51.3	89.4	2.00	2.00	0.00	119.84	
6,411.5	15.42	119.84	6,256.8	-585.8	1,021.1	0.00	0.00	0.00	0.00	
7,636.5	90.35	359.77	7,046.0	129.0	1,207.8	8.00	6.12	-9.80	-119.09	
11,691.1	90.35	359.77	7,021.2	4,183.6	1,191.5	0.00	0.00	0.00	0.00	BHL 470'FNL & 175

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
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<b>Project:</b>	SEC.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>North Reference:</b>	True
<b>Well:</b>	Matrix M-29HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (10-08-14)		

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
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>SHL 528'FSL &amp; 2224'FWL</b>									
100.0	0.00	0.00	100.0	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
300.0	0.00	0.00	300.0	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
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	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
900.0	0.00	0.00	900.0	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
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>KOP - Start Build 2.00</b>									
1,700.0	2.00	119.84	1,700.0	-0.9	1.5	-0.4	2.00	2.00	0.00
1,800.0	4.00	119.84	1,799.8	-3.5	6.1	-1.7	2.00	2.00	0.00
1,900.0	6.00	119.84	1,899.5	-7.8	13.6	-3.8	2.00	2.00	0.00
2,000.0	8.00	119.84	1,998.7	-13.9	24.2	-6.7	2.00	2.00	0.00
2,100.0	10.00	119.84	2,097.5	-21.7	37.8	-10.5	2.00	2.00	0.00
2,200.0	12.00	119.84	2,195.6	-31.2	54.3	-15.1	2.00	2.00	0.00
2,300.0	14.00	119.84	2,293.1	-42.3	73.8	-20.5	2.00	2.00	0.00
2,370.8	15.42	119.84	2,361.6	-51.3	89.4	-24.8	2.00	2.00	0.00
2,400.0	15.42	119.84	2,389.7	-55.2	96.1	-26.7	0.00	0.00	0.00
2,500.0	15.42	119.84	2,486.1	-68.4	119.2	-33.1	0.00	0.00	0.00
2,600.0	15.42	119.84	2,582.5	-81.6	142.3	-39.5	0.00	0.00	0.00
2,700.0	15.42	119.84	2,678.9	-94.8	165.3	-45.9	0.00	0.00	0.00
2,800.0	15.42	119.84	2,775.3	-108.1	188.4	-52.3	0.00	0.00	0.00
2,900.0	15.42	119.84	2,871.7	-121.3	211.4	-58.7	0.00	0.00	0.00
3,000.0	15.42	119.84	2,968.1	-134.5	234.5	-65.1	0.00	0.00	0.00
3,100.0	15.42	119.84	3,064.5	-147.8	257.5	-71.6	0.00	0.00	0.00
3,200.0	15.42	119.84	3,160.9	-161.0	280.6	-78.0	0.00	0.00	0.00
3,300.0	15.42	119.84	3,257.3	-174.2	303.7	-84.4	0.00	0.00	0.00
3,400.0	15.42	119.84	3,353.7	-187.4	326.7	-90.8	0.00	0.00	0.00
3,500.0	15.42	119.84	3,450.1	-200.7	349.8	-97.2	0.00	0.00	0.00
3,600.0	15.42	119.84	3,546.5	-213.9	372.8	-103.6	0.00	0.00	0.00
3,700.0	15.42	119.84	3,642.9	-227.1	395.9	-110.0	0.00	0.00	0.00
3,800.0	15.42	119.84	3,739.3	-240.4	419.0	-116.4	0.00	0.00	0.00
3,900.0	15.42	119.84	3,835.7	-253.6	442.0	-122.8	0.00	0.00	0.00
4,000.0	15.42	119.84	3,932.1	-266.8	465.1	-129.2	0.00	0.00	0.00
4,100.0	15.42	119.84	4,028.5	-280.0	488.1	-135.6	0.00	0.00	0.00
4,200.0	15.42	119.84	4,124.9	-293.3	511.2	-142.0	0.00	0.00	0.00
4,300.0	15.42	119.84	4,221.3	-306.5	534.3	-148.4	0.00	0.00	0.00
4,400.0	15.42	119.84	4,317.7	-319.7	557.3	-154.8	0.00	0.00	0.00
4,500.0	15.42	119.84	4,414.1	-333.0	580.4	-161.2	0.00	0.00	0.00
4,600.0	15.42	119.84	4,510.5	-346.2	603.4	-167.7	0.00	0.00	0.00
4,700.0	15.42	119.84	4,606.9	-359.4	626.5	-174.1	0.00	0.00	0.00
4,800.0	15.42	119.84	4,703.3	-372.6	649.5	-180.5	0.00	0.00	0.00
4,900.0	15.42	119.84	4,799.7	-385.9	672.6	-186.9	0.00	0.00	0.00

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<b>Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>North Reference:</b>	True
<b>Well:</b>	Matrix M-29HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (10-08-14)		

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)
5,000.0	15.42	119.84	4,896.1	-399.1	695.7	-193.3	0.00	0.00	0.00
5,100.0	15.42	119.84	4,992.5	-412.3	718.7	-199.7	0.00	0.00	0.00
5,200.0	15.42	119.84	5,088.9	-425.6	741.8	-206.1	0.00	0.00	0.00
5,300.0	15.42	119.84	5,185.3	-438.8	764.8	-212.5	0.00	0.00	0.00
5,400.0	15.42	119.84	5,281.7	-452.0	787.9	-218.9	0.00	0.00	0.00
5,500.0	15.42	119.84	5,378.1	-465.2	811.0	-225.3	0.00	0.00	0.00
5,600.0	15.42	119.84	5,474.5	-478.5	834.0	-231.7	0.00	0.00	0.00
5,700.0	15.42	119.84	5,570.9	-491.7	857.1	-238.1	0.00	0.00	0.00
5,800.0	15.42	119.84	5,667.3	-504.9	880.1	-244.5	0.00	0.00	0.00
5,900.0	15.42	119.84	5,763.7	-518.2	903.2	-250.9	0.00	0.00	0.00
6,000.0	15.42	119.84	5,860.1	-531.4	926.3	-257.3	0.00	0.00	0.00
6,100.0	15.42	119.84	5,956.5	-544.6	949.3	-263.8	0.00	0.00	0.00
6,200.0	15.42	119.84	6,052.9	-557.8	972.4	-270.2	0.00	0.00	0.00
6,300.0	15.42	119.84	6,149.4	-571.1	995.4	-276.6	0.00	0.00	0.00
6,400.0	15.42	119.84	6,245.8	-584.3	1,018.5	-283.0	0.00	0.00	0.00
6,411.5	15.42	119.84	6,256.8	-585.8	1,021.1	-283.7	0.00	0.00	0.00
Start DLS 8.00 TFO -119.09									
6,500.0	13.44	92.25	6,342.6	-592.1	1,041.6	-284.1	8.00	-2.23	-31.18
6,600.0	15.32	60.50	6,439.7	-586.0	1,064.8	-271.9	8.00	1.88	-31.75
6,700.0	20.36	39.91	6,534.9	-566.1	1,087.5	-246.6	8.00	5.04	-20.59
6,800.0	26.83	28.03	6,626.5	-532.8	1,109.3	-208.6	8.00	6.47	-11.88
6,900.0	33.92	20.66	6,712.8	-486.7	1,129.8	-158.6	8.00	7.09	-7.38
7,000.0	41.31	15.62	6,792.0	-428.7	1,148.6	-97.7	8.00	7.39	-5.03
7,100.0	48.87	11.89	6,862.5	-360.0	1,165.2	-27.0	8.00	7.55	-3.73
7,200.0	56.52	8.94	6,923.1	-281.8	1,179.5	52.1	8.00	7.65	-2.95
7,300.0	64.22	6.48	6,972.5	-195.7	1,191.1	138.0	8.00	7.71	-2.47
7,400.0	71.97	4.31	7,009.8	-103.4	1,199.7	229.1	8.00	7.74	-2.16
7,500.0	79.74	2.33	7,034.2	-6.7	1,205.3	323.7	8.00	7.77	-1.98
7,600.0	87.51	0.45	7,045.3	92.6	1,207.7	419.8	8.00	7.78	-1.88
7,636.5	90.35	359.77	7,046.0	129.0	1,207.8	454.9	7.99	7.77	-1.86
Start 4054.7 hold at 7636.5 MD - 7"									
7,700.0	90.35	359.77	7,045.6	192.5	1,207.5	515.9	0.00	0.00	0.00
7,800.0	90.35	359.77	7,045.0	292.5	1,207.1	612.0	0.00	0.00	0.00
7,900.0	90.35	359.77	7,044.4	392.5	1,206.7	708.1	0.00	0.00	0.00
8,000.0	90.35	359.77	7,043.8	492.5	1,206.3	804.1	0.00	0.00	0.00
8,100.0	90.35	359.77	7,043.2	592.5	1,205.9	900.2	0.00	0.00	0.00
8,200.0	90.35	359.77	7,042.6	692.5	1,205.5	996.3	0.00	0.00	0.00
8,300.0	90.35	359.77	7,041.9	792.5	1,205.1	1,092.3	0.00	0.00	0.00
8,400.0	90.35	359.77	7,041.3	892.5	1,204.7	1,188.4	0.00	0.00	0.00
8,500.0	90.35	359.77	7,040.7	992.5	1,204.3	1,284.4	0.00	0.00	0.00
8,600.0	90.35	359.77	7,040.1	1,092.5	1,203.9	1,380.5	0.00	0.00	0.00
8,700.0	90.35	359.77	7,039.5	1,192.5	1,203.5	1,476.6	0.00	0.00	0.00
8,800.0	90.35	359.77	7,038.9	1,292.5	1,203.1	1,572.6	0.00	0.00	0.00
8,900.0	90.35	359.77	7,038.3	1,392.5	1,202.7	1,668.7	0.00	0.00	0.00
9,000.0	90.35	359.77	7,037.7	1,492.5	1,202.3	1,764.8	0.00	0.00	0.00
9,100.0	90.35	359.77	7,037.1	1,592.5	1,201.9	1,860.8	0.00	0.00	0.00
9,200.0	90.35	359.77	7,036.4	1,692.5	1,201.5	1,956.9	0.00	0.00	0.00
9,300.0	90.35	359.77	7,035.8	1,792.5	1,201.1	2,053.0	0.00	0.00	0.00
9,400.0	90.35	359.77	7,035.2	1,892.5	1,200.7	2,149.0	0.00	0.00	0.00
9,500.0	90.35	359.77	7,034.6	1,992.5	1,200.3	2,245.1	0.00	0.00	0.00
9,600.0	90.35	359.77	7,034.0	2,092.5	1,199.9	2,341.1	0.00	0.00	0.00
9,700.0	90.35	359.77	7,033.4	2,192.5	1,199.5	2,437.2	0.00	0.00	0.00
9,800.0	90.35	359.77	7,032.8	2,292.5	1,199.1	2,533.3	0.00	0.00	0.00
9,900.0	90.35	359.77	7,032.2	2,392.5	1,198.7	2,629.3	0.00	0.00	0.00

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<b>Project:</b>	SEC.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>North Reference:</b>	True
<b>Well:</b>	Matrix M-29HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (10-08-14)		

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)	
10,000.0	90.35	359.77	7,031.6	2,492.5	1,198.3	2,725.4	0.00	0.00	0.00	
10,100.0	90.35	359.77	7,031.0	2,592.5	1,197.9	2,821.5	0.00	0.00	0.00	
10,200.0	90.35	359.77	7,030.3	2,692.5	1,197.5	2,917.5	0.00	0.00	0.00	
10,300.0	90.35	359.77	7,029.7	2,792.5	1,197.1	3,013.6	0.00	0.00	0.00	
10,400.0	90.35	359.77	7,029.1	2,892.5	1,196.7	3,109.6	0.00	0.00	0.00	
10,500.0	90.35	359.77	7,028.5	2,992.5	1,196.3	3,205.7	0.00	0.00	0.00	
10,600.0	90.35	359.77	7,027.9	3,092.5	1,195.9	3,301.8	0.00	0.00	0.00	
10,700.0	90.35	359.77	7,027.3	3,192.5	1,195.5	3,397.8	0.00	0.00	0.00	
10,800.0	90.35	359.77	7,026.7	3,292.5	1,195.1	3,493.9	0.00	0.00	0.00	
10,900.0	90.35	359.77	7,026.1	3,392.5	1,194.7	3,590.0	0.00	0.00	0.00	
11,000.0	90.35	359.77	7,025.5	3,492.5	1,194.3	3,686.0	0.00	0.00	0.00	
11,100.0	90.35	359.77	7,024.8	3,592.5	1,193.9	3,782.1	0.00	0.00	0.00	
11,200.0	90.35	359.77	7,024.2	3,692.4	1,193.5	3,878.1	0.00	0.00	0.00	
11,300.0	90.35	359.77	7,023.6	3,792.4	1,193.1	3,974.2	0.00	0.00	0.00	
11,400.0	90.35	359.77	7,023.0	3,892.4	1,192.7	4,070.3	0.00	0.00	0.00	
11,500.0	90.35	359.77	7,022.4	3,992.4	1,192.3	4,166.3	0.00	0.00	0.00	
11,600.0	90.35	359.77	7,021.8	4,092.4	1,191.9	4,262.4	0.00	0.00	0.00	
11,691.0	90.35	359.77	7,021.2	4,183.5	1,191.5	4,349.9	0.00	0.00	0.00	
<b>BHL 470'FNL &amp; 1797'FEL</b>										
11,691.1	90.35	359.77	7,021.2	4,183.5	1,191.5	4,349.9	0.00	0.00	0.00	
<b>TD at 11691.1</b>										

Targets										
Target Name	- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
BHL 470'FNL & 1797'	- plan misses target center by 0.3ft at 11691.0ft MD (7021.2 TVD, 4183.5 N, 1191.5 E)	0.00	0.00	7,021.0	4,183.5	1,191.8	1,413,058.25	3,226,922.44	40.464382	-104.684442
	- Point									
SHL 528'FSL & 2224'I	- plan hits target center	0.00	0.00	1.0	0.0	0.0	1,408,864.22	3,225,769.03	40.452899	-104.688725
	- Point									

Casing Points										
Measured Depth (ft)	Vertical Depth (ft)	Name					Casing Diameter (")	Hole Diameter (")		
7,636.5	7,046.0	7"					7	7-1/2		

Plan Annotations										
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment						
1,600.0	1,600.0	+N/-S (ft)	+E/-W (ft)	KOP - Start Build 2.00						
6,411.5	6,256.8			Start DLS 8.00 TFO -119.09						
7,636.5	7,046.0			Start 4054.7 hold at 7636.5 MD						
11,691.1	7,021.2			TD at 11691.1						



# **Bayswater Exploration & Production, LLC**

**SEC.29-T6N-R65W**

**Matrix 29- Pad Sec.29-T6N-R65W**

**Matrix M-29HN**

**Wellbore #1**

**Plan #1 (10-08-14)**

## **Anticollision Report**

**06 November, 2014**



**BAYSWATER**  
**EXPLORATION & PRODUCTION, LLC**



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Plan #1 (10-08-14)		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	Stations	<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 800.0ft	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma		

<b>Survey Tool Program</b>	<b>Date</b> 11/6/2014			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.0	11,691.1	Plan #1 (10-08-14) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Hungenberg 42-29P Pad Sec.29-T6N-R65W						
Hungenberg 22-29 - Wellbore #1 - Wellbore #1						Out of range
Hungenberg 32-29 - Wellbore #1 - Wellbore #1	10,091.7	7,257.6	78.1	-3.2	0.961	Level 1, CC, ES, SF
Hungenberg 33-29 - Wellbore #1 - Wellbore #1	8,904.0	7,219.1	215.0	162.2	4.070	CC, ES, SF
Matrix 29- Pad Sec.29-T6N-R65W						
Matrix E-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,818.7	1,822.3	107.9	99.6	13.016	CC, ES
Matrix E-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,900.0	1,900.3	109.7	101.0	12.620	SF
Matrix F-29HN - Wellbore #1 - Plan #1 (10-01-14)	2,099.9	2,098.3	95.7	86.4	10.240	CC
Matrix F-29HN - Wellbore #1 - Plan #1 (10-01-14)	2,100.0	2,098.5	95.7	86.4	10.239	ES
Matrix F-29HN - Wellbore #1 - Plan #1 (10-01-14)	2,200.0	2,193.1	100.2	90.4	10.230	SF
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	2,104.2	2,101.6	78.3	69.2	8.548	CC, ES
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	2,200.0	2,195.6	80.4	70.8	8.354	SF
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	200.0	200.0	104.9	104.2	155.532	CC, ES
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	2,200.0	2,196.6	139.4	129.9	14.599	SF
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	2,182.9	2,177.9	104.5	94.9	10.936	CC
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	2,200.0	2,194.6	104.5	94.9	10.845	ES
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	2,300.0	2,292.1	107.7	97.5	10.599	SF
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,600.0	1,600.0	45.0	38.0	6.455	CC, ES
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,700.0	1,700.0	45.9	38.5	6.202	SF
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,600.0	1,600.0	30.1	23.1	4.315	CC, ES
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	11,691.1	11,420.0	674.0	505.8	4.007	SF
Matrix L-29HN - Wellbore #1 - Plan #1 (11-06-14)	1,600.0	1,600.0	14.9	8.0	2.141	CC, ES
Matrix L-29HN - Wellbore #1 - Plan #1 (11-06-14)	11,691.1	11,584.0	338.0	173.1	2.050	SF
Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,400.0	1,400.0	14.9	8.8	2.458	CC, ES
Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)	11,691.1	11,815.7	200.1	57.9	1.407	Level 3, SF
Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,200.0	1,199.0	30.1	24.9	5.817	CC, ES
Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)	11,691.1	11,775.0	331.5	161.7	1.952	SF
Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,000.0	999.0	45.0	40.7	10.539	CC, ES
Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)	11,691.1	11,775.1	659.6	489.8	3.883	SF
Matrix Q-29HN - Wellbore #1 - Plan #1 (11-06-14)	800.0	799.0	59.9	56.5	17.775	CC, ES
Matrix Q-29HN - Wellbore #1 - Plan #1 (11-06-14)	1,100.0	1,094.1	70.5	65.8	15.169	SF
Matrix R-29HN - Wellbore #1 - Plan #1 (10-08-14)	600.0	599.0	75.0	72.6	30.380	CC, ES
Matrix R-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,000.0	990.0	94.7	90.5	22.581	SF
Matrix S-29HC - Wellbore #1 - Plan #1 (10-08-14)	600.0	599.0	162.4	160.0	65.757	CC, ES
Matrix S-29HC - Wellbore #1 - Plan #1 (10-08-14)	4,000.0	3,821.8	792.2	771.0	37.321	SF
Matrix T-29HN - Wellbore #1 - Plan #1 (10-02-14)	200.0	199.0	171.7	171.1	255.536	CC, ES
Matrix T-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,600.0	1,440.8	478.3	469.3	52.752	SF

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



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Moro Farms 31-29 Pad Sec.29-T6N-R65W						
Moro Farms 31-29 - Wellbore #1 - Wellbore #1	11,655.0	7,250.1	346.1	244.1	3.395	CC, ES
Moro Farms 31-29 - Wellbore #1 - Wellbore #1	11,691.1	7,249.6	348.0	245.3	3.391	SF
Moro Farms 41-29 - Wellbore #1 - Wellbore #1						Out of range
Moro Farms CNE-29 - Wellbore #1 - Wellbore #1	11,072.8	7,148.8	135.6	45.4	1.503	CC, ES, SF
Moro Farms CSE-29 Pad Sec.29-T6N-R65W						
Moro Farms 34-29 (Vert.) - Wellbore #1 - Moro Farms 34	7,547.2	7,026.6	225.9	190.9	6.460	CC
Moro Farms 34-29 (Vert.) - Wellbore #1 - Moro Farms 34	7,550.0	7,027.0	225.9	190.9	6.456	ES, SF
Moro Farms CSE-29 - Wellbore #1 - Wellbore #1	8,111.0	7,126.0	467.2	425.7	11.264	CC, ES
Moro Farms CSE-29 - Wellbore #1 - Wellbore #1	8,200.0	7,126.0	475.6	433.0	11.186	SF

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 14-												<b>Offset Well Error:</b>	0.0 ft
Hungenberg 42-29P Pad Sec.29-T6N-R65W - Hungenberg 32-29 - Wellbore #1 - Wellbore #1													
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		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	Warning
9,300.0	7,035.8	7,263.6	7,014.9	44.4	34.4	-94.68	2,583.8	1,119.9	795.5	728.2	67.29	11.822	
9,400.0	7,035.2	7,262.8	7,014.1	46.0	34.4	-94.09	2,583.8	1,119.9	696.0	627.0	69.02	10.085	
9,500.0	7,034.6	7,262.0	7,013.3	47.6	34.4	-93.50	2,583.8	1,119.9	596.8	526.0	70.76	8.434	
9,600.0	7,034.0	7,261.2	7,012.5	49.3	34.4	-92.93	2,583.8	1,119.9	497.8	425.3	72.51	6.865	
9,700.0	7,033.4	7,260.5	7,011.7	51.0	34.4	-92.36	2,583.8	1,119.9	399.4	325.1	74.28	5.377	
9,800.0	7,032.8	7,259.7	7,011.0	52.7	34.4	-91.81	2,583.8	1,119.9	301.9	225.9	76.05	3.970	
9,900.0	7,032.2	7,259.0	7,010.2	54.4	34.4	-91.26	2,583.8	1,119.9	206.9	129.1	77.82	2.659	
10,000.0	7,031.6	7,258.2	7,009.5	56.1	34.4	-90.73	2,583.8	1,119.9	120.4	40.8	79.61	1.512	
10,091.7	7,031.0	7,257.6	7,008.8	57.7	34.4	-90.24	2,583.8	1,119.9	78.1	-3.2	81.24	0.961 Level 1, CC, ES, SF	
10,100.0	7,031.0	7,257.5	7,008.8	57.9	34.4	-90.20	2,583.8	1,119.9	78.5	-2.9	81.39	0.965 Level 1	
10,200.0	7,030.3	7,256.8	7,008.1	59.6	34.4	-89.68	2,583.8	1,119.9	133.5	50.4	83.18	1.605	
10,300.0	7,029.7	7,256.1	7,007.4	61.4	34.4	-89.17	2,583.8	1,119.9	222.5	137.5	84.98	2.618	
10,400.0	7,029.1	7,255.4	7,006.7	63.2	34.4	-88.67	2,583.8	1,119.9	318.1	231.3	86.77	3.666	
10,500.0	7,028.5	7,254.8	7,006.0	65.0	34.4	-88.18	2,583.8	1,119.9	415.7	327.2	88.56	4.694	
10,600.0	7,027.9	7,254.1	7,005.4	66.7	34.4	-87.69	2,583.8	1,119.9	514.3	423.9	90.36	5.692	
10,700.0	7,027.3	7,253.5	7,004.7	68.5	34.4	-87.22	2,583.8	1,119.9	613.3	521.2	92.15	6.655	
10,800.0	7,026.7	7,252.8	7,004.1	70.3	34.4	-86.75	2,583.8	1,119.8	712.6	618.7	93.95	7.585	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 14- Hungenberg 42-29P Pad Sec.29-T6N-R65W - Hungenberg 33-29 - Wellbore #1 - Wellbore #1												<b>Offset Well Error:</b>	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,200.0	7,042.6	7,217.5	7,014.8	29.6	29.9	-89.74	1,395.7	987.7	736.2	693.5	42.63	17.267	
8,300.0	7,041.9	7,217.8	7,015.0	30.5	29.9	-89.80	1,395.7	987.7	641.2	597.3	43.90	14.607	
8,400.0	7,041.3	7,218.0	7,015.2	31.5	29.9	-89.85	1,395.7	987.7	548.0	502.8	45.24	12.114	
8,500.0	7,040.7	7,218.2	7,015.4	32.7	29.9	-89.91	1,395.7	987.7	457.7	411.1	46.64	9.813	
8,600.0	7,040.1	7,218.4	7,015.6	33.9	29.9	-89.97	1,395.7	987.7	372.4	324.3	48.10	7.742	
8,700.0	7,039.5	7,218.6	7,015.9	35.3	29.9	-90.03	1,395.7	987.7	296.4	246.8	49.61	5.974	
8,800.0	7,038.9	7,218.8	7,016.1	36.7	29.9	-90.09	1,395.7	987.7	238.9	187.7	51.17	4.668	
8,900.0	7,038.3	7,219.1	7,016.3	38.1	29.9	-90.14	1,395.7	987.7	215.0	162.3	52.76	4.076	
8,904.0	7,038.3	7,219.1	7,016.3	38.2	29.9	-90.15	1,395.7	987.7	215.0	162.2	52.83	4.070	CC, ES, SF
9,000.0	7,037.7	7,219.3	7,016.5	39.7	29.9	-90.20	1,395.7	987.7	235.4	181.1	54.38	4.329	
9,100.0	7,037.1	7,219.5	7,016.7	41.2	29.9	-90.26	1,395.7	987.7	290.9	234.9	56.03	5.191	
9,200.0	7,036.4	7,219.7	7,016.9	42.8	29.9	-90.32	1,395.7	987.7	365.8	308.1	57.71	6.339	
9,300.0	7,035.8	7,219.9	7,017.2	44.4	29.9	-90.37	1,395.7	987.7	450.5	391.1	59.41	7.584	
9,400.0	7,035.2	7,220.1	7,017.4	46.0	29.9	-90.43	1,395.7	987.7	540.5	479.4	61.12	8.844	
9,500.0	7,034.6	7,220.4	7,017.6	47.6	29.9	-90.49	1,395.7	987.7	633.5	570.7	62.85	10.080	
9,600.0	7,034.0	7,220.6	7,017.8	49.3	29.9	-90.54	1,395.7	987.7	728.4	663.8	64.60	11.275	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
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<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix E-29HN - Wellbore #1 - Plan #1 (10-08-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
0.0	0.0	0.0	0.0	0.0	0.0	122.01	-77.6	124.1	146.4				
100.0	100.0	99.0	99.0	0.1	0.1	122.01	-77.6	124.1	146.4	146.2	0.22	654.531	
200.0	200.0	199.0	199.0	0.3	0.3	122.01	-77.6	124.1	146.4	145.7	0.67	217.814	
300.0	300.0	299.0	299.0	0.6	0.6	122.01	-77.6	124.1	146.4	145.3	1.12	130.514	
400.0	400.0	399.0	399.0	0.8	0.8	122.01	-77.6	124.1	146.4	144.8	1.57	93.171	
500.0	500.0	499.0	499.0	1.0	1.0	122.01	-77.6	124.1	146.4	144.4	2.02	72.443	
600.0	600.0	599.0	599.0	1.2	1.2	122.01	-77.6	124.1	146.4	143.9	2.47	59.260	
700.0	700.0	699.0	699.0	1.5	1.5	122.01	-77.6	124.1	146.4	143.5	2.92	50.136	
800.0	800.0	799.0	799.0	1.7	1.7	122.01	-77.6	124.1	146.4	143.0	3.37	43.447	
900.0	900.0	899.0	899.0	1.9	1.9	122.01	-77.6	124.1	146.4	142.6	3.82	38.332	
1,000.0	1,000.0	999.0	999.0	2.1	2.1	122.01	-77.6	124.1	146.4	142.1	4.27	34.295	
1,100.0	1,100.0	1,102.3	1,102.3	2.4	2.3	122.56	-78.2	122.4	145.2	140.5	4.71	30.854	
1,200.0	1,200.0	1,205.4	1,205.3	2.6	2.6	124.28	-79.8	117.1	141.9	136.7	5.14	27.616	
1,300.0	1,300.0	1,308.0	1,307.4	2.8	2.8	127.33	-82.6	108.4	136.5	131.0	5.58	24.463	
1,400.0	1,400.0	1,409.8	1,408.4	3.0	3.0	131.95	-86.5	96.3	129.8	123.7	6.04	21.472	
1,500.0	1,500.0	1,510.6	1,507.9	3.3	3.3	138.49	-91.4	80.9	122.4	115.9	6.52	18.772	
1,600.0	1,600.0	1,610.1	1,605.5	3.5	3.6	147.29	-97.3	62.5	115.8	108.8	7.00	16.549	
1,700.0	1,700.0	1,707.6	1,700.7	3.7	4.0	38.53	-103.8	42.4	110.7	103.1	7.64	14.485	
1,800.0	1,799.8	1,804.3	1,795.1	3.9	4.3	51.40	-110.1	22.4	108.0	99.8	8.19	13.186	
1,818.7	1,818.5	1,822.3	1,812.7	3.9	4.4	53.99	-111.3	18.7	107.9	99.6	8.29	13.016 CC, ES	
1,900.0	1,899.5	1,900.3	1,888.8	4.1	4.7	65.59	-116.5	2.6	109.7	101.0	8.69	12.620 SF	
2,000.0	1,998.7	1,995.4	1,981.6	4.3	5.1	79.90	-122.8	-17.1	117.6	108.5	9.11	12.899	
2,100.0	2,097.5	2,089.5	2,073.5	4.5	5.5	93.01	-129.0	-36.5	132.5	123.1	9.48	13.988	
2,200.0	2,195.6	2,182.5	2,164.3	4.8	5.9	104.11	-135.2	-55.7	154.4	144.6	9.82	15.729	
2,300.0	2,293.1	2,274.3	2,253.9	5.1	6.3	113.08	-141.2	-74.7	182.5	172.3	10.18	17.928	
2,370.8	2,361.6	2,338.6	2,316.6	5.4	6.6	118.29	-145.5	-88.0	205.6	195.1	10.45	19.672	
2,400.0	2,389.7	2,364.9	2,342.3	5.5	6.7	120.36	-147.2	-93.4	215.8	205.2	10.57	20.413	
2,500.0	2,486.1	2,455.1	2,430.4	5.9	7.1	126.22	-153.2	-112.1	252.3	241.3	11.01	22.919	
2,600.0	2,582.5	2,545.3	2,518.5	6.4	7.5	130.64	-159.2	-130.7	290.7	279.2	11.48	25.309	
2,700.0	2,678.9	2,635.5	2,606.5	6.8	8.0	134.05	-165.1	-149.3	330.2	318.2	11.99	27.544	
2,800.0	2,775.3	2,725.8	2,694.6	7.3	8.4	136.74	-171.1	-168.0	370.5	358.0	12.51	29.618	
2,900.0	2,871.7	2,816.0	2,782.7	7.8	8.8	138.92	-177.0	-186.6	411.5	398.4	13.05	31.533	
3,000.0	2,968.1	2,906.2	2,870.7	8.3	9.2	140.71	-183.0	-205.3	452.8	439.2	13.60	33.299	
3,100.0	3,064.5	2,996.4	2,958.8	8.8	9.6	142.20	-189.0	-223.9	494.4	480.3	14.16	34.928	
3,200.0	3,160.9	3,086.6	3,046.9	9.3	10.0	143.46	-194.9	-242.5	536.3	521.6	14.72	36.431	
3,300.0	3,257.3	3,176.8	3,134.9	9.8	10.5	144.55	-200.9	-261.2	578.3	563.1	15.29	37.821	
3,400.0	3,353.7	3,267.1	3,223.0	10.4	10.9	145.48	-206.9	-279.8	620.6	604.7	15.87	39.108	
3,500.0	3,450.1	3,357.3	3,311.1	10.9	11.3	146.30	-212.8	-298.5	662.9	646.4	16.45	40.301	
3,600.0	3,546.5	3,447.5	3,399.1	11.4	11.7	147.02	-218.8	-317.1	705.3	688.3	17.03	41.410	
3,700.0	3,642.9	3,537.7	3,487.2	12.0	12.2	147.66	-224.8	-335.7	747.8	730.2	17.62	42.442	
3,800.0	3,739.3	3,627.9	3,575.3	12.5	12.6	148.23	-230.7	-354.4	790.4	772.2	18.21	43.405	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix F-29HN - Wellbore #1 - Plan #1 (10-01-14)													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		
0.0	0.0	0.0	0.0	0.0	0.0	117.06	-69.9	136.9	153.8					
100.0	100.0	100.0	100.0	0.1	0.1	117.06	-69.9	136.9	153.8	153.5	0.22	684.071		
200.0	200.0	200.0	200.0	0.3	0.3	117.06	-69.9	136.9	153.8	153.1	0.67	228.024		
300.0	300.0	300.0	300.0	0.6	0.6	117.06	-69.9	136.9	153.8	152.6	1.12	136.814		
400.0	400.0	400.0	400.0	0.8	0.8	117.06	-69.9	136.9	153.8	152.2	1.57	97.724		
500.0	500.0	500.0	500.0	1.0	1.0	117.06	-69.9	136.9	153.8	151.7	2.02	76.008		
600.0	600.0	600.0	600.0	1.2	1.2	117.06	-69.9	136.9	153.8	151.3	2.47	62.188		
700.0	700.0	700.0	700.0	1.5	1.5	117.06	-69.9	136.9	153.8	150.8	2.92	52.621		
800.0	800.0	800.0	800.0	1.7	1.7	117.06	-69.9	136.9	153.8	150.4	3.37	45.605		
900.0	900.0	900.0	900.0	1.9	1.9	117.06	-69.9	136.9	153.8	149.9	3.82	40.239		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	117.06	-69.9	136.9	153.8	149.5	4.27	36.004		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	117.06	-69.9	136.9	153.8	149.0	4.72	32.575		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	117.06	-69.9	136.9	153.8	148.6	5.17	29.742		
1,300.0	1,300.0	1,303.4	1,303.4	2.8	2.8	117.61	-70.7	135.2	152.6	147.0	5.61	27.225		
1,400.0	1,400.0	1,406.6	1,406.6	3.0	3.0	119.30	-73.0	130.2	149.4	143.3	6.03	24.763		
1,500.0	1,500.0	1,509.2	1,508.6	3.3	3.2	122.26	-76.8	121.8	144.2	137.8	6.47	22.291		
1,600.0	1,600.0	1,611.0	1,609.6	3.5	3.4	126.71	-82.1	110.1	137.7	130.8	6.92	19.888		
1,700.0	1,700.0	1,711.5	1,708.8	3.7	3.7	13.30	-88.8	95.5	129.0	121.6	7.38	17.482		
1,800.0	1,799.8	1,809.2	1,805.0	3.9	4.0	21.67	-95.9	79.8	118.4	110.5	7.85	15.089		
1,900.0	1,899.5	1,906.4	1,900.7	4.1	4.3	32.30	-103.0	64.3	107.8	99.5	8.34	12.929		
2,000.0	1,998.7	2,002.9	1,995.6	4.3	4.6	45.87	-110.0	48.9	99.3	90.5	8.85	11.219		
2,099.9	2,097.3	2,098.3	2,089.6	4.5	4.9	62.30	-117.0	33.6	95.7	86.4	9.35	10.240 CC		
2,100.0	2,097.5	2,098.5	2,089.7	4.5	4.9	62.32	-117.0	33.5	95.7	86.4	9.35	10.239 ES		
2,200.0	2,195.6	2,193.1	2,182.9	4.8	5.3	80.01	-123.9	18.4	100.2	90.4	9.80	10.230 SF		
2,300.0	2,293.1	2,286.8	2,275.1	5.1	5.6	96.26	-130.7	3.4	114.4	104.2	10.20	11.214		
2,370.8	2,361.6	2,352.4	2,339.7	5.4	5.8	105.91	-135.5	-7.1	129.9	119.4	10.48	12.396		
2,400.0	2,389.7	2,379.2	2,366.1	5.5	5.9	109.49	-137.4	-11.4	137.4	126.8	10.60	12.969		
2,500.0	2,486.1	2,471.4	2,456.9	5.9	6.3	119.29	-144.1	-26.1	166.5	155.4	11.02	15.106		
2,600.0	2,582.5	2,563.6	2,547.6	6.4	6.6	126.20	-150.8	-40.9	198.9	187.4	11.48	17.318		
2,700.0	2,678.9	2,655.8	2,638.3	6.8	7.0	131.20	-157.5	-55.6	233.2	221.3	11.98	19.474		
2,800.0	2,775.3	2,747.9	2,729.1	7.3	7.3	134.94	-164.3	-70.4	268.8	256.3	12.49	21.520		
2,900.0	2,871.7	2,840.1	2,819.8	7.8	7.7	137.81	-171.0	-85.1	305.1	292.1	13.02	23.436		
3,000.0	2,968.1	2,932.3	2,910.5	8.3	8.0	140.08	-177.7	-99.9	342.0	328.5	13.56	25.219		
3,100.0	3,064.5	3,024.4	3,001.3	8.8	8.4	141.91	-184.4	-114.6	379.3	365.2	14.11	26.875		
3,200.0	3,160.9	3,116.6	3,092.0	9.3	8.7	143.42	-191.1	-129.4	416.8	402.2	14.67	28.410		
3,300.0	3,257.3	3,208.8	3,182.8	9.8	9.1	144.67	-197.8	-144.1	454.6	439.3	15.24	29.835		
3,400.0	3,353.7	3,301.0	3,273.5	10.4	9.5	145.74	-204.5	-158.9	492.5	476.7	15.81	31.158		
3,500.0	3,450.1	3,393.1	3,364.2	10.9	9.8	146.66	-211.2	-173.6	530.5	514.1	16.38	32.387		
3,600.0	3,546.5	3,485.3	3,455.0	11.4	10.2	147.45	-217.9	-188.4	568.7	551.7	16.96	33.531		
3,700.0	3,642.9	3,577.5	3,545.7	12.0	10.6	148.14	-224.7	-203.1	606.9	589.3	17.54	34.598		
3,800.0	3,739.3	3,669.7	3,636.4	12.5	10.9	148.75	-231.4	-217.9	645.2	627.0	18.13	35.594		
3,900.0	3,835.7	3,761.8	3,727.2	13.1	11.3	149.30	-238.1	-232.6	683.5	664.8	18.71	36.525		
4,000.0	3,932.1	3,854.0	3,817.9	13.6	11.7	149.78	-244.8	-247.4	721.9	702.6	19.30	37.398		
4,100.0	4,028.5	3,946.2	3,908.7	14.2	12.0	150.22	-251.5	-262.1	760.3	740.4	19.90	38.216		
4,200.0	4,124.9	4,038.3	3,999.4	14.7	12.4	150.62	-258.2	-276.9	798.8	778.3	20.49	38.985		

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)													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	
0.0	0.0	0.0	0.0	0.0	0.0	59.32	45.9	77.4	90.0				
100.0	100.0	100.0	100.0	0.1	0.1	59.32	45.9	77.4	90.0	89.7	0.22	400.253	
200.0	200.0	200.0	200.0	0.3	0.3	59.32	45.9	77.4	90.0	89.3	0.67	133.418	
300.0	300.0	300.0	300.0	0.6	0.6	59.32	45.9	77.4	90.0	88.8	1.12	80.051	
400.0	400.0	400.0	400.0	0.8	0.8	59.32	45.9	77.4	90.0	88.4	1.57	57.179	
500.0	500.0	500.0	500.0	1.0	1.0	59.32	45.9	77.4	90.0	87.9	2.02	44.473	
600.0	600.0	600.0	600.0	1.2	1.2	59.32	45.9	77.4	90.0	87.5	2.47	36.387	
700.0	700.0	700.0	700.0	1.5	1.5	59.32	45.9	77.4	90.0	87.0	2.92	30.789	
800.0	800.0	800.0	800.0	1.7	1.7	59.32	45.9	77.4	90.0	86.6	3.37	26.684	
900.0	900.0	900.0	900.0	1.9	1.9	59.32	45.9	77.4	90.0	86.1	3.82	23.544	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	59.32	45.9	77.4	90.0	85.7	4.27	21.066	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	59.32	45.9	77.4	90.0	85.2	4.72	19.060	
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	59.32	45.9	77.4	90.0	84.8	5.17	17.402	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	59.32	45.9	77.4	90.0	84.3	5.62	16.010	
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	59.32	45.9	77.4	90.0	83.9	6.07	14.824	
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	59.32	45.9	77.4	90.0	83.4	6.52	13.802	
1,600.0	1,600.0	1,600.0	1,600.0	3.5	3.5	59.32	45.9	77.4	90.0	83.0	6.97	12.911	
1,700.0	1,700.0	1,700.0	1,700.0	3.7	3.7	-61.52	45.9	77.4	89.1	81.7	7.40	12.051	
1,800.0	1,799.8	1,799.8	1,799.8	3.9	3.9	-64.60	45.9	77.4	86.7	78.9	7.81	11.113	
1,900.0	1,899.5	1,899.5	1,899.5	4.1	4.2	-70.06	45.9	77.4	83.4	75.1	8.23	10.133	
2,000.0	1,998.7	1,998.7	1,998.7	4.3	4.4	-125.90	45.9	77.4	80.0	71.3	8.67	9.229	
2,100.0	2,097.5	2,097.5	2,097.5	4.5	4.6	-89.47	45.9	77.4	78.3	69.2	9.14	8.568	
2,104.2	2,101.6	2,101.6	2,101.6	4.6	4.6	-89.99	45.9	77.4	78.3	69.2	9.16	8.548 CC, ES	
2,200.0	2,195.6	2,195.6	2,195.6	4.8	4.8	-102.90	45.9	77.4	80.4	70.8	9.63	8.354 SF	
2,300.0	2,293.1	2,293.1	2,293.1	5.1	5.0	-116.83	45.9	77.4	88.3	78.2	10.09	8.752	
2,370.8	2,361.6	2,361.6	2,361.6	5.4	5.2	-125.90	45.9	77.4	97.9	87.6	10.39	9.428	
2,400.0	2,389.7	2,389.7	2,389.7	5.5	5.3	-129.33	45.9	77.4	102.8	92.3	10.51	9.780	
2,500.0	2,486.1	2,486.1	2,486.1	5.9	5.5	-138.91	45.9	77.4	121.7	110.8	10.92	11.144	
2,600.0	2,582.5	2,583.7	2,583.7	6.4	5.7	-146.39	45.1	76.5	142.7	131.4	11.30	12.627	
2,700.0	2,678.9	2,680.8	2,680.6	6.8	5.9	-153.02	42.0	73.2	164.9	153.3	11.65	14.154	
2,800.0	2,775.3	2,776.9	2,776.5	7.3	6.0	-159.01	36.7	67.7	188.5	176.5	11.99	15.712	
2,900.0	2,871.7	2,872.0	2,871.0	7.8	6.2	-164.48	29.3	59.9	213.6	201.2	12.35	17.297	
3,000.0	2,968.1	2,965.7	2,963.7	8.3	6.4	-169.50	19.8	50.0	240.5	227.8	12.72	18.904	
3,100.0	3,064.5	3,058.0	3,054.5	8.8	6.6	-174.11	8.5	38.2	269.5	256.4	13.13	20.519	
3,200.0	3,160.9	3,148.6	3,143.1	9.3	6.9	-178.35	-4.6	24.5	300.6	287.0	13.59	22.127	
3,300.0	3,257.3	3,239.6	3,231.5	9.8	7.1	177.78	-19.3	9.1	333.8	319.7	14.09	23.692	
3,400.0	3,353.7	3,331.5	3,320.9	10.4	7.4	174.52	-34.2	-6.6	368.3	353.7	14.63	25.172	
3,500.0	3,450.1	3,423.4	3,410.2	10.9	7.7	171.80	-49.2	-22.3	403.7	388.5	15.21	26.548	
3,600.0	3,546.5	3,515.3	3,499.5	11.4	8.0	169.51	-64.2	-38.0	439.7	423.9	15.80	27.826	
3,700.0	3,642.9	3,607.2	3,588.8	12.0	8.4	167.57	-79.2	-53.6	476.3	459.9	16.42	29.009	
3,800.0	3,739.3	3,699.1	3,678.1	12.5	8.7	165.89	-94.1	-69.3	513.4	496.3	17.05	30.103	
3,900.0	3,835.7	3,791.0	3,767.4	13.1	9.1	164.44	-109.1	-85.0	550.7	533.0	17.70	31.115	
4,000.0	3,932.1	3,882.9	3,856.7	13.6	9.4	163.17	-124.1	-100.7	588.3	570.0	18.36	32.052	
4,100.0	4,028.5	3,974.8	3,946.0	14.2	9.8	162.05	-139.0	-116.4	626.2	607.2	19.02	32.920	
4,200.0	4,124.9	4,066.7	4,035.3	14.7	10.2	161.06	-154.0	-132.0	664.2	644.5	19.69	33.726	
4,300.0	4,221.3	4,158.6	4,124.6	15.3	10.6	160.18	-169.0	-147.7	702.4	682.0	20.37	34.475	
4,400.0	4,317.7	4,250.5	4,213.9	15.8	11.0	159.38	-184.0	-163.4	740.7	719.7	21.06	35.172	
4,500.0	4,414.1	4,342.4	4,303.2	16.4	11.4	158.66	-198.9	-179.1	779.1	757.4	21.75	35.822	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)													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		
0.0	0.0	0.0	0.0	0.0	0.0	59.29	53.6	90.2	104.9					
100.0	100.0	100.0	100.0	0.1	0.1	59.29	53.6	90.2	104.9	104.7	0.22	466.596		
200.0	200.0	200.0	200.0	0.3	0.3	59.29	53.6	90.2	104.9	104.2	0.67	155.532 CC, ES		
300.0	300.0	298.1	298.1	0.6	0.6	58.51	55.2	90.2	105.8	104.6	1.12	94.431		
400.0	400.0	397.6	397.5	0.8	0.8	56.64	59.4	90.2	108.0	106.4	1.57	68.674		
500.0	500.0	497.5	497.3	1.0	1.0	54.81	63.6	90.2	110.4	108.3	2.03	54.447		
600.0	600.0	597.4	597.1	1.2	1.2	53.05	67.8	90.2	112.9	110.4	2.48	45.445		
700.0	700.0	697.3	696.9	1.5	1.5	51.37	72.1	90.2	115.5	112.5	2.94	39.258		
800.0	800.0	797.2	796.8	1.7	1.7	49.76	76.3	90.2	118.2	114.8	3.40	34.758		
900.0	900.0	897.1	896.6	1.9	2.0	48.23	80.5	90.2	120.9	117.1	3.86	31.345		
1,000.0	1,000.0	997.0	996.4	2.1	2.2	46.77	84.8	90.2	123.8	119.5	4.32	28.674		
1,100.0	1,100.0	1,097.0	1,096.2	2.4	2.4	45.37	89.0	90.2	126.8	122.0	4.78	26.531		
1,200.0	1,200.0	1,196.9	1,196.0	2.6	2.7	44.04	93.2	90.2	129.8	124.5	5.24	24.777		
1,300.0	1,300.0	1,296.8	1,295.9	2.8	2.9	42.77	97.5	90.2	132.8	127.1	5.70	23.317		
1,400.0	1,400.0	1,397.3	1,396.3	3.0	3.1	41.57	101.7	90.2	136.0	129.8	6.15	22.091		
1,500.0	1,500.0	1,501.0	1,500.0	3.3	3.3	41.05	103.6	90.2	137.3	130.7	6.56	20.927		
1,600.0	1,600.0	1,601.0	1,600.0	3.5	3.5	41.05	103.6	90.2	137.3	130.3	6.98	19.673		
1,700.0	1,700.0	1,701.0	1,700.0	3.7	3.7	-79.52	103.6	90.2	137.0	129.6	7.36	18.607		
1,800.0	1,799.8	1,800.9	1,799.8	3.9	3.9	-81.70	103.6	90.2	136.1	128.4	7.77	17.523		
1,900.0	1,899.5	1,900.5	1,899.5	4.1	4.1	-85.36	103.6	90.2	135.1	127.0	8.19	16.510		
1,991.3	1,990.1	1,991.1	1,990.1	4.3	4.3	-90.00	103.6	90.2	134.7	126.1	8.58	15.697		
2,000.0	1,998.7	1,999.7	1,998.7	4.3	4.4	-90.50	103.6	90.2	134.7	126.1	8.62	15.628		
2,100.0	2,097.5	2,098.5	2,097.5	4.5	4.6	-97.02	103.6	90.2	135.7	126.7	9.07	14.960		
2,200.0	2,195.6	2,196.6	2,195.6	4.8	4.8	-104.62	103.6	90.2	139.4	129.9	9.55	14.599 SF		
2,300.0	2,293.1	2,294.1	2,293.1	5.1	5.0	-112.82	103.6	90.2	146.8	136.8	10.03	14.635		
2,370.8	2,361.6	2,362.6	2,361.6	5.4	5.2	-118.67	103.6	90.2	154.9	144.5	10.37	14.934		
2,400.0	2,389.7	2,390.7	2,389.7	5.5	5.2	-121.06	103.6	90.2	158.8	148.3	10.51	15.111		
2,500.0	2,486.1	2,487.1	2,486.1	5.9	5.4	-128.40	103.6	90.2	174.4	163.4	10.99	15.873		
2,600.0	2,582.5	2,583.5	2,582.5	6.4	5.7	-134.50	103.6	90.2	192.4	180.9	11.45	16.802		
2,700.0	2,678.9	2,679.9	2,678.9	6.8	5.9	-139.55	103.6	90.2	212.1	200.2	11.90	17.824		
2,800.0	2,775.3	2,776.3	2,775.3	7.3	6.1	-143.74	103.6	90.2	233.3	220.9	12.35	18.888		
2,900.0	2,871.7	2,872.7	2,871.7	7.8	6.3	-147.23	103.6	90.2	255.5	242.7	12.80	19.960		
3,000.0	2,968.1	2,969.1	2,968.1	8.3	6.5	-150.17	103.6	90.2	278.4	265.2	13.25	21.018		
3,100.0	3,064.5	3,070.1	3,069.0	8.8	6.7	-152.90	102.7	89.9	301.4	287.8	13.66	22.068		
3,200.0	3,160.9	3,173.2	3,172.1	9.3	6.9	-155.80	98.5	88.5	323.1	309.1	14.04	23.008		
3,300.0	3,257.3	3,276.3	3,274.9	9.8	7.0	-158.84	90.8	85.9	343.5	329.1	14.41	23.838		
3,400.0	3,353.7	3,379.1	3,377.0	10.4	7.2	-162.02	79.7	82.1	363.0	348.2	14.77	24.578		
3,500.0	3,450.1	3,481.3	3,478.0	10.9	7.4	-165.34	65.2	77.1	381.8	366.7	15.13	25.239		
3,600.0	3,546.5	3,582.7	3,577.6	11.4	7.6	-168.78	47.4	71.1	400.4	384.9	15.50	25.831		
3,700.0	3,642.9	3,680.9	3,673.5	12.0	7.8	-172.22	27.3	64.3	419.1	403.2	15.90	26.356		
3,800.0	3,739.3	3,776.0	3,766.2	12.5	8.0	-175.33	7.3	57.5	439.0	422.7	16.35	26.857		
3,900.0	3,835.7	3,871.1	3,859.0	13.1	8.3	-178.18	-12.7	50.7	460.1	443.3	16.83	27.332		
4,000.0	3,932.1	3,966.3	3,951.8	13.6	8.5	-179.21	-32.7	43.9	482.3	464.9	17.37	27.772		
4,100.0	4,028.5	4,061.4	4,044.5	14.2	8.8	-176.83	-52.7	37.1	505.3	487.4	17.93	28.178		
4,200.0	4,124.9	4,156.5	4,137.3	14.7	9.1	-174.65	-72.7	30.4	529.2	510.6	18.54	28.544		
4,300.0	4,221.3	4,251.7	4,230.0	15.3	9.4	-172.65	-92.6	23.6	553.7	534.5	19.18	28.876		
4,400.0	4,317.7	4,346.8	4,322.8	15.8	9.7	-170.82	-112.6	16.8	578.9	559.0	19.84	29.176		
4,500.0	4,414.1	4,441.9	4,415.6	16.4	10.1	-169.13	-132.6	10.0	604.5	584.0	20.53	29.448		
4,600.0	4,510.5	4,537.1	4,508.3	17.0	10.4	-167.59	-152.6	3.2	630.7	609.4	21.24	29.694		
4,700.0	4,606.9	4,632.2	4,601.1	17.5	10.7	-166.16	-172.6	-3.6	657.2	635.2	21.97	29.919		
4,800.0	4,703.3	4,727.3	4,693.8	18.1	11.1	-164.84	-192.6	-10.4	684.1	661.4	22.71	30.124		
4,900.0	4,799.7	4,822.5	4,786.6	18.6	11.5	-163.62	-212.6	-17.2	711.3	687.8	23.47	30.312		

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference	Offset	Semi Major Axis		Distance									
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	Warning
5,000.0	4,896.1	4,917.6	4,879.4	19.2	11.8	162.49	-232.6	-23.9	738.8	714.6	24.23	30.486	
5,100.0	4,992.5	5,012.7	4,972.1	19.8	12.2	161.43	-252.6	-30.7	766.6	741.5	25.01	30.646	
5,200.0	5,088.9	5,107.9	5,064.9	20.3	12.6	160.45	-272.6	-37.5	794.5	768.7	25.80	30.795	



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)													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		
0.0	0.0	0.0	0.0	0.0	0.0	59.34	61.2	103.3	120.0					
100.0	100.0	99.0	99.0	0.1	0.1	59.34	61.2	103.3	120.0	119.8	0.22	536.683		
200.0	200.0	199.0	199.0	0.3	0.3	59.34	61.2	103.3	120.0	119.4	0.67	178.597		
300.0	300.0	299.0	299.0	0.6	0.6	59.34	61.2	103.3	120.0	118.9	1.12	107.015		
400.0	400.0	399.0	399.0	0.8	0.8	59.34	61.2	103.3	120.0	118.5	1.57	76.395		
500.0	500.0	499.0	499.0	1.0	1.0	59.34	61.2	103.3	120.0	118.0	2.02	59.400		
600.0	600.0	599.0	599.0	1.2	1.2	59.34	61.2	103.3	120.0	117.6	2.47	48.590		
700.0	700.0	699.0	699.0	1.5	1.5	59.34	61.2	103.3	120.0	117.1	2.92	41.109		
800.0	800.0	799.0	799.0	1.7	1.7	59.34	61.2	103.3	120.0	116.7	3.37	35.624		
900.0	900.0	899.0	899.0	1.9	1.9	59.34	61.2	103.3	120.0	116.2	3.82	31.431		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	59.34	61.2	103.3	120.0	115.8	4.27	28.120		
1,100.0	1,100.0	1,099.0	1,099.0	2.4	2.4	59.34	61.2	103.3	120.0	115.3	4.72	25.441		
1,200.0	1,200.0	1,199.0	1,199.0	2.6	2.6	59.34	61.2	103.3	120.0	114.9	5.17	23.228		
1,300.0	1,300.0	1,299.0	1,299.0	2.8	2.8	59.34	61.2	103.3	120.0	114.4	5.62	21.369		
1,400.0	1,400.0	1,399.0	1,399.0	3.0	3.0	59.34	61.2	103.3	120.0	114.0	6.07	19.785		
1,500.0	1,500.0	1,499.0	1,499.0	3.3	3.3	59.34	61.2	103.3	120.0	113.5	6.52	18.420		
1,600.0	1,600.0	1,599.0	1,599.0	3.5	3.5	59.34	61.2	103.3	120.0	113.1	6.97	17.232		
1,700.0	1,700.0	1,699.0	1,699.0	3.7	3.7	-61.24	61.2	103.3	119.2	111.8	7.39	16.120		
1,800.0	1,799.8	1,798.8	1,798.8	3.9	3.9	-63.54	61.2	103.3	116.7	108.9	7.80	14.962		
1,900.0	1,899.5	1,898.5	1,898.5	4.1	4.2	-67.55	61.2	103.3	113.1	104.9	8.22	13.756		
2,000.0	1,998.7	1,997.7	1,997.7	4.3	4.4	-73.51	61.2	103.3	109.0	100.4	8.66	12.585		
2,100.0	2,097.5	2,096.5	2,096.5	4.5	4.6	-81.64	61.2	103.3	105.6	96.5	9.13	11.563		
2,182.9	2,178.9	2,177.9	2,177.9	4.8	4.8	-90.00	61.2	103.3	104.5	94.9	9.55	10.936 CC		
2,200.0	2,195.6	2,194.6	2,194.6	4.8	4.8	-91.88	61.2	103.3	104.5	94.9	9.64	10.845 ES		
2,300.0	2,293.1	2,292.1	2,292.1	5.1	5.0	-103.57	61.2	103.3	107.7	97.5	10.16	10.599 SF		
2,370.8	2,361.6	2,360.6	2,360.6	5.4	5.2	-112.09	61.2	103.3	113.3	102.8	10.51	10.784		
2,400.0	2,389.7	2,388.7	2,388.7	5.5	5.3	-115.52	61.2	103.3	116.6	105.9	10.65	10.943		
2,500.0	2,486.1	2,485.1	2,485.1	5.9	5.5	-125.86	61.2	103.3	130.6	119.4	11.11	11.748		
2,600.0	2,582.5	2,581.5	2,581.5	6.4	5.7	-134.07	61.2	103.3	148.0	136.5	11.55	12.818		
2,700.0	2,678.9	2,677.9	2,677.9	6.8	5.9	-140.51	61.2	103.3	167.9	156.0	11.97	14.025		
2,800.0	2,775.3	2,778.7	2,778.7	7.3	6.1	-145.94	60.1	103.2	188.6	176.2	12.37	15.243		
2,900.0	2,871.7	2,881.5	2,881.3	7.8	6.3	-150.91	55.5	102.8	207.8	195.0	12.73	16.318		
3,000.0	2,968.1	2,984.6	2,984.1	8.3	6.5	-155.62	47.1	102.2	225.4	212.3	13.08	17.235		
3,100.0	3,064.5	3,087.9	3,086.7	8.8	6.7	-160.22	35.1	101.2	241.7	228.2	13.42	18.005		
3,200.0	3,160.9	3,191.0	3,188.6	9.3	6.9	-164.81	19.4	100.0	256.8	243.1	13.78	18.644		
3,300.0	3,257.3	3,289.6	3,285.6	9.8	7.1	-169.13	1.8	98.6	271.8	257.6	14.15	19.202		
3,400.0	3,353.7	3,386.5	3,380.9	10.4	7.3	-172.96	-15.7	97.3	288.0	273.4	14.57	19.764		
3,500.0	3,450.1	3,483.3	3,476.2	10.9	7.5	-176.37	-33.1	95.9	305.4	290.3	15.03	20.317		
3,600.0	3,546.5	3,580.2	3,571.4	11.4	7.8	-179.42	-50.5	94.6	323.7	308.2	15.53	20.844		
3,700.0	3,642.9	3,677.1	3,666.7	12.0	8.1	177.86	-68.0	93.2	342.9	326.8	16.07	21.339		
3,800.0	3,739.3	3,774.0	3,762.0	12.5	8.3	175.42	-85.4	91.9	362.7	346.1	16.64	21.799		
3,900.0	3,835.7	3,870.8	3,857.3	13.1	8.6	173.23	-102.9	90.5	383.1	365.9	17.24	22.223		
4,000.0	3,932.1	3,967.7	3,952.6	13.6	8.9	171.27	-120.3	89.2	404.0	386.2	17.87	22.613		
4,100.0	4,028.5	4,064.6	4,047.9	14.2	9.2	169.49	-137.7	87.8	425.4	406.8	18.52	22.971		
4,200.0	4,124.9	4,161.5	4,143.2	14.7	9.5	167.88	-155.2	86.5	447.0	427.9	19.19	23.299		
4,300.0	4,221.3	4,258.3	4,238.4	15.3	9.8	166.43	-172.6	85.1	469.0	449.2	19.87	23.600		
4,400.0	4,317.7	4,355.2	4,333.7	15.8	10.2	165.10	-190.0	83.8	491.3	470.7	20.58	23.877		
4,500.0	4,414.1	4,452.1	4,429.0	16.4	10.5	163.88	-207.5	82.4	513.8	492.5	21.29	24.132		
4,600.0	4,510.5	4,549.0	4,524.3	17.0	10.8	162.77	-224.9	81.0	536.5	514.5	22.02	24.367		
4,700.0	4,606.9	4,645.9	4,619.6	17.5	11.2	161.75	-242.3	79.7	559.4	536.6	22.75	24.585		
4,800.0	4,703.3	4,742.7	4,714.9	18.1	11.5	160.80	-259.8	78.3	582.4	558.9	23.50	24.787		
4,900.0	4,799.7	4,839.6	4,810.2	18.6	11.9	159.93	-277.2	77.0	605.6	581.3	24.25	24.974		

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference	Offset	Semi Major Axis		Distance									
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	Warning
5,000.0	4,896.1	4,936.5	4,905.4	19.2	12.2	159.12	-294.6	75.6	628.9	603.9	25.00	25.149	
5,100.0	4,992.5	5,033.4	5,000.7	19.8	12.6	158.37	-312.1	74.3	652.3	626.5	25.77	25.312	
5,200.0	5,088.9	5,130.2	5,096.0	20.3	12.9	157.67	-329.5	72.9	675.8	649.2	26.54	25.465	
5,300.0	5,185.3	5,227.1	5,191.3	20.9	13.3	157.02	-346.9	71.6	699.4	672.1	27.31	25.608	
5,400.0	5,281.7	5,324.0	5,286.6	21.5	13.6	156.41	-364.4	70.2	723.0	694.9	28.09	25.742	
5,500.0	5,378.1	5,420.9	5,381.9	22.0	14.0	155.84	-381.8	68.9	746.8	717.9	28.87	25.868	
5,600.0	5,474.5	5,517.7	5,477.2	22.6	14.4	155.30	-399.2	67.5	770.6	740.9	29.65	25.988	
5,700.0	5,570.9	5,614.6	5,572.4	23.2	14.7	154.80	-416.7	66.2	794.5	764.0	30.44	26.100	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	-120.68	-22.9	-38.7	45.0					
100.0	100.0	100.0	100.0	0.1	0.1	-120.68	-22.9	-38.7	45.0	44.8	0.22	200.113		
200.0	200.0	200.0	200.0	0.3	0.3	-120.68	-22.9	-38.7	45.0	44.3	0.67	66.704		
300.0	300.0	300.0	300.0	0.6	0.6	-120.68	-22.9	-38.7	45.0	43.9	1.12	40.023		
400.0	400.0	400.0	400.0	0.8	0.8	-120.68	-22.9	-38.7	45.0	43.4	1.57	28.588		
500.0	500.0	500.0	500.0	1.0	1.0	-120.68	-22.9	-38.7	45.0	43.0	2.02	22.235		
600.0	600.0	600.0	600.0	1.2	1.2	-120.68	-22.9	-38.7	45.0	42.5	2.47	18.192		
700.0	700.0	700.0	700.0	1.5	1.5	-120.68	-22.9	-38.7	45.0	42.1	2.92	15.393		
800.0	800.0	800.0	800.0	1.7	1.7	-120.68	-22.9	-38.7	45.0	41.6	3.37	13.341		
900.0	900.0	900.0	900.0	1.9	1.9	-120.68	-22.9	-38.7	45.0	41.2	3.82	11.771		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-120.68	-22.9	-38.7	45.0	40.7	4.27	10.532		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-120.68	-22.9	-38.7	45.0	40.3	4.72	9.529		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-120.68	-22.9	-38.7	45.0	39.8	5.17	8.701		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	-120.68	-22.9	-38.7	45.0	39.4	5.62	8.005		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	-120.68	-22.9	-38.7	45.0	38.9	6.07	7.412		
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	-120.68	-22.9	-38.7	45.0	38.5	6.52	6.900		
1,600.0	1,600.0	1,600.0	1,600.0	3.5	3.5	-120.68	-22.9	-38.7	45.0	38.0	6.97	6.455 CC, ES		
1,700.0	1,700.0	1,700.0	1,700.0	3.7	3.7	121.36	-22.9	-38.7	45.9	38.5	7.40	6.202 SF		
1,800.0	1,799.8	1,799.8	1,799.8	3.9	3.9	126.57	-22.9	-38.7	48.8	41.0	7.80	6.254		
1,900.0	1,899.5	1,899.5	1,899.5	4.1	4.2	133.86	-22.9	-38.7	54.4	46.2	8.21	6.632		
2,000.0	1,998.7	1,998.7	1,998.7	4.3	4.4	141.67	-22.9	-38.7	63.5	54.9	8.61	7.377		
2,100.0	2,097.5	2,097.5	2,097.5	4.5	4.6	148.80	-22.9	-38.7	76.4	67.4	9.00	8.491		
2,200.0	2,195.6	2,195.6	2,195.6	4.8	4.8	154.71	-22.9	-38.7	93.3	84.0	9.39	9.944		
2,300.0	2,293.1	2,293.1	2,293.1	5.1	5.0	159.38	-22.9	-38.7	114.2	104.4	9.76	11.695		
2,370.8	2,361.6	2,361.6	2,361.6	5.4	5.2	162.03	-22.9	-38.7	131.2	121.2	10.02	13.092		
2,400.0	2,389.7	2,389.7	2,389.7	5.5	5.3	163.01	-22.9	-38.7	138.6	128.5	10.15	13.662		
2,500.0	2,486.1	2,486.1	2,486.1	5.9	5.5	165.72	-22.9	-38.7	164.3	153.7	10.58	15.528		
2,600.0	2,582.5	2,586.7	2,586.7	6.4	5.7	167.49	-24.1	-38.0	189.3	178.3	11.01	17.197		
2,700.0	2,678.9	2,689.3	2,689.2	6.8	5.9	168.19	-28.4	-35.6	211.9	200.5	11.42	18.549		
2,800.0	2,775.3	2,793.3	2,792.7	7.3	6.0	168.12	-36.0	-31.4	231.9	220.1	11.86	19.559		
2,900.0	2,871.7	2,898.2	2,896.9	7.8	6.2	167.47	-47.1	-25.2	249.3	237.0	12.31	20.244		
3,000.0	2,968.1	3,002.1	2,999.6	8.3	6.5	166.35	-61.2	-17.4	264.2	251.4	12.80	20.639		
3,100.0	3,064.5	3,101.0	3,097.0	8.8	6.7	165.24	-75.6	-9.4	278.4	265.1	13.30	20.927		
3,200.0	3,160.9	3,199.8	3,194.5	9.3	6.9	164.24	-89.9	-1.4	292.7	278.9	13.83	21.170		
3,300.0	3,257.3	3,298.7	3,292.0	9.8	7.2	163.34	-104.3	6.6	307.1	292.7	14.37	21.373		
3,400.0	3,353.7	3,397.5	3,389.5	10.4	7.4	162.51	-118.6	14.6	321.6	306.6	14.93	21.540		
3,500.0	3,450.1	3,496.4	3,486.9	10.9	7.7	161.76	-133.0	22.7	336.1	320.6	15.50	21.677		
3,600.0	3,546.5	3,595.2	3,584.4	11.4	8.0	161.07	-147.4	30.7	350.6	334.6	16.09	21.788		
3,700.0	3,642.9	3,694.1	3,681.9	12.0	8.3	160.43	-161.7	38.7	365.3	348.6	16.70	21.876		
3,800.0	3,739.3	3,792.9	3,779.3	12.5	8.6	159.84	-176.1	46.7	379.9	362.6	17.31	21.944		
3,900.0	3,835.7	3,891.8	3,876.8	13.1	8.9	159.30	-190.4	54.7	394.6	376.7	17.94	21.996		
4,000.0	3,932.1	3,990.6	3,974.3	13.6	9.2	158.79	-204.8	62.7	409.3	390.8	18.58	22.034		
4,100.0	4,028.5	4,089.5	4,071.8	14.2	9.5	158.32	-219.2	70.7	424.1	404.9	19.22	22.061		
4,200.0	4,124.9	4,188.3	4,169.2	14.7	9.9	157.89	-233.5	78.7	438.9	419.0	19.88	22.077		
4,300.0	4,221.3	4,287.1	4,266.7	15.3	10.2	157.48	-247.9	86.7	453.7	433.1	20.54	22.085		
4,400.0	4,317.7	4,386.0	4,364.2	15.8	10.5	157.09	-262.2	94.7	468.5	447.3	21.21	22.085		
4,500.0	4,414.1	4,484.8	4,461.6	16.4	10.9	156.73	-276.6	102.7	483.3	461.5	21.89	22.080		
4,600.0	4,510.5	4,583.7	4,559.1	17.0	11.2	156.39	-291.0	110.7	498.2	475.6	22.57	22.070		
4,700.0	4,606.9	4,682.5	4,656.6	17.5	11.6	156.07	-305.3	118.7	513.1	489.8	23.26	22.056		
4,800.0	4,703.3	4,781.4	4,754.1	18.1	11.9	155.77	-319.7	126.7	528.0	504.0	23.96	22.039		
4,900.0	4,799.7	4,880.2	4,851.5	18.6	12.3	155.49	-334.0	134.7	542.9	518.2	24.66	22.018		
5,000.0	4,896.1	4,979.1	4,949.0	19.2	12.6	155.22	-348.4	142.7	557.8	532.4	25.36	21.996		

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
5,100.0	4,992.5	5,077.9	5,046.5	19.8	13.0	154.96	-362.8	150.7	572.7	546.7	26.07	21.972	
5,200.0	5,088.9	5,176.8	5,143.9	20.3	13.3	154.72	-377.1	158.7	587.7	560.9	26.78	21.946	
5,300.0	5,185.3	5,275.6	5,241.4	20.9	13.7	154.49	-391.5	166.7	602.6	575.1	27.49	21.919	
5,400.0	5,281.7	5,374.5	5,338.9	21.5	14.0	154.27	-405.8	174.7	617.6	589.4	28.21	21.892	
5,500.0	5,378.1	5,473.3	5,436.4	22.0	14.4	154.06	-420.2	182.7	632.5	603.6	28.93	21.863	
5,600.0	5,474.5	5,572.2	5,533.8	22.6	14.8	153.86	-434.5	190.7	647.5	617.9	29.66	21.835	
5,700.0	5,570.9	5,671.0	5,631.3	23.2	15.1	153.67	-448.9	198.7	662.5	632.1	30.38	21.806	
5,800.0	5,667.3	5,769.3	5,728.2	23.7	15.5	153.49	-463.2	206.7	677.5	646.4	31.11	21.779	
5,900.0	5,763.7	5,856.6	5,814.5	24.3	15.7	153.44	-474.6	213.0	693.4	661.7	31.72	21.861	
6,000.0	5,860.1	5,943.4	5,900.7	24.9	16.0	153.58	-483.7	218.1	710.9	678.7	32.27	22.033	
6,100.0	5,956.5	6,029.6	5,986.5	25.4	16.2	153.88	-490.4	221.8	730.1	697.3	32.76	22.286	
6,200.0	6,052.9	6,114.9	6,071.7	26.0	16.3	154.33	-494.8	224.3	750.9	717.7	33.20	22.619	
6,300.0	6,149.4	6,200.0	6,156.8	26.6	16.5	154.91	-497.1	225.6	773.5	739.9	33.59	23.028	
6,400.0	6,245.8	6,289.0	6,245.8	27.1	16.7	155.64	-497.3	225.7	797.5	763.6	33.94	23.501	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<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		
0.0	0.0	0.0	0.0	0.0	0.0	-120.58	-15.3	-25.9	30.1					
100.0	100.0	100.0	100.0	0.1	0.1	-120.58	-15.3	-25.9	30.1	29.8	0.22	133.761		
200.0	200.0	200.0	200.0	0.3	0.3	-120.58	-15.3	-25.9	30.1	29.4	0.67	44.587		
300.0	300.0	300.0	300.0	0.6	0.6	-120.58	-15.3	-25.9	30.1	28.9	1.12	26.752		
400.0	400.0	400.0	400.0	0.8	0.8	-120.58	-15.3	-25.9	30.1	28.5	1.57	19.109		
500.0	500.0	500.0	500.0	1.0	1.0	-120.58	-15.3	-25.9	30.1	28.0	2.02	14.862		
600.0	600.0	600.0	600.0	1.2	1.2	-120.58	-15.3	-25.9	30.1	27.6	2.47	12.160		
700.0	700.0	700.0	700.0	1.5	1.5	-120.58	-15.3	-25.9	30.1	27.1	2.92	10.289		
800.0	800.0	800.0	800.0	1.7	1.7	-120.58	-15.3	-25.9	30.1	26.7	3.37	8.917		
900.0	900.0	900.0	900.0	1.9	1.9	-120.58	-15.3	-25.9	30.1	26.2	3.82	7.868		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-120.58	-15.3	-25.9	30.1	25.8	4.27	7.040		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-120.58	-15.3	-25.9	30.1	25.3	4.72	6.370		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-120.58	-15.3	-25.9	30.1	24.9	5.17	5.816		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	-120.58	-15.3	-25.9	30.1	24.4	5.62	5.350		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	-120.58	-15.3	-25.9	30.1	24.0	6.07	4.954		
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	-120.58	-15.3	-25.9	30.1	23.5	6.52	4.612		
1,600.0	1,600.0	1,600.0	1,600.0	3.5	3.5	-120.58	-15.3	-25.9	30.1	23.1	6.97	4.315 CC, ES		
1,700.0	1,700.0	1,700.0	1,700.0	3.7	3.7	122.37	-15.3	-25.9	31.0	23.6	7.40	4.187		
1,800.0	1,799.8	1,799.8	1,799.8	3.9	3.9	129.77	-15.3	-25.9	34.1	26.3	7.80	4.365		
1,900.0	1,899.5	1,899.5	1,899.5	4.1	4.2	139.27	-15.3	-25.9	40.2	32.0	8.20	4.900		
2,000.0	1,998.7	1,998.7	1,998.7	4.3	4.4	148.28	-15.3	-25.9	50.1	41.5	8.60	5.824		
2,100.0	2,097.5	2,099.1	2,099.1	4.5	4.6	154.62	-16.5	-24.7	62.7	53.7	8.97	6.990		
2,200.0	2,195.6	2,200.0	2,199.8	4.8	4.8	158.15	-20.3	-21.0	76.2	66.9	9.31	8.191		
2,300.0	2,293.1	2,301.3	2,300.7	5.1	5.0	160.02	-26.7	-14.9	90.4	80.8	9.65	9.364		
2,370.8	2,361.6	2,373.3	2,372.3	5.4	5.1	160.70	-32.8	-9.0	100.7	90.8	9.91	10.165		
2,400.0	2,389.7	2,403.1	2,401.7	5.5	5.2	160.87	-35.7	-6.2	104.9	94.9	10.04	10.454		
2,500.0	2,486.1	2,505.3	2,502.7	5.9	5.4	160.69	-47.3	5.0	117.3	106.9	10.49	11.187		
2,600.0	2,582.5	2,604.7	2,600.6	6.4	5.6	160.15	-59.7	16.9	128.5	117.5	10.97	11.717		
2,700.0	2,678.9	2,704.1	2,698.4	6.8	5.9	159.69	-72.1	28.9	139.7	128.2	11.47	12.180		
2,800.0	2,775.3	2,803.4	2,796.3	7.3	6.2	159.30	-84.5	40.8	150.9	138.9	11.99	12.585		
2,900.0	2,871.7	2,902.8	2,894.2	7.8	6.5	158.96	-96.9	52.8	162.0	149.5	12.52	12.941		
3,000.0	2,968.1	3,002.2	2,992.0	8.3	6.8	158.67	-109.4	64.8	173.2	160.2	13.07	13.252		
3,100.0	3,064.5	3,101.5	3,089.9	8.8	7.1	158.41	-121.8	76.7	184.4	170.8	13.63	13.526		
3,200.0	3,160.9	3,200.9	3,187.8	9.3	7.4	158.18	-134.2	88.7	195.6	181.4	14.21	13.768		
3,300.0	3,257.3	3,300.3	3,285.6	9.8	7.8	157.98	-146.6	100.7	206.8	192.0	14.79	13.981		
3,400.0	3,353.7	3,399.7	3,383.5	10.4	8.1	157.79	-159.0	112.6	218.0	202.6	15.39	14.169		
3,500.0	3,450.1	3,499.0	3,481.3	10.9	8.4	157.63	-171.4	124.6	229.2	213.2	15.99	14.337		
3,600.0	3,546.5	3,598.4	3,579.2	11.4	8.8	157.48	-183.8	136.5	240.4	223.8	16.60	14.485		
3,700.0	3,642.9	3,697.8	3,677.1	12.0	9.2	157.34	-196.2	148.5	251.6	234.4	17.21	14.618		
3,800.0	3,739.3	3,797.1	3,774.9	12.5	9.5	157.22	-208.7	160.5	262.9	245.0	17.84	14.737		
3,900.0	3,835.7	3,896.5	3,872.8	13.1	9.9	157.11	-221.1	172.4	274.1	255.6	18.46	14.843		
4,000.0	3,932.1	3,995.9	3,970.6	13.6	10.2	157.00	-233.5	184.4	285.3	266.2	19.10	14.939		
4,100.0	4,028.5	4,095.2	4,068.5	14.2	10.6	156.90	-245.9	196.4	296.5	276.8	19.73	15.025		
4,200.0	4,124.9	4,194.6	4,166.4	14.7	11.0	156.81	-258.3	208.3	307.7	287.3	20.37	15.103		
4,300.0	4,221.3	4,294.0	4,264.2	15.3	11.3	156.73	-270.7	220.3	318.9	297.9	21.02	15.174		
4,400.0	4,317.7	4,393.3	4,362.1	15.8	11.7	156.65	-283.1	232.2	330.1	308.5	21.66	15.238		
4,500.0	4,414.1	4,492.7	4,460.0	16.4	12.1	156.58	-295.5	244.2	341.3	319.0	22.31	15.296		
4,600.0	4,510.5	4,592.1	4,557.8	17.0	12.5	156.51	-307.9	256.2	352.6	329.6	22.97	15.350		
4,700.0	4,606.9	4,691.4	4,655.7	17.5	12.9	156.45	-320.4	268.1	363.8	340.1	23.62	15.398		
4,800.0	4,703.3	4,790.8	4,753.5	18.1	13.2	156.39	-332.8	280.1	375.0	350.7	24.28	15.443		
4,900.0	4,799.7	4,890.2	4,851.4	18.6	13.6	156.33	-345.2	292.0	386.2	361.3	24.94	15.483		
5,000.0	4,896.1	4,989.5	4,949.3	19.2	14.0	156.27	-357.6	304.0	397.4	371.8	25.61	15.521		

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<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 (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	Warning
5,100.0	4,992.5	5,088.9	5,047.1	19.8	14.4	156.22	-370.0	316.0	408.6	382.4	26.27	15.555	
5,200.0	5,088.9	5,188.3	5,145.0	20.3	14.8	156.18	-382.4	327.9	419.9	392.9	26.94	15.587	
5,300.0	5,185.3	5,287.6	5,242.9	20.9	15.2	156.13	-394.8	339.9	431.1	403.5	27.60	15.616	
5,400.0	5,281.7	5,387.0	5,340.7	21.5	15.6	156.09	-407.2	351.9	442.3	414.0	28.27	15.644	
5,500.0	5,378.1	5,486.4	5,438.6	22.0	15.9	156.05	-419.6	363.8	453.5	424.6	28.94	15.669	
5,600.0	5,474.5	5,585.8	5,536.4	22.6	16.3	156.01	-432.1	375.8	464.7	435.1	29.62	15.692	
5,700.0	5,570.9	5,685.1	5,634.3	23.2	16.7	155.97	-444.5	387.7	475.9	445.7	30.29	15.714	
5,800.0	5,667.3	5,784.5	5,732.2	23.7	17.1	155.93	-456.9	399.7	487.2	456.2	30.96	15.734	
5,900.0	5,763.7	5,883.9	5,830.0	24.3	17.5	155.90	-469.3	411.7	498.4	466.7	31.64	15.752	
6,000.0	5,860.1	5,983.2	5,927.9	24.9	17.9	155.87	-481.7	423.6	509.6	477.3	32.31	15.770	
6,100.0	5,956.5	6,082.6	6,025.7	25.4	18.3	155.84	-494.1	435.6	520.8	487.8	32.99	15.786	
6,200.0	6,052.9	6,182.0	6,123.6	26.0	18.7	155.81	-506.5	447.6	532.0	498.4	33.67	15.801	
6,300.0	6,149.4	6,277.2	6,217.6	26.6	19.0	155.98	-516.5	459.0	543.5	509.2	34.24	15.870	
6,400.0	6,245.8	6,367.4	6,307.1	27.1	19.2	157.22	-515.5	469.9	556.3	521.9	34.42	16.159	
6,411.5	6,256.8	6,377.5	6,317.1	27.2	19.2	157.43	-514.7	471.1	557.9	523.4	34.42	16.207	
6,450.0	6,294.1	6,411.2	6,350.3	27.4	19.3	169.25	-511.0	475.1	563.3	529.0	34.30	16.422	
6,500.0	6,342.6	6,454.5	6,392.7	27.6	19.3	-173.27	-503.9	480.2	570.5	536.4	34.13	16.713	
6,550.0	6,391.2	6,500.0	6,436.7	27.8	19.4	-155.43	-493.6	485.5	577.8	543.8	33.96	17.013	
6,600.0	6,439.7	6,539.7	6,474.5	27.9	19.4	-139.85	-482.4	490.1	585.1	551.2	33.81	17.302	
6,650.0	6,487.6	6,581.7	6,513.8	28.1	19.4	-127.41	-468.2	494.8	592.3	558.6	33.67	17.590	
6,700.0	6,534.9	6,623.4	6,551.9	28.2	19.3	-117.89	-451.9	499.3	599.4	565.9	33.54	17.870	
6,750.0	6,581.3	6,664.9	6,588.7	28.3	19.3	-110.61	-433.5	503.7	606.4	573.0	33.43	18.140	
6,800.0	6,626.5	6,706.0	6,624.2	28.3	19.3	-104.96	-413.1	507.9	613.2	579.9	33.33	18.396	
6,850.0	6,670.5	6,750.0	6,660.8	28.4	19.2	-100.46	-389.1	512.2	619.8	586.5	33.25	18.642	
6,900.0	6,712.8	6,787.6	6,690.9	28.4	19.2	-96.88	-366.8	515.7	626.0	592.9	33.19	18.863	
6,950.0	6,753.4	6,828.1	6,722.0	28.4	19.1	-93.93	-341.0	519.4	632.0	598.8	33.14	19.067	
7,000.0	6,792.0	6,868.5	6,751.5	28.4	19.0	-91.50	-313.7	522.8	637.5	604.4	33.12	19.249	
7,050.0	6,828.4	6,908.8	6,779.3	28.3	19.0	-89.48	-284.7	526.0	642.7	609.6	33.12	19.407	
7,100.0	6,862.5	6,950.0	6,806.0	28.3	18.9	-87.79	-253.5	529.1	647.5	614.3	33.14	19.535	
7,150.0	6,894.1	6,989.0	6,829.7	28.3	18.8	-86.40	-222.6	531.8	651.7	618.5	33.20	19.628	
7,200.0	6,923.1	7,029.1	6,852.2	28.2	18.7	-85.26	-189.6	534.3	655.6	622.3	33.30	19.684	
7,250.0	6,949.3	7,069.1	6,872.8	28.1	18.6	-84.33	-155.4	536.7	658.9	625.4	33.44	19.701	
7,300.0	6,972.5	7,109.1	6,891.5	28.1	18.5	-83.60	-120.1	538.7	661.7	628.1	33.63	19.675	
7,350.0	6,992.7	7,150.0	6,908.5	28.0	18.5	-83.05	-82.9	540.6	664.0	630.1	33.87	19.602	
7,400.0	7,009.8	7,189.1	6,922.9	27.9	18.4	-82.67	-46.6	542.1	665.8	631.6	34.17	19.482	
7,450.0	7,023.7	7,229.2	6,935.5	27.9	18.3	-82.44	-8.5	543.5	667.0	632.5	34.53	19.314	
7,500.0	7,034.2	7,269.4	6,946.0	27.8	18.2	-82.37	30.2	544.5	667.7	632.7	34.95	19.102	
7,550.0	7,041.5	7,309.7	6,954.3	27.8	18.1	-82.44	69.7	545.3	667.9	632.4	35.43	18.850	
7,600.0	7,045.3	7,350.0	6,960.4	27.7	18.1	-82.65	109.5	545.9	667.5	631.6	35.96	18.560	
7,636.5	7,046.0	7,379.7	6,963.5	27.7	18.1	-82.90	139.0	546.1	666.9	630.5	36.40	18.323	
7,700.0	7,045.6	7,431.5	6,966.0	27.7	18.2	-83.13	190.8	546.1	666.2	629.1	37.12	17.950	
7,713.3	7,045.5	7,443.5	6,966.0	27.7	18.3	-83.14	202.7	546.0	666.2	629.0	37.29	17.869	
7,800.0	7,045.0	7,528.9	6,965.6	27.7	19.1	-83.15	288.1	545.5	666.4	627.9	38.51	17.305	
7,900.0	7,044.4	7,628.9	6,965.1	27.9	20.1	-83.17	388.1	544.9	666.6	626.4	40.21	16.580	
8,000.0	7,043.8	7,728.9	6,964.6	28.3	21.2	-83.18	488.1	544.3	666.8	624.6	42.18	15.808	
8,100.0	7,043.2	7,828.9	6,964.1	28.8	22.5	-83.19	588.1	543.7	667.0	622.6	44.40	15.022	
8,200.0	7,042.6	7,928.9	6,963.6	29.6	23.8	-83.21	688.1	543.1	667.2	620.4	46.83	14.248	
8,300.0	7,041.9	8,028.9	6,963.1	30.5	25.1	-83.22	788.1	542.4	667.4	617.9	49.43	13.502	
8,400.0	7,041.3	8,128.9	6,962.7	31.5	26.6	-83.23	888.1	541.8	667.6	615.4	52.18	12.793	
8,500.0	7,040.7	8,228.9	6,962.2	32.7	28.1	-83.24	988.1	541.2	667.8	612.7	55.07	12.127	
8,600.0	7,040.1	8,328.9	6,961.7	33.9	29.6	-83.26	1,088.1	540.6	668.0	609.9	58.06	11.505	
8,700.0	7,039.5	8,428.9	6,961.2	35.3	31.2	-83.27	1,188.1	540.0	668.2	607.0	61.14	10.928	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
8,800.0	7,038.9	8,528.9	6,960.7	36.7	32.8	-83.28	1,288.1	539.4	668.3	604.0	64.30	10.393	
8,900.0	7,038.3	8,628.9	6,960.2	38.1	34.4	-83.29	1,388.1	538.8	668.5	601.0	67.54	9.899	
9,000.0	7,037.7	8,728.9	6,959.7	39.7	36.1	-83.31	1,488.1	538.2	668.7	597.9	70.83	9.441	
9,100.0	7,037.1	8,828.9	6,959.2	41.2	37.8	-83.32	1,588.1	537.6	668.9	594.8	74.17	9.018	
9,200.0	7,036.4	8,928.9	6,958.7	42.8	39.5	-83.33	1,688.1	536.9	669.1	591.6	77.56	8.627	
9,300.0	7,035.8	9,028.9	6,958.3	44.4	41.2	-83.34	1,788.1	536.3	669.3	588.3	80.99	8.264	
9,400.0	7,035.2	9,128.9	6,957.8	46.0	43.0	-83.36	1,888.1	535.7	669.5	585.1	84.45	7.928	
9,500.0	7,034.6	9,228.9	6,957.3	47.6	44.7	-83.37	1,988.1	535.1	669.7	581.8	87.94	7.615	
9,600.0	7,034.0	9,328.9	6,956.8	49.3	46.5	-83.38	2,088.0	534.5	669.9	578.4	91.46	7.324	
9,700.0	7,033.4	9,428.9	6,956.3	51.0	48.3	-83.39	2,188.0	533.9	670.1	575.1	95.01	7.053	
9,800.0	7,032.8	9,528.9	6,955.8	52.7	50.1	-83.40	2,288.0	533.3	670.3	571.7	98.57	6.800	
9,900.0	7,032.2	9,628.9	6,955.3	54.4	51.9	-83.42	2,388.0	532.7	670.5	568.3	102.15	6.563	
10,000.0	7,031.6	9,728.9	6,954.8	56.1	53.7	-83.43	2,488.0	532.1	670.7	564.9	105.75	6.342	
10,100.0	7,031.0	9,828.9	6,954.3	57.9	55.5	-83.44	2,588.0	531.4	670.9	561.5	109.37	6.134	
10,200.0	7,030.3	9,928.9	6,953.9	59.6	57.3	-83.45	2,688.0	530.8	671.1	558.1	113.00	5.938	
10,300.0	7,029.7	10,028.9	6,953.4	61.4	59.1	-83.47	2,788.0	530.2	671.3	554.6	116.65	5.755	
10,400.0	7,029.1	10,128.9	6,952.9	63.2	61.0	-83.48	2,888.0	529.6	671.5	551.1	120.30	5.581	
10,500.0	7,028.5	10,228.9	6,952.4	65.0	62.8	-83.49	2,988.0	529.0	671.6	547.7	123.97	5.418	
10,600.0	7,027.9	10,328.9	6,951.9	66.7	64.7	-83.50	3,088.0	528.4	671.8	544.2	127.64	5.263	
10,700.0	7,027.3	10,428.9	6,951.4	68.5	66.5	-83.52	3,188.0	527.8	672.0	540.7	131.33	5.117	
10,800.0	7,026.7	10,528.9	6,950.9	70.3	68.4	-83.53	3,288.0	527.2	672.2	537.2	135.02	4.979	
10,900.0	7,026.1	10,628.9	6,950.4	72.1	70.2	-83.54	3,388.0	526.6	672.4	533.7	138.72	4.847	
11,000.0	7,025.5	10,728.9	6,949.9	74.0	72.1	-83.55	3,488.0	525.9	672.6	530.2	142.43	4.723	
11,100.0	7,024.8	10,828.9	6,949.5	75.8	73.9	-83.57	3,588.0	525.3	672.8	526.7	146.14	4.604	
11,200.0	7,024.2	10,928.9	6,949.0	77.6	75.8	-83.58	3,688.0	524.7	673.0	523.1	149.86	4.491	
11,300.0	7,023.6	11,028.9	6,948.5	79.4	77.7	-83.59	3,788.0	524.1	673.2	519.6	153.59	4.383	
11,400.0	7,023.0	11,128.9	6,948.0	81.3	79.6	-83.60	3,888.0	523.5	673.4	516.1	157.32	4.281	
11,500.0	7,022.4	11,228.9	6,947.5	83.1	81.4	-83.62	3,988.0	522.9	673.6	512.5	161.05	4.182	
11,600.0	7,021.8	11,328.9	6,947.0	84.9	83.3	-83.63	4,088.0	522.3	673.8	509.0	164.79	4.089	
11,691.1	7,021.2	11,420.0	6,946.6	86.6	85.0	-83.64	4,179.1	521.7	674.0	505.8	168.20	4.007 SF	



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<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 (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	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-120.90	-7.7	-12.8	14.9	14.9	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	-120.90	-7.7	-12.8	14.9	14.7	0.22	66.381	
200.0	200.0	200.0	200.0	0.3	0.3	-120.90	-7.7	-12.8	14.9	14.2	0.67	22.127	
300.0	300.0	300.0	300.0	0.6	0.6	-120.90	-7.7	-12.8	14.9	13.8	1.12	13.276	
400.0	400.0	400.0	400.0	0.8	0.8	-120.90	-7.7	-12.8	14.9	13.3	1.57	9.483	
500.0	500.0	500.0	500.0	1.0	1.0	-120.90	-7.7	-12.8	14.9	12.9	2.02	7.376	
600.0	600.0	600.0	600.0	1.2	1.2	-120.90	-7.7	-12.8	14.9	12.4	2.47	6.035	
700.0	700.0	700.0	700.0	1.5	1.5	-120.90	-7.7	-12.8	14.9	12.0	2.92	5.106	
800.0	800.0	800.0	800.0	1.7	1.7	-120.90	-7.7	-12.8	14.9	11.5	3.37	4.425	
900.0	900.0	900.0	900.0	1.9	1.9	-120.90	-7.7	-12.8	14.9	11.1	3.82	3.905	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-120.90	-7.7	-12.8	14.9	10.6	4.27	3.494	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-120.90	-7.7	-12.8	14.9	10.2	4.72	3.161	
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-120.90	-7.7	-12.8	14.9	9.8	5.17	2.886	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	-120.90	-7.7	-12.8	14.9	9.3	5.62	2.655	
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	-120.90	-7.7	-12.8	14.9	8.9	6.07	2.459	
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	-120.90	-7.7	-12.8	14.9	8.4	6.52	2.289	
1,600.0	1,600.0	1,600.0	1,600.0	3.5	3.5	-120.90	-7.7	-12.8	14.9	8.0	6.97	2.141 CC, ES	
1,700.0	1,700.0	1,700.0	1,700.0	3.7	3.7	124.75	-7.7	-12.8	15.8	8.5	7.39	2.143	
1,800.0	1,799.8	1,799.8	1,799.8	3.9	3.9	137.56	-7.7	-12.8	19.3	11.5	7.80	2.477	
1,900.0	1,899.5	1,900.2	1,900.1	4.1	4.1	148.09	-8.7	-11.4	25.0	16.8	8.18	3.060	
2,000.0	1,998.7	2,000.7	2,000.6	4.3	4.3	153.98	-11.8	-7.1	31.4	22.9	8.53	3.683	
2,100.0	2,097.5	2,101.5	2,101.0	4.5	4.5	157.34	-16.9	0.1	38.2	29.3	8.88	4.295	
2,200.0	2,195.6	2,202.6	2,201.3	4.8	4.7	159.24	-24.2	10.1	45.1	35.9	9.24	4.878	
2,300.0	2,293.1	2,303.9	2,301.3	5.1	5.0	160.23	-33.5	23.0	52.2	42.6	9.62	5.425	
2,370.8	2,361.6	2,375.8	2,371.9	5.4	5.2	160.56	-41.4	34.0	57.3	47.4	9.89	5.788	
2,400.0	2,389.7	2,405.4	2,400.9	5.5	5.3	160.60	-44.9	38.9	59.2	49.2	10.03	5.907	
2,500.0	2,486.1	2,505.7	2,498.8	5.9	5.6	160.26	-57.6	56.5	64.9	54.4	10.51	6.174	
2,600.0	2,582.5	2,605.5	2,596.3	6.4	5.9	159.94	-70.3	74.1	70.5	59.5	11.01	6.400	
2,700.0	2,678.9	2,705.4	2,693.7	6.8	6.2	159.67	-83.0	91.6	76.1	64.5	11.54	6.595	
2,800.0	2,775.3	2,805.2	2,791.2	7.3	6.6	159.44	-95.7	109.2	81.7	69.6	12.08	6.763	
2,900.0	2,871.7	2,905.0	2,888.6	7.8	7.0	159.24	-108.3	126.8	87.3	74.7	12.63	6.909	
3,000.0	2,968.1	3,004.9	2,986.1	8.3	7.4	159.06	-121.0	144.4	92.9	79.7	13.20	7.036	
3,100.0	3,064.5	3,104.7	3,083.6	8.8	7.8	158.91	-133.7	162.0	98.5	84.7	13.78	7.147	
3,200.0	3,160.9	3,204.6	3,181.0	9.3	8.2	158.77	-146.4	179.5	104.1	89.7	14.37	7.243	
3,300.0	3,257.3	3,304.4	3,278.5	9.8	8.6	158.64	-159.1	197.1	109.7	94.7	14.97	7.327	
3,400.0	3,353.7	3,404.2	3,375.9	10.4	9.0	158.53	-171.7	214.7	115.3	99.7	15.58	7.402	
3,500.0	3,450.1	3,504.1	3,473.4	10.9	9.5	158.42	-184.4	232.3	120.9	104.7	16.19	7.467	
3,600.0	3,546.5	3,603.9	3,570.9	11.4	9.9	158.33	-197.1	249.9	126.5	109.7	16.81	7.524	
3,700.0	3,642.9	3,703.8	3,668.3	12.0	10.3	158.24	-209.8	267.4	132.1	114.7	17.44	7.575	
3,800.0	3,739.3	3,803.6	3,765.8	12.5	10.8	158.16	-222.5	285.0	137.7	119.6	18.07	7.621	
3,900.0	3,835.7	3,903.5	3,863.3	13.1	11.2	158.09	-235.1	302.6	143.3	124.6	18.71	7.661	
4,000.0	3,932.1	4,003.3	3,960.7	13.6	11.7	158.02	-247.8	320.2	148.9	129.6	19.35	7.697	
4,100.0	4,028.5	4,103.1	4,058.2	14.2	12.1	157.96	-260.5	337.7	154.5	134.5	19.99	7.729	
4,200.0	4,124.9	4,203.0	4,155.6	14.7	12.6	157.90	-273.2	355.3	160.1	139.5	20.64	7.758	
4,300.0	4,221.3	4,302.8	4,253.1	15.3	13.0	157.85	-285.9	372.9	165.7	144.4	21.29	7.784	
4,400.0	4,317.7	4,402.7	4,350.6	15.8	13.5	157.80	-298.5	390.5	171.3	149.4	21.95	7.808	
4,500.0	4,414.1	4,502.5	4,448.0	16.4	14.0	157.75	-311.2	408.1	176.9	154.3	22.60	7.829	
4,600.0	4,510.5	4,602.4	4,545.5	17.0	14.4	157.71	-323.9	425.6	182.6	159.3	23.26	7.848	
4,700.0	4,606.9	4,702.2	4,642.9	17.5	14.9	157.67	-336.6	443.2	188.2	164.2	23.92	7.865	
4,800.0	4,703.3	4,802.0	4,740.4	18.1	15.3	157.63	-349.3	460.8	193.8	169.2	24.59	7.881	
4,900.0	4,799.7	4,901.9	4,837.9	18.6	15.8	157.59	-361.9	478.4	199.4	174.1	25.25	7.895	
5,000.0	4,896.1	5,001.7	4,935.3	19.2	16.3	157.55	-374.6	496.0	205.0	179.1	25.92	7.909	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix L-29HN - Wellbore #1 - Plan #1 (11-06-14)												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	4,992.5	5,101.6	5,032.8	19.8	16.7	157.52	-387.3	513.5	210.6	184.0	26.59	7.920	
5,200.0	5,088.9	5,201.4	5,130.3	20.3	17.2	157.49	-400.0	531.1	216.2	188.9	27.26	7.931	
5,300.0	5,185.3	5,301.3	5,227.7	20.9	17.7	157.46	-412.7	548.7	221.8	193.9	27.93	7.941	
5,400.0	5,281.7	5,401.1	5,325.2	21.5	18.1	157.43	-425.3	566.3	227.4	198.8	28.60	7.951	
5,500.0	5,378.1	5,500.9	5,422.6	22.0	18.6	157.40	-438.0	583.9	233.0	203.7	29.28	7.959	
5,600.0	5,474.5	5,600.8	5,520.1	22.6	19.1	157.38	-450.7	601.4	238.6	208.7	29.95	7.967	
5,700.0	5,570.9	5,700.6	5,617.6	23.2	19.6	157.35	-463.4	619.0	244.2	213.6	30.63	7.974	
5,800.0	5,667.3	5,800.5	5,715.0	23.7	20.0	157.33	-476.1	636.6	249.8	218.5	31.31	7.980	
5,900.0	5,763.7	5,900.3	5,812.5	24.3	20.5	157.31	-488.7	654.2	255.4	223.5	31.98	7.987	
6,000.0	5,860.1	6,000.2	5,909.9	24.9	21.0	157.28	-501.4	671.8	261.0	228.4	32.66	7.992	
6,100.0	5,956.5	6,100.0	6,007.4	25.4	21.4	157.26	-514.1	689.3	266.7	233.3	33.34	7.997	
6,200.0	6,052.9	6,199.8	6,104.9	26.0	21.9	157.24	-526.8	706.9	272.3	238.2	34.02	8.002	
6,300.0	6,149.4	6,299.7	6,202.3	26.6	22.4	157.22	-539.5	724.5	277.9	243.2	34.71	8.007	
6,400.0	6,245.8	6,397.4	6,297.8	27.1	22.8	157.51	-550.3	741.7	283.7	248.4	35.26	8.044	
6,411.5	6,256.8	6,408.3	6,308.6	27.2	22.9	157.67	-550.9	743.7	284.4	249.1	35.28	8.061	
6,450.0	6,294.1	6,444.7	6,344.4	27.4	23.0	169.13	-551.7	750.1	287.0	251.7	35.26	8.138	
6,500.0	6,342.6	6,491.8	6,390.8	27.6	23.1	-173.86	-550.0	758.5	290.3	255.1	35.21	8.245	
6,550.0	6,391.2	6,538.7	6,436.7	27.8	23.2	-156.53	-545.2	766.8	293.6	258.5	35.14	8.355	
6,600.0	6,439.7	6,585.4	6,481.9	27.9	23.3	-141.34	-537.4	775.0	296.9	261.9	35.07	8.466	
6,650.0	6,487.6	6,631.9	6,526.4	28.1	23.3	-129.33	-526.6	783.0	300.2	265.2	35.00	8.577	
6,700.0	6,534.9	6,678.2	6,570.0	28.2	23.4	-120.23	-513.0	790.9	303.4	268.5	34.93	8.685	
6,750.0	6,581.3	6,724.4	6,612.5	28.3	23.4	-113.36	-496.7	798.5	306.5	271.6	34.87	8.791	
6,800.0	6,626.5	6,770.4	6,653.7	28.3	23.4	-108.10	-477.6	806.0	309.5	274.7	34.81	8.892	
6,850.0	6,670.5	6,816.3	6,693.5	28.4	23.4	-103.99	-456.0	813.2	312.4	277.6	34.76	8.987	
6,900.0	6,712.8	6,862.0	6,731.8	28.4	23.4	-100.74	-431.9	820.1	315.1	280.4	34.72	9.075	
6,950.0	6,753.4	6,907.7	6,768.4	28.4	23.4	-98.14	-405.4	826.7	317.6	282.9	34.70	9.153	
7,000.0	6,792.0	6,953.3	6,803.2	28.4	23.3	-96.02	-376.6	833.0	320.0	285.3	34.70	9.221	
7,050.0	6,828.4	7,000.0	6,836.9	28.3	23.3	-94.30	-344.9	839.1	322.2	287.4	34.73	9.276	
7,100.0	6,862.5	7,044.4	6,867.0	28.3	23.2	-92.91	-312.8	844.6	324.1	289.3	34.79	9.316	
7,150.0	6,894.1	7,089.8	6,895.7	28.3	23.1	-91.78	-277.9	849.8	325.9	291.0	34.89	9.341	
7,200.0	6,923.1	7,135.3	6,922.2	28.2	23.0	-90.88	-241.3	854.6	327.4	292.4	35.02	9.349	
7,250.0	6,949.3	7,180.8	6,946.4	28.1	23.0	-90.19	-203.1	859.0	328.7	293.5	35.20	9.338	
7,300.0	6,972.5	7,226.3	6,968.1	28.1	22.9	-89.67	-163.3	862.9	329.8	294.4	35.43	9.307	
7,350.0	6,992.7	7,271.8	6,987.3	28.0	22.8	-89.32	-122.2	866.4	330.6	294.9	35.71	9.258	
7,400.0	7,009.8	7,317.4	7,004.0	27.9	22.7	-89.11	-79.9	869.4	331.2	295.1	36.05	9.188	
7,450.0	7,023.7	7,363.0	7,017.9	27.9	22.7	-89.04	-36.5	872.0	331.5	295.1	36.44	9.099	
7,500.0	7,034.2	7,408.8	7,029.2	27.8	22.6	-89.11	7.8	874.0	331.6	294.8	36.88	8.992	
7,550.0	7,041.5	7,454.6	7,037.6	27.8	22.5	-89.30	52.8	875.6	331.5	294.1	37.39	8.867	
7,600.0	7,045.3	7,500.0	7,043.2	27.7	22.5	-89.61	97.8	876.6	331.1	293.2	37.94	8.728	
7,636.5	7,046.0	7,534.2	7,045.5	27.7	22.5	-89.92	131.9	877.1	330.7	292.3	38.39	8.615	
7,700.0	7,045.6	7,593.5	7,045.8	27.7	22.5	-90.03	191.3	877.2	330.4	291.3	39.13	8.443	
7,800.0	7,045.0	7,693.5	7,043.3	27.7	22.7	-89.71	291.2	876.8	330.4	289.9	40.46	8.165	
7,874.4	7,044.5	7,767.9	7,041.5	27.8	23.0	-89.46	365.6	876.5	330.4	288.7	41.67	7.929	
7,900.0	7,044.4	7,793.5	7,040.8	27.9	23.1	-89.38	391.2	876.4	330.4	288.3	42.08	7.850	
8,000.0	7,043.8	7,893.5	7,038.3	28.3	23.9	-89.06	491.1	876.0	330.4	286.4	43.98	7.512	
8,100.0	7,043.2	7,993.5	7,035.9	28.8	24.8	-88.73	591.1	875.6	330.4	284.3	46.11	7.165	
8,200.0	7,042.6	8,093.5	7,033.4	29.6	26.0	-88.41	691.0	875.2	330.4	282.0	48.45	6.820	
8,300.0	7,041.9	8,193.4	7,030.9	30.5	27.2	-88.09	791.0	874.9	330.5	279.5	50.96	6.484	
8,400.0	7,041.3	8,293.4	7,028.4	31.5	28.5	-87.76	890.9	874.5	330.5	276.9	53.63	6.163	
8,500.0	7,040.7	8,393.4	7,026.0	32.7	29.9	-87.44	990.9	874.1	330.6	274.2	56.42	5.859	
8,600.0	7,040.1	8,493.4	7,023.5	33.9	31.4	-87.12	1,090.8	873.7	330.6	271.3	59.32	5.574	
8,700.0	7,039.5	8,593.4	7,021.0	35.3	32.9	-86.79	1,190.8	873.3	330.7	268.4	62.32	5.307	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix L-29HN - Wellbore #1 - Plan #1 (11-06-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
8,800.0	7,038.9	8,693.4	7,018.5	36.7	34.4	-86.47	1,290.7	872.9	330.8	265.4	65.39	5.059	
8,900.0	7,038.3	8,793.3	7,016.0	38.1	36.0	-86.15	1,390.7	872.6	330.9	262.4	68.54	4.828	
9,000.0	7,037.7	8,893.3	7,013.6	39.7	37.6	-85.82	1,490.6	872.2	331.0	259.3	71.74	4.614	
9,100.0	7,037.1	8,993.3	7,011.1	41.2	39.2	-85.50	1,590.6	871.8	331.2	256.2	74.99	4.416	
9,200.0	7,036.4	9,093.3	7,008.6	42.8	40.9	-85.18	1,690.5	871.4	331.3	253.0	78.29	4.232	
9,300.0	7,035.8	9,193.3	7,006.1	44.4	42.5	-84.86	1,790.5	871.0	331.4	249.8	81.62	4.061	
9,400.0	7,035.2	9,293.3	7,003.7	46.0	44.2	-84.54	1,890.4	870.6	331.6	246.6	84.99	3.902	
9,500.0	7,034.6	9,393.2	7,001.2	47.6	46.0	-84.22	1,990.4	870.3	331.8	243.4	88.38	3.754	
9,600.0	7,034.0	9,493.2	6,998.7	49.3	47.7	-83.89	2,090.3	869.9	331.9	240.1	91.80	3.616	
9,700.0	7,033.4	9,593.2	6,996.2	51.0	49.4	-83.57	2,190.3	869.5	332.1	236.9	95.24	3.487	
9,800.0	7,032.8	9,693.2	6,993.7	52.7	51.2	-83.25	2,290.3	869.1	332.3	233.6	98.69	3.367	
9,900.0	7,032.2	9,793.2	6,991.3	54.4	52.9	-82.93	2,390.2	868.7	332.5	230.4	102.16	3.255	
10,000.0	7,031.6	9,893.1	6,988.8	56.1	54.7	-82.61	2,490.2	868.3	332.7	227.1	105.64	3.150	
10,100.0	7,031.0	9,993.1	6,986.3	57.9	56.5	-82.30	2,590.1	868.0	333.0	223.8	109.13	3.051	
10,200.0	7,030.3	10,093.1	6,983.8	59.6	58.3	-81.98	2,690.1	867.6	333.2	220.6	112.63	2.959	
10,300.0	7,029.7	10,193.1	6,981.4	61.4	60.1	-81.66	2,790.0	867.2	333.5	217.3	116.13	2.871	
10,400.0	7,029.1	10,293.1	6,978.9	63.2	61.9	-81.34	2,890.0	866.8	333.7	214.1	119.64	2.789	
10,500.0	7,028.5	10,393.1	6,976.4	65.0	63.7	-81.02	2,989.9	866.4	334.0	210.8	123.15	2.712	
10,600.0	7,027.9	10,493.0	6,973.9	66.7	65.5	-80.71	3,089.9	866.0	334.3	207.6	126.67	2.639	
10,700.0	7,027.3	10,593.0	6,971.5	68.5	67.3	-80.39	3,189.8	865.7	334.6	204.4	130.18	2.570	
10,800.0	7,026.7	10,693.0	6,969.0	70.3	69.2	-80.08	3,289.8	865.3	334.9	201.2	133.70	2.505	
10,900.0	7,026.1	10,793.0	6,966.5	72.1	71.0	-79.76	3,389.7	864.9	335.2	198.0	137.21	2.443	
11,000.0	7,025.5	10,893.0	6,964.0	74.0	72.8	-79.45	3,489.7	864.5	335.5	194.8	140.72	2.384	
11,100.0	7,024.8	10,993.0	6,961.5	75.8	74.7	-79.13	3,589.6	864.1	335.8	191.6	144.23	2.328	
11,200.0	7,024.2	11,092.9	6,959.1	77.6	76.5	-78.82	3,689.6	863.7	336.2	188.4	147.74	2.275	
11,300.0	7,023.6	11,192.9	6,956.6	79.4	78.4	-78.51	3,789.5	863.3	336.5	185.3	151.24	2.225	
11,400.0	7,023.0	11,292.9	6,954.1	81.3	80.2	-78.20	3,889.5	863.0	336.9	182.1	154.74	2.177	
11,500.0	7,022.4	11,392.9	6,951.6	83.1	82.1	-77.88	3,989.4	862.6	337.2	179.0	158.24	2.131	
11,600.0	7,021.8	11,492.9	6,949.2	84.9	83.9	-77.57	4,089.4	862.2	337.6	175.9	161.72	2.088	
11,691.1	7,021.2	11,584.0	6,946.9	86.6	85.6	-77.29	4,180.4	861.8	338.0	173.1	164.90	2.050 SF	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)													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		
0.0	0.0	0.0	0.0	0.0	0.0	59.14	7.7	12.8	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	59.14	7.7	12.8	14.9	14.7	0.22	66.353		
200.0	200.0	200.0	200.0	0.3	0.3	59.14	7.7	12.8	14.9	14.2	0.67	22.118		
300.0	300.0	300.0	300.0	0.6	0.6	59.14	7.7	12.8	14.9	13.8	1.12	13.271		
400.0	400.0	400.0	400.0	0.8	0.8	59.14	7.7	12.8	14.9	13.3	1.57	9.479		
500.0	500.0	500.0	500.0	1.0	1.0	59.14	7.7	12.8	14.9	12.9	2.02	7.373		
600.0	600.0	600.0	600.0	1.2	1.2	59.14	7.7	12.8	14.9	12.4	2.47	6.032		
700.0	700.0	700.0	700.0	1.5	1.5	59.14	7.7	12.8	14.9	12.0	2.92	5.104		
800.0	800.0	800.0	800.0	1.7	1.7	59.14	7.7	12.8	14.9	11.5	3.37	4.424		
900.0	900.0	900.0	900.0	1.9	1.9	59.14	7.7	12.8	14.9	11.1	3.82	3.903		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	59.14	7.7	12.8	14.9	10.6	4.27	3.492		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	59.14	7.7	12.8	14.9	10.2	4.72	3.160		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	59.14	7.7	12.8	14.9	9.7	5.17	2.885		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	59.14	7.7	12.8	14.9	9.3	5.62	2.654		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	59.14	7.7	12.8	14.9	8.8	6.07	2.458 CC, ES		
1,500.0	1,500.0	1,499.7	1,499.7	3.3	3.2	64.50	6.8	14.3	15.9	9.4	6.50	2.445		
1,600.0	1,600.0	1,599.1	1,599.0	3.5	3.4	76.87	4.4	18.9	19.4	12.5	6.91	2.814		
1,700.0	1,700.0	1,698.3	1,697.7	3.7	3.6	-32.63	0.4	26.5	25.1	17.8	7.30	3.441		
1,800.0	1,799.8	1,797.2	1,795.9	3.9	3.9	-26.45	-5.2	37.1	31.3	23.7	7.68	4.082		
1,900.0	1,899.5	1,895.8	1,893.4	4.1	4.1	-22.52	-12.4	50.6	37.8	29.7	8.05	4.692		
2,000.0	1,998.7	1,994.3	1,990.0	4.3	4.4	-19.90	-21.1	67.1	44.4	35.9	8.43	5.258		
2,100.0	2,097.5	2,092.5	2,085.8	4.5	4.7	-18.10	-31.3	86.4	51.0	42.1	8.82	5.776		
2,200.0	2,195.6	2,190.5	2,180.5	4.8	5.1	-16.83	-43.1	108.5	57.6	48.4	9.22	6.244		
2,300.0	2,293.1	2,290.0	2,276.1	5.1	5.5	-16.19	-56.0	133.0	63.1	53.4	9.63	6.545		
2,370.8	2,361.6	2,360.8	2,344.1	5.4	5.8	-16.30	-65.3	150.4	65.0	55.0	9.94	6.534		
2,400.0	2,389.7	2,389.9	2,372.1	5.5	6.0	-16.43	-69.1	157.6	65.4	55.3	10.09	6.481		
2,500.0	2,486.1	2,489.9	2,468.1	5.9	6.5	-16.89	-82.1	182.1	66.9	56.3	10.61	6.303		
2,600.0	2,582.5	2,589.9	2,564.1	6.4	7.0	-17.32	-95.1	206.7	68.4	57.2	11.15	6.132		
2,700.0	2,678.9	2,689.9	2,660.2	6.8	7.5	-17.74	-108.2	231.3	69.9	58.2	11.71	5.967		
2,800.0	2,775.3	2,789.9	2,756.2	7.3	8.0	-18.14	-121.2	255.9	71.4	59.1	12.29	5.810		
2,900.0	2,871.7	2,889.9	2,852.3	7.8	8.6	-18.52	-134.2	280.5	72.9	60.0	12.88	5.661		
3,000.0	2,968.1	2,989.9	2,948.3	8.3	9.1	-18.89	-147.3	305.1	74.4	60.9	13.48	5.520		
3,100.0	3,064.5	3,089.8	3,044.3	8.8	9.7	-19.24	-160.3	329.7	75.9	61.8	14.10	5.386		
3,200.0	3,160.9	3,189.8	3,140.4	9.3	10.2	-19.58	-173.3	354.3	77.4	62.7	14.73	5.259		
3,300.0	3,257.3	3,289.8	3,236.4	9.8	10.8	-19.91	-186.3	378.8	79.0	63.6	15.37	5.139		
3,400.0	3,353.7	3,389.8	3,332.4	10.4	11.4	-20.22	-199.4	403.4	80.5	64.5	16.02	5.026		
3,500.0	3,450.1	3,489.8	3,428.5	10.9	11.9	-20.53	-212.4	428.0	82.0	65.3	16.67	4.919		
3,600.0	3,546.5	3,589.8	3,524.5	11.4	12.5	-20.82	-225.4	452.6	83.5	66.2	17.34	4.818		
3,700.0	3,642.9	3,689.8	3,620.6	12.0	13.1	-21.10	-238.5	477.2	85.1	67.1	18.02	4.722		
3,800.0	3,739.3	3,789.8	3,716.6	12.5	13.7	-21.37	-251.5	501.8	86.6	67.9	18.70	4.632		
3,900.0	3,835.7	3,889.7	3,812.6	13.1	14.2	-21.63	-264.5	526.4	88.1	68.8	19.39	4.546		
4,000.0	3,932.1	3,989.7	3,908.7	13.6	14.8	-21.88	-277.6	551.0	89.7	69.6	20.08	4.465		
4,100.0	4,028.5	4,089.7	4,004.7	14.2	15.4	-22.12	-290.6	575.6	91.2	70.4	20.79	4.388		
4,200.0	4,124.9	4,189.7	4,100.7	14.7	16.0	-22.36	-303.6	600.1	92.8	71.3	21.49	4.316		
4,300.0	4,221.3	4,289.7	4,196.8	15.3	16.6	-22.59	-316.7	624.7	94.3	72.1	22.21	4.246		
4,400.0	4,317.7	4,389.7	4,292.8	15.8	17.2	-22.81	-329.7	649.3	95.8	72.9	22.92	4.181		
4,500.0	4,414.1	4,489.7	4,388.8	16.4	17.7	-23.02	-342.7	673.9	97.4	73.7	23.65	4.118		
4,600.0	4,510.5	4,589.7	4,484.9	17.0	18.3	-23.23	-355.7	698.5	98.9	74.5	24.37	4.059		
4,700.0	4,606.9	4,689.6	4,580.9	17.5	18.9	-23.43	-368.8	723.1	100.5	75.4	25.10	4.002		
4,800.0	4,703.3	4,789.6	4,677.0	18.1	19.5	-23.62	-381.8	747.7	102.0	76.2	25.84	3.948		
4,900.0	4,799.7	4,889.6	4,773.0	18.6	20.1	-23.81	-394.8	772.3	103.6	77.0	26.58	3.896		
5,000.0	4,896.1	4,989.6	4,869.0	19.2	20.7	-24.00	-407.9	796.8	105.1	77.8	27.32	3.847		

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)												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	4,992.5	5,089.6	4,965.1	19.8	21.3	-24.17	-420.9	821.4	106.7	78.6	28.07	3.800	
5,200.0	5,088.9	5,189.6	5,061.1	20.3	21.9	-24.35	-433.9	846.0	108.2	79.4	28.82	3.755	
5,300.0	5,185.3	5,289.6	5,157.1	20.9	22.5	-24.51	-447.0	870.6	109.8	80.2	29.57	3.712	
5,400.0	5,281.7	5,389.6	5,253.2	21.5	23.1	-24.68	-460.0	895.2	111.3	81.0	30.32	3.671	
5,500.0	5,378.1	5,489.5	5,349.2	22.0	23.7	-24.84	-473.0	919.8	112.9	81.8	31.08	3.631	
5,600.0	5,474.5	5,589.5	5,445.3	22.6	24.3	-24.99	-486.1	944.4	114.4	82.6	31.84	3.593	
5,700.0	5,570.9	5,689.5	5,541.3	23.2	24.8	-25.14	-499.1	969.0	116.0	83.4	32.61	3.557	
5,800.0	5,667.3	5,789.5	5,637.3	23.7	25.4	-25.29	-512.1	993.6	117.5	84.2	33.37	3.522	
5,900.0	5,763.7	5,889.5	5,733.4	24.3	26.0	-25.43	-525.2	1,018.1	119.1	85.0	34.14	3.488	
6,000.0	5,860.1	5,989.5	5,829.4	24.9	26.6	-25.57	-538.2	1,042.7	120.7	85.7	34.91	3.456	
6,100.0	5,956.5	6,089.5	5,925.4	25.4	27.2	-25.70	-551.2	1,067.3	122.2	86.5	35.68	3.425	
6,200.0	6,052.9	6,189.5	6,021.5	26.0	27.8	-25.84	-564.2	1,091.9	123.8	87.3	36.46	3.395	
6,300.0	6,149.4	6,289.4	6,117.5	26.6	28.4	-25.96	-577.3	1,116.5	125.3	88.1	37.23	3.366	
6,400.0	6,245.8	6,389.4	6,213.6	27.1	29.0	-26.09	-590.3	1,141.1	126.9	88.9	38.01	3.338	
6,411.5	6,256.8	6,400.9	6,224.6	27.2	29.1	-26.10	-591.8	1,143.9	127.1	89.0	38.10	3.335	
6,450.0	6,294.1	6,439.4	6,261.6	27.4	29.3	-15.05	-596.8	1,153.4	127.7	89.5	38.23	3.341	
6,500.0	6,342.6	6,489.2	6,309.4	27.6	29.6	2.83	-603.3	1,165.6	128.8	91.0	37.86	3.403	
6,550.0	6,391.2	6,538.8	6,357.1	27.8	29.9	22.46	-609.7	1,177.8	130.5	93.5	37.01	3.528	
6,600.0	6,439.7	6,589.7	6,406.2	27.9	30.1	40.43	-613.9	1,190.4	132.9	96.8	36.10	3.682	
6,650.0	6,487.6	6,641.3	6,456.2	28.1	30.3	55.11	-614.4	1,203.2	135.8	100.4	35.37	3.839	
6,700.0	6,534.9	6,693.6	6,506.7	28.2	30.5	66.76	-611.2	1,216.1	139.1	104.3	34.82	3.995	
6,750.0	6,581.3	6,746.6	6,557.6	28.3	30.7	76.02	-604.0	1,229.0	142.8	108.4	34.42	4.148	
6,800.0	6,626.5	6,800.3	6,608.4	28.3	30.8	83.50	-592.8	1,242.0	146.7	112.6	34.12	4.301	
6,850.0	6,670.5	6,854.7	6,659.0	28.4	31.0	89.65	-577.5	1,254.8	150.9	117.0	33.88	4.453	
6,900.0	6,712.8	6,909.8	6,709.0	28.4	31.0	94.78	-558.0	1,267.5	155.1	121.5	33.66	4.609	
6,950.0	6,753.4	6,965.6	6,757.9	28.4	31.1	99.10	-534.2	1,279.9	159.4	126.0	33.43	4.768	
7,000.0	6,792.0	7,022.2	6,805.5	28.4	31.1	102.77	-506.3	1,292.0	163.6	130.4	33.16	4.934	
7,050.0	6,828.4	7,079.4	6,851.4	28.3	31.2	105.88	-474.1	1,303.6	167.7	134.8	32.86	5.104	
7,100.0	6,862.5	7,137.2	6,895.1	28.3	31.1	108.53	-437.9	1,314.6	171.5	139.0	32.51	5.277	
7,150.0	6,894.1	7,195.6	6,936.2	28.3	31.1	110.78	-397.7	1,324.9	175.1	143.0	32.14	5.450	
7,200.0	6,923.1	7,254.6	6,974.3	28.2	31.1	112.67	-353.7	1,334.5	178.4	146.6	31.76	5.616	
7,250.0	6,949.3	7,314.1	7,009.1	28.1	31.0	114.23	-306.3	1,343.2	181.2	149.8	31.41	5.769	
7,300.0	6,972.5	7,374.0	7,040.2	28.1	31.0	115.50	-255.7	1,350.9	183.6	152.5	31.12	5.901	
7,350.0	6,992.7	7,434.2	7,067.2	28.0	30.9	116.50	-202.3	1,357.6	185.6	154.6	30.92	6.002	
7,400.0	7,009.8	7,494.7	7,089.8	27.9	30.8	117.24	-146.5	1,363.2	187.0	156.1	30.84	6.063	
7,450.0	7,023.7	7,555.4	7,107.9	27.9	30.7	117.75	-88.7	1,367.6	187.9	157.0	30.92	6.077	
7,500.0	7,034.2	7,616.2	7,121.2	27.8	30.6	118.01	-29.5	1,370.7	188.2	157.0	31.17	6.038	
7,550.0	7,041.5	7,677.0	7,129.5	27.8	30.6	118.05	30.7	1,372.6	188.0	156.4	31.61	5.947	
7,600.0	7,045.3	7,737.7	7,132.9	27.7	30.5	117.87	91.3	1,373.2	187.3	155.0	32.24	5.809	
7,633.4	7,046.0	7,773.0	7,133.0	27.7	30.5	117.76	126.6	1,373.1	186.8	154.1	32.68	5.716	
7,636.5	7,046.0	7,776.1	7,133.0	27.7	30.5	117.76	129.7	1,373.1	186.8	154.1	32.71	5.710	
7,700.0	7,045.6	7,839.7	7,133.0	27.7	30.4	117.86	193.2	1,372.8	187.0	153.7	33.23	5.627	
7,800.0	7,045.0	7,939.6	7,133.0	27.7	30.4	118.03	293.2	1,372.4	187.3	153.0	34.24	5.469	
7,900.0	7,044.4	8,039.6	7,133.0	27.9	30.6	118.19	393.2	1,372.0	187.5	152.0	35.55	5.276	
8,000.0	7,043.8	8,139.6	7,133.0	28.3	30.8	118.36	493.2	1,371.6	187.8	150.7	37.12	5.060	
8,100.0	7,043.2	8,239.6	7,133.0	28.8	31.3	118.52	593.2	1,371.2	188.1	149.2	38.94	4.832	
8,200.0	7,042.6	8,339.6	7,133.0	29.6	31.8	118.69	693.2	1,370.8	188.4	147.5	40.95	4.602	
8,300.0	7,041.9	8,439.6	7,133.0	30.5	32.6	118.85	793.2	1,370.4	188.7	145.6	43.13	4.376	
8,400.0	7,041.3	8,539.6	7,133.0	31.5	33.5	119.01	893.2	1,370.0	189.0	143.6	45.45	4.158	
8,500.0	7,040.7	8,639.6	7,133.0	32.7	34.5	119.17	993.2	1,369.6	189.3	141.4	47.90	3.952	
8,600.0	7,040.1	8,739.6	7,133.0	33.9	35.6	119.33	1,093.2	1,369.2	189.6	139.2	50.45	3.758	
8,700.0	7,039.5	8,839.6	7,133.0	35.3	36.8	119.49	1,193.2	1,368.8	189.9	136.8	53.08	3.577	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
8,800.0	7,038.9	8,939.6	7,133.0	36.7	38.2	119.65	1,293.2	1,368.4	190.2	134.4	55.79	3.409	
8,900.0	7,038.3	9,039.6	7,133.0	38.1	39.5	119.81	1,393.2	1,368.0	190.5	132.0	58.56	3.253	
9,000.0	7,037.7	9,139.6	7,133.0	39.7	41.0	119.97	1,493.2	1,367.6	190.8	129.4	61.37	3.109	
9,100.0	7,037.1	9,239.6	7,133.0	41.2	42.4	120.13	1,593.2	1,367.2	191.1	126.9	64.23	2.976	
9,200.0	7,036.4	9,339.6	7,133.0	42.8	44.0	120.29	1,693.2	1,366.8	191.4	124.3	67.12	2.852	
9,300.0	7,035.8	9,439.6	7,133.0	44.4	45.5	120.45	1,793.2	1,366.4	191.7	121.7	70.05	2.737	
9,400.0	7,035.2	9,539.6	7,133.0	46.0	47.1	120.60	1,893.2	1,366.0	192.0	119.0	73.00	2.631	
9,500.0	7,034.6	9,639.6	7,133.0	47.6	48.7	120.76	1,993.2	1,365.6	192.4	116.4	75.97	2.532	
9,600.0	7,034.0	9,739.6	7,133.0	49.3	50.3	120.92	2,093.2	1,365.2	192.7	113.7	78.96	2.440	
9,700.0	7,033.4	9,839.6	7,133.0	51.0	52.0	121.07	2,193.2	1,364.8	193.0	111.0	81.96	2.355	
9,800.0	7,032.8	9,939.6	7,133.0	52.7	53.6	121.23	2,293.1	1,364.4	193.3	108.3	84.98	2.275	
9,900.0	7,032.2	10,039.6	7,133.0	54.4	55.3	121.38	2,393.1	1,364.0	193.6	105.6	88.00	2.200	
10,000.0	7,031.6	10,139.6	7,133.0	56.1	57.0	121.54	2,493.1	1,363.6	193.9	102.9	91.03	2.130	
10,100.0	7,031.0	10,239.6	7,133.0	57.9	58.7	121.69	2,593.1	1,363.2	194.3	100.2	94.07	2.065	
10,200.0	7,030.3	10,339.6	7,133.0	59.6	60.5	121.84	2,693.1	1,362.8	194.6	97.5	97.12	2.004	
10,300.0	7,029.7	10,439.6	7,133.0	61.4	62.2	122.00	2,793.1	1,362.4	194.9	94.7	100.16	1.946	
10,400.0	7,029.1	10,539.6	7,133.0	63.2	64.0	122.15	2,893.1	1,362.0	195.2	92.0	103.21	1.891	
10,500.0	7,028.5	10,639.6	7,133.0	65.0	65.7	122.30	2,993.1	1,361.6	195.6	89.3	106.26	1.840	
10,600.0	7,027.9	10,739.6	7,133.0	66.7	67.5	122.45	3,093.1	1,361.2	195.9	86.6	109.31	1.792	
10,700.0	7,027.3	10,839.6	7,133.0	68.5	69.3	122.60	3,193.1	1,360.8	196.2	83.8	112.36	1.746	
10,800.0	7,026.7	10,939.6	7,133.0	70.3	71.0	122.75	3,293.1	1,360.4	196.5	81.1	115.41	1.703	
10,900.0	7,026.1	11,039.6	7,133.0	72.1	72.8	122.90	3,393.1	1,360.0	196.9	78.4	118.46	1.662	
11,000.0	7,025.5	11,139.6	7,133.0	74.0	74.6	123.05	3,493.1	1,359.6	197.2	75.7	121.50	1.623	
11,100.0	7,024.8	11,239.6	7,133.0	75.8	76.4	123.20	3,593.1	1,359.2	197.5	73.0	124.55	1.586	
11,200.0	7,024.2	11,339.6	7,133.0	77.6	78.2	123.35	3,693.1	1,358.8	197.9	70.3	127.58	1.551	
11,300.0	7,023.6	11,439.6	7,133.0	79.4	80.0	123.49	3,793.1	1,358.4	198.2	67.6	130.62	1.517	
11,400.0	7,023.0	11,539.6	7,133.0	81.3	81.9	123.64	3,893.1	1,358.0	198.5	64.9	133.65	1.486 Level 3	
11,500.0	7,022.4	11,639.6	7,133.0	83.1	83.7	123.79	3,993.1	1,357.6	198.9	62.2	136.68	1.455 Level 3	
11,600.0	7,021.8	11,739.6	7,133.0	84.9	85.5	123.93	4,093.1	1,357.2	199.2	59.5	139.70	1.426 Level 3	
11,646.3	7,021.5	11,785.9	7,133.0	85.8	86.4	124.00	4,139.4	1,357.0	199.4	58.3	141.09	1.413 Level 3	
11,691.1	7,021.2	11,815.7	7,133.0	86.6	86.9	124.04	4,169.3	1,356.9	200.1	57.9	142.23	1.407 Level 3, SF	



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Matrix 29- Pad Sec.29-T6N-R65W - Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)											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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	0.0	0.0	0.0	0.0	59.43	15.3	25.9	30.1					
100.0	100.0	99.0	99.0	0.1	0.1	59.43	15.3	25.9	30.1	29.8	0.22	134.413		
200.0	200.0	199.0	199.0	0.3	0.3	59.43	15.3	25.9	30.1	29.4	0.67	44.730		
300.0	300.0	299.0	299.0	0.6	0.6	59.43	15.3	25.9	30.1	28.9	1.12	26.802		
400.0	400.0	399.0	399.0	0.8	0.8	59.43	15.3	25.9	30.1	28.5	1.57	19.133		
500.0	500.0	499.0	499.0	1.0	1.0	59.43	15.3	25.9	30.1	28.0	2.02	14.877		
600.0	600.0	599.0	599.0	1.2	1.2	59.43	15.3	25.9	30.1	27.6	2.47	12.169		
700.0	700.0	699.0	699.0	1.5	1.5	59.43	15.3	25.9	30.1	27.1	2.92	10.296		
800.0	800.0	799.0	799.0	1.7	1.7	59.43	15.3	25.9	30.1	26.7	3.37	8.922		
900.0	900.0	899.0	899.0	1.9	1.9	59.43	15.3	25.9	30.1	26.2	3.82	7.872		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	59.43	15.3	25.9	30.1	25.8	4.27	7.043		
1,100.0	1,100.0	1,099.0	1,099.0	2.4	2.4	59.43	15.3	25.9	30.1	25.3	4.72	6.372		
1,200.0	1,200.0	1,199.0	1,199.0	2.6	2.6	59.43	15.3	25.9	30.1	24.9	5.17	5.817	CC, ES	
1,300.0	1,300.0	1,298.4	1,298.4	2.8	2.8	62.05	14.5	27.4	31.0	25.4	5.60	5.543		
1,400.0	1,400.0	1,397.6	1,397.4	3.0	3.0	69.04	12.2	32.0	34.3	28.3	6.01	5.703		
1,500.0	1,500.0	1,496.2	1,495.7	3.3	3.2	77.94	8.5	39.6	40.6	34.2	6.43	6.311		
1,600.0	1,600.0	1,594.2	1,593.0	3.5	3.4	86.36	3.2	50.1	50.6	43.7	6.87	7.366		
1,700.0	1,700.0	1,691.6	1,689.2	3.7	3.7	-27.28	-3.5	63.5	62.8	55.6	7.27	8.649		
1,800.0	1,799.8	1,788.5	1,784.3	3.9	3.9	-23.28	-11.6	79.8	75.6	67.9	7.65	9.874		
1,900.0	1,899.5	1,884.9	1,878.4	4.1	4.3	-20.58	-21.1	98.8	88.5	80.5	8.05	10.999		
2,000.0	1,998.7	1,981.0	1,971.3	4.3	4.7	-18.69	-32.0	120.5	101.5	93.1	8.45	12.019		
2,100.0	2,097.5	2,076.9	2,063.3	4.5	5.1	-17.33	-44.2	145.0	114.5	105.7	8.86	12.931		
2,200.0	2,195.6	2,176.3	2,158.1	4.8	5.6	-16.51	-57.5	171.6	125.6	116.3	9.28	13.533		
2,300.0	2,293.1	2,276.0	2,253.2	5.1	6.1	-16.25	-70.8	198.2	133.4	123.6	9.73	13.711		
2,370.8	2,361.6	2,346.7	2,320.8	5.4	6.5	-16.34	-80.2	217.1	136.9	126.8	10.05	13.611		
2,400.0	2,389.7	2,375.9	2,348.6	5.5	6.7	-16.43	-84.1	224.9	137.9	127.7	10.21	13.512		
2,500.0	2,486.1	2,475.8	2,443.9	5.9	7.2	-16.71	-97.4	251.6	141.7	130.9	10.75	13.179		
2,600.0	2,582.5	2,575.7	2,539.3	6.4	7.8	-16.98	-110.8	278.3	145.4	134.1	11.31	12.858		
2,700.0	2,678.9	2,675.6	2,634.7	6.8	8.4	-17.23	-124.1	305.0	149.1	137.3	11.88	12.552		
2,800.0	2,775.3	2,775.6	2,730.0	7.3	9.0	-17.48	-137.4	331.7	152.9	140.4	12.47	12.262		
2,900.0	2,871.7	2,875.5	2,825.4	7.8	9.6	-17.71	-150.8	358.4	156.6	143.6	13.07	11.986		
3,000.0	2,968.1	2,975.4	2,920.8	8.3	10.2	-17.93	-164.1	385.1	160.4	146.7	13.68	11.726		
3,100.0	3,064.5	3,075.3	3,016.1	8.8	10.8	-18.14	-177.4	411.8	164.1	149.8	14.30	11.480		
3,200.0	3,160.9	3,175.3	3,111.5	9.3	11.4	-18.34	-190.8	438.6	167.9	152.9	14.92	11.248		
3,300.0	3,257.3	3,275.2	3,206.9	9.8	12.0	-18.53	-204.1	465.3	171.6	156.0	15.56	11.029		
3,400.0	3,353.7	3,375.1	3,302.2	10.4	12.7	-18.71	-217.4	492.0	175.4	159.2	16.20	10.822		
3,500.0	3,450.1	3,475.1	3,397.6	10.9	13.3	-18.89	-230.8	518.7	179.1	162.3	16.85	10.627		
3,600.0	3,546.5	3,575.0	3,493.0	11.4	13.9	-19.06	-244.1	545.4	182.9	165.4	17.51	10.443		
3,700.0	3,642.9	3,674.9	3,588.3	12.0	14.5	-19.22	-257.4	572.1	186.6	168.5	18.17	10.270		
3,800.0	3,739.3	3,774.8	3,683.7	12.5	15.1	-19.37	-270.8	598.8	190.4	171.5	18.84	10.105		
3,900.0	3,835.7	3,874.8	3,779.1	13.1	15.8	-19.52	-284.1	625.5	194.1	174.6	19.51	9.950		
4,000.0	3,932.1	3,974.7	3,874.4	13.6	16.4	-19.67	-297.4	652.2	197.9	177.7	20.19	9.803		
4,100.0	4,028.5	4,074.6	3,969.8	14.2	17.0	-19.80	-310.8	678.9	201.7	180.8	20.87	9.664		
4,200.0	4,124.9	4,174.6	4,065.2	14.7	17.7	-19.94	-324.1	705.6	205.4	183.9	21.55	9.531		
4,300.0	4,221.3	4,274.5	4,160.5	15.3	18.3	-20.07	-337.4	732.3	209.2	187.0	22.24	9.406		
4,400.0	4,317.7	4,374.4	4,255.9	15.8	18.9	-20.19	-350.8	759.0	213.0	190.0	22.93	9.287		
4,500.0	4,414.1	4,474.3	4,351.3	16.4	19.6	-20.31	-364.1	785.7	216.7	193.1	23.63	9.173		
4,600.0	4,510.5	4,574.3	4,446.6	17.0	20.2	-20.43	-377.4	812.4	220.5	196.2	24.32	9.065		
4,700.0	4,606.9	4,674.2	4,542.0	17.5	20.8	-20.54	-390.8	839.1	224.3	199.2	25.02	8.962		
4,800.0	4,703.3	4,774.1	4,637.4	18.1	21.5	-20.65	-404.1	865.8	228.0	202.3	25.73	8.864		
4,900.0	4,799.7	4,874.1	4,732.7	18.6	22.1	-20.75	-417.4	892.6	231.8	205.4	26.43	8.770		
5,000.0	4,896.1	4,974.0	4,828.1	19.2	22.7	-20.85	-430.8	919.3	235.6	208.4	27.14	8.681		

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



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)												Offset Site Error:	0.0ft
Survey Program: 0-MWD												Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
5,100.0	4,992.5	5,073.9	4,923.4	19.8	23.4	-20.95	-444.1	946.0	239.3	211.5	27.85	8.595	
5,200.0	5,088.9	5,173.8	5,018.8	20.3	24.0	-21.04	-457.4	972.7	243.1	214.6	28.56	8.513	
5,300.0	5,185.3	5,273.8	5,114.2	20.9	24.6	-21.14	-470.8	999.4	246.9	217.6	29.27	8.434	
5,400.0	5,281.7	5,373.7	5,209.5	21.5	25.3	-21.22	-484.1	1,026.1	250.7	220.7	29.99	8.359	
5,500.0	5,378.1	5,473.6	5,304.9	22.0	25.9	-21.31	-497.5	1,052.8	254.4	223.7	30.70	8.287	
5,600.0	5,474.5	5,573.6	5,400.3	22.6	26.6	-21.40	-510.8	1,079.5	258.2	226.8	31.42	8.218	
5,700.0	5,570.9	5,673.5	5,495.6	23.2	27.2	-21.48	-524.1	1,106.2	262.0	229.8	32.14	8.151	
5,800.0	5,667.3	5,773.4	5,591.0	23.7	27.8	-21.56	-537.5	1,132.9	265.8	232.9	32.86	8.087	
5,900.0	5,763.7	5,873.3	5,686.4	24.3	28.5	-21.63	-550.8	1,159.6	269.5	236.0	33.58	8.026	
6,000.0	5,860.1	5,973.3	5,781.7	24.9	29.1	-21.71	-564.1	1,186.3	273.3	239.0	34.31	7.966	
6,100.0	5,956.5	6,073.2	5,877.1	25.4	29.8	-21.78	-577.5	1,213.0	277.1	242.1	35.03	7.909	
6,200.0	6,052.9	6,173.1	5,972.5	26.0	30.4	-21.85	-590.8	1,239.7	280.9	245.1	35.76	7.854	
6,300.0	6,149.4	6,273.0	6,067.8	26.6	31.0	-21.92	-604.1	1,266.4	284.6	248.2	36.49	7.801	
6,400.0	6,245.8	6,373.0	6,163.2	27.1	31.7	-21.99	-617.5	1,293.1	288.4	251.2	37.22	7.750	
6,411.5	6,256.8	6,384.5	6,174.2	27.2	31.7	-22.00	-619.0	1,296.2	288.9	251.6	37.30	7.744	
6,450.0	6,294.1	6,422.9	6,210.9	27.4	32.0	-11.25	-624.1	1,306.5	290.4	252.9	37.54	7.737	
6,500.0	6,342.6	6,472.7	6,258.3	27.6	32.3	5.44	-630.8	1,319.8	292.9	255.3	37.62	7.787	
6,550.0	6,391.2	6,525.1	6,308.5	27.8	32.6	22.91	-636.2	1,333.8	295.7	258.2	37.52	7.883	
6,600.0	6,439.7	6,578.3	6,359.8	27.9	32.8	38.25	-637.8	1,348.2	298.7	261.3	37.40	7.985	
6,650.0	6,487.6	6,632.1	6,411.5	28.1	33.0	50.40	-635.4	1,362.6	301.6	264.3	37.29	8.088	
6,700.0	6,534.9	6,686.4	6,463.4	28.2	33.2	59.65	-628.9	1,377.1	304.6	267.4	37.19	8.192	
6,750.0	6,581.3	6,741.2	6,515.1	28.3	33.4	66.66	-618.2	1,391.6	307.6	270.5	37.09	8.294	
6,800.0	6,626.5	6,796.4	6,566.4	28.3	33.5	72.04	-603.3	1,405.9	310.5	273.5	36.99	8.394	
6,850.0	6,670.5	6,852.2	6,616.8	28.4	33.7	76.25	-584.1	1,419.9	313.4	276.5	36.92	8.488	
6,900.0	6,712.8	6,908.4	6,666.0	28.4	33.7	79.60	-560.8	1,433.7	316.1	279.2	36.86	8.577	
6,950.0	6,753.4	6,965.0	6,713.7	28.4	33.8	82.29	-533.3	1,446.9	318.7	281.9	36.82	8.656	
7,000.0	6,792.0	7,021.9	6,759.4	28.4	33.8	84.46	-501.8	1,459.6	321.1	284.3	36.80	8.725	
7,050.0	6,828.4	7,079.2	6,802.7	28.3	33.8	86.22	-466.3	1,471.7	323.3	286.5	36.82	8.782	
7,100.0	6,862.5	7,136.8	6,843.4	28.3	33.8	87.64	-427.3	1,483.0	325.3	288.4	36.87	8.823	
7,150.0	6,894.1	7,194.6	6,881.1	28.3	33.8	88.76	-384.7	1,493.4	327.0	290.1	36.96	8.848	
7,200.0	6,923.1	7,252.6	6,915.5	28.2	33.8	89.64	-339.0	1,502.9	328.5	291.4	37.11	8.853	
7,250.0	6,949.3	7,310.6	6,946.2	28.1	33.7	90.29	-290.5	1,511.4	329.7	292.4	37.31	8.837	
7,300.0	6,972.5	7,368.8	6,973.1	28.1	33.7	90.75	-239.6	1,518.8	330.7	293.1	37.58	8.799	
7,350.0	6,992.7	7,426.9	6,995.9	28.0	33.6	91.02	-186.5	1,525.1	331.3	293.4	37.91	8.740	
7,400.0	7,009.8	7,484.9	7,014.5	27.9	33.5	91.12	-131.8	1,530.2	331.7	293.4	38.31	8.658	
7,450.0	7,023.7	7,542.8	7,028.8	27.9	33.4	91.07	-75.8	1,534.0	331.7	293.0	38.78	8.555	
7,500.0	7,034.2	7,600.6	7,038.6	27.8	33.4	90.87	-19.0	1,536.6	331.5	292.2	39.32	8.433	
7,550.0	7,041.5	7,658.0	7,043.9	27.8	33.3	90.53	38.2	1,538.0	331.1	291.2	39.93	8.292	
7,600.0	7,045.3	7,713.7	7,044.9	27.7	33.2	90.08	93.9	1,538.1	330.4	289.8	40.59	8.140	
7,636.5	7,046.0	7,750.1	7,044.7	27.7	33.2	89.95	130.3	1,538.0	330.2	289.2	41.03	8.047	
7,700.0	7,045.6	7,813.7	7,044.3	27.7	33.1	89.95	193.9	1,537.7	330.2	288.5	41.72	7.914	
7,800.0	7,045.0	7,913.7	7,043.7	27.7	33.1	89.95	293.9	1,537.3	330.2	287.2	43.00	7.679	
7,900.0	7,044.4	8,013.7	7,043.1	27.9	33.2	89.95	393.9	1,536.9	330.2	285.6	44.57	7.408	
8,000.0	7,043.8	8,113.7	7,042.5	28.3	33.4	89.95	493.9	1,536.5	330.2	283.8	46.41	7.114	
8,100.0	7,043.2	8,213.7	7,041.9	28.8	33.7	89.95	593.9	1,536.1	330.2	281.7	48.49	6.809	
8,200.0	7,042.6	8,313.7	7,041.3	29.6	34.2	89.95	693.9	1,535.7	330.2	279.4	50.77	6.503	
8,300.0	7,041.9	8,413.7	7,040.7	30.5	34.8	89.95	793.8	1,535.3	330.2	277.0	53.24	6.202	
8,400.0	7,041.3	8,513.7	7,040.0	31.5	35.5	89.95	893.8	1,534.9	330.2	274.3	55.86	5.911	
8,500.0	7,040.7	8,613.7	7,039.4	32.7	36.4	89.95	993.8	1,534.5	330.2	271.6	58.61	5.634	
8,600.0	7,040.1	8,713.7	7,038.8	33.9	37.4	89.95	1,093.8	1,534.1	330.2	268.7	61.48	5.370	
8,700.0	7,039.5	8,813.7	7,038.2	35.3	38.5	89.95	1,193.8	1,533.7	330.2	265.7	64.46	5.123	
8,800.0	7,038.9	8,913.7	7,037.6	36.7	39.7	89.95	1,293.8	1,533.3	330.2	262.7	67.52	4.890	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
8,900.0	7,038.3	9,013.7	7,037.0	38.1	41.0	89.95	1,393.8	1,532.9	330.2	259.5	70.66	4.673	
9,000.0	7,037.7	9,113.7	7,036.4	39.7	42.3	89.95	1,493.8	1,532.5	330.2	256.3	73.87	4.470	
9,100.0	7,037.1	9,213.7	7,035.8	41.2	43.7	89.95	1,593.8	1,532.1	330.2	253.1	77.13	4.281	
9,200.0	7,036.4	9,313.7	7,035.2	42.8	45.2	89.95	1,693.8	1,531.7	330.2	249.8	80.45	4.105	
9,300.0	7,035.8	9,413.7	7,034.6	44.4	46.7	89.95	1,793.8	1,531.3	330.2	246.4	83.81	3.940	
9,400.0	7,035.2	9,513.7	7,033.9	46.0	48.2	89.95	1,893.8	1,530.9	330.2	243.0	87.21	3.786	
9,500.0	7,034.6	9,613.7	7,033.3	47.6	49.8	89.95	1,993.8	1,530.5	330.2	239.6	90.64	3.643	
9,600.0	7,034.0	9,713.7	7,032.7	49.3	51.3	89.95	2,093.8	1,530.1	330.2	236.1	94.11	3.509	
9,700.0	7,033.4	9,813.7	7,032.1	51.0	53.0	89.95	2,193.8	1,529.7	330.2	232.6	97.61	3.383	
9,800.0	7,032.8	9,913.7	7,031.5	52.7	54.6	89.95	2,293.8	1,529.3	330.2	229.1	101.13	3.265	
9,900.0	7,032.2	10,013.7	7,030.9	54.4	56.3	89.95	2,393.8	1,528.9	330.2	225.5	104.68	3.154	
10,000.0	7,031.6	10,113.7	7,030.3	56.1	57.9	89.95	2,493.8	1,528.5	330.2	222.0	108.24	3.051	
10,100.0	7,031.0	10,213.7	7,029.7	57.9	59.6	89.95	2,593.8	1,528.1	330.2	218.4	111.83	2.953	
10,200.0	7,030.3	10,313.7	7,029.1	59.6	61.3	89.95	2,693.8	1,527.7	330.2	214.8	115.43	2.861	
10,300.0	7,029.7	10,413.7	7,028.4	61.4	63.0	89.95	2,793.8	1,527.3	330.2	211.2	119.04	2.774	
10,400.0	7,029.1	10,513.7	7,027.8	63.2	64.8	89.95	2,893.8	1,526.9	330.2	207.5	122.67	2.692	
10,500.0	7,028.5	10,613.7	7,027.2	65.0	66.5	89.95	2,993.8	1,526.5	330.2	203.9	126.32	2.614	
10,600.0	7,027.9	10,713.7	7,026.6	66.7	68.2	89.95	3,093.8	1,526.1	330.2	200.2	129.97	2.541	
10,700.0	7,027.3	10,813.7	7,026.0	68.5	70.0	89.95	3,193.8	1,525.7	330.2	196.6	133.64	2.471	
10,800.0	7,026.7	10,913.7	7,025.4	70.3	71.8	89.95	3,293.8	1,525.3	330.2	192.9	137.31	2.405	
10,900.0	7,026.1	11,013.7	7,024.8	72.1	73.5	89.95	3,393.8	1,524.9	330.2	189.2	141.00	2.342	
11,000.0	7,025.5	11,113.7	7,024.2	74.0	75.3	89.95	3,493.8	1,524.5	330.2	185.5	144.69	2.282	
11,100.0	7,024.8	11,213.7	7,023.6	75.8	77.1	89.95	3,593.8	1,524.1	330.2	181.8	148.39	2.225	
11,200.0	7,024.2	11,313.7	7,022.9	77.6	78.9	89.95	3,693.8	1,523.7	330.2	178.1	152.10	2.171	
11,300.0	7,023.6	11,413.7	7,022.3	79.4	80.7	89.95	3,793.8	1,523.3	330.2	174.4	155.82	2.119	
11,400.0	7,023.0	11,513.7	7,021.7	81.3	82.5	89.95	3,893.8	1,522.9	330.2	170.7	159.54	2.070	
11,500.0	7,022.4	11,613.7	7,021.1	83.1	84.3	89.95	3,993.8	1,522.5	330.2	166.9	163.26	2.022	
11,600.0	7,021.8	11,713.7	7,020.5	84.9	86.1	89.95	4,093.8	1,522.1	330.2	163.2	167.00	1.977	
11,649.0	7,021.5	11,762.6	7,020.2	85.8	87.0	89.95	4,142.7	1,521.9	330.2	161.4	168.82	1.956	
11,691.1	7,021.2	11,775.0	7,020.1	86.6	87.2	89.95	4,155.1	1,521.8	331.5	161.7	169.84	1.952 SF	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)													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		
0.0	0.0	0.0	0.0	0.0	0.0	59.31	23.0	38.7	45.0					
100.0	100.0	99.0	99.0	0.1	0.1	59.31	23.0	38.7	45.0	44.8	0.22	201.135		
200.0	200.0	199.0	199.0	0.3	0.3	59.31	23.0	38.7	45.0	44.3	0.67	66.934		
300.0	300.0	299.0	299.0	0.6	0.6	59.31	23.0	38.7	45.0	43.9	1.12	40.106		
400.0	400.0	399.0	399.0	0.8	0.8	59.31	23.0	38.7	45.0	43.4	1.57	28.631		
500.0	500.0	499.0	499.0	1.0	1.0	59.31	23.0	38.7	45.0	43.0	2.02	22.262		
600.0	600.0	599.0	599.0	1.2	1.2	59.31	23.0	38.7	45.0	42.5	2.47	18.210		
700.0	700.0	699.0	699.0	1.5	1.5	59.31	23.0	38.7	45.0	42.1	2.92	15.407		
800.0	800.0	799.0	799.0	1.7	1.7	59.31	23.0	38.7	45.0	41.6	3.37	13.351		
900.0	900.0	899.0	899.0	1.9	1.9	59.31	23.0	38.7	45.0	41.2	3.82	11.779		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	59.31	23.0	38.7	45.0	40.7	4.27	10.539 CC, ES		
1,100.0	1,100.0	1,098.1	1,098.0	2.4	2.3	61.00	22.3	40.2	46.0	41.3	4.70	9.794		
1,200.0	1,200.0	1,196.9	1,196.7	2.6	2.5	65.67	20.3	44.9	49.3	44.2	5.11	9.647		
1,300.0	1,300.0	1,295.2	1,294.7	2.8	2.7	72.11	17.0	52.7	55.5	50.0	5.54	10.023		
1,400.0	1,400.0	1,392.8	1,391.6	3.0	3.0	78.92	12.4	63.4	65.1	59.1	5.97	10.891		
1,500.0	1,500.0	1,489.6	1,487.2	3.3	3.2	85.10	6.6	77.1	78.3	71.8	6.42	12.183		
1,600.0	1,600.0	1,585.2	1,581.1	3.5	3.5	90.23	-0.4	93.5	95.2	88.3	6.90	13.799		
1,700.0	1,700.0	1,679.9	1,673.5	3.7	3.9	-25.73	-8.5	112.6	114.2	106.9	7.28	15.690		
1,800.0	1,799.8	1,774.0	1,764.6	3.9	4.2	-23.13	-17.7	134.3	133.5	125.8	7.68	17.379		
1,900.0	1,899.5	1,867.5	1,854.3	4.1	4.7	-21.33	-28.1	158.6	152.9	144.8	8.09	18.892		
2,000.0	1,998.7	1,960.4	1,942.5	4.3	5.2	-20.06	-39.5	185.4	172.3	163.8	8.52	20.237		
2,100.0	2,097.5	2,056.0	2,032.4	4.5	5.8	-19.18	-52.2	215.3	191.2	182.3	8.96	21.349		
2,200.0	2,195.6	2,154.7	2,125.2	4.8	6.4	-18.73	-65.5	246.5	207.2	197.8	9.42	21.996		
2,300.0	2,293.1	2,253.9	2,218.3	5.1	7.0	-18.64	-78.8	277.8	219.9	210.0	9.90	22.207		
2,370.8	2,361.6	2,324.4	2,284.5	5.4	7.5	-18.76	-88.3	300.0	226.9	216.7	10.26	22.119		
2,400.0	2,389.7	2,353.4	2,311.8	5.5	7.7	-18.86	-92.2	309.2	229.5	219.1	10.43	22.012		
2,500.0	2,486.1	2,453.0	2,405.4	5.9	8.4	-19.17	-105.6	340.6	238.2	227.2	11.01	21.647		
2,600.0	2,582.5	2,552.7	2,499.0	6.4	9.1	-19.46	-118.9	372.0	247.0	235.4	11.60	21.286		
2,700.0	2,678.9	2,652.3	2,592.5	6.8	9.8	-19.73	-132.3	403.5	255.8	243.5	12.22	20.935		
2,800.0	2,775.3	2,751.9	2,686.1	7.3	10.5	-19.98	-145.7	434.9	264.5	251.7	12.84	20.595		
2,900.0	2,871.7	2,851.5	2,779.7	7.8	11.2	-20.21	-159.1	466.3	273.3	259.8	13.48	20.269		
3,000.0	2,968.1	2,951.1	2,873.2	8.3	11.9	-20.43	-172.5	497.8	282.1	267.9	14.13	19.957		
3,100.0	3,064.5	3,050.7	2,966.8	8.8	12.6	-20.64	-185.8	529.2	290.9	276.1	14.79	19.660		
3,200.0	3,160.9	3,150.3	3,060.4	9.3	13.3	-20.84	-199.2	560.6	299.6	284.2	15.46	19.377		
3,300.0	3,257.3	3,249.9	3,153.9	9.8	14.0	-21.02	-212.6	592.1	308.4	292.3	16.14	19.108		
3,400.0	3,353.7	3,349.5	3,247.5	10.4	14.7	-21.19	-226.0	623.5	317.2	300.4	16.83	18.853		
3,500.0	3,450.1	3,449.1	3,341.1	10.9	15.5	-21.36	-239.4	654.9	326.0	308.5	17.52	18.611		
3,600.0	3,546.5	3,548.7	3,434.6	11.4	16.2	-21.52	-252.7	686.4	334.8	316.6	18.21	18.382		
3,700.0	3,642.9	3,648.3	3,528.2	12.0	16.9	-21.66	-266.1	717.8	343.6	324.7	18.92	18.165		
3,800.0	3,739.3	3,748.0	3,621.8	12.5	17.6	-21.80	-279.5	749.2	352.4	332.8	19.62	17.959		
3,900.0	3,835.7	3,847.6	3,715.3	13.1	18.4	-21.94	-292.9	780.7	361.2	340.9	20.33	17.763		
4,000.0	3,932.1	3,947.2	3,808.9	13.6	19.1	-22.06	-306.3	812.1	370.0	349.0	21.05	17.577		
4,100.0	4,028.5	4,046.8	3,902.5	14.2	19.8	-22.19	-319.6	843.5	378.8	357.1	21.77	17.401		
4,200.0	4,124.9	4,146.4	3,996.0	14.7	20.5	-22.30	-333.0	875.0	387.6	365.1	22.49	17.233		
4,300.0	4,221.3	4,246.0	4,089.6	15.3	21.3	-22.41	-346.4	906.4	396.4	373.2	23.22	17.074		
4,400.0	4,317.7	4,345.6	4,183.2	15.8	22.0	-22.52	-359.8	937.8	405.3	381.3	23.95	16.922		
4,500.0	4,414.1	4,445.2	4,276.7	16.4	22.7	-22.62	-373.2	969.3	414.1	389.4	24.68	16.777		
4,600.0	4,510.5	4,544.8	4,370.3	17.0	23.4	-22.72	-386.6	1,000.7	422.9	397.5	25.42	16.639		
4,700.0	4,606.9	4,644.4	4,463.9	17.5	24.2	-22.81	-399.9	1,032.1	431.7	405.5	26.15	16.507		
4,800.0	4,703.3	4,744.0	4,557.4	18.1	24.9	-22.90	-413.3	1,063.5	440.5	413.6	26.89	16.381		
4,900.0	4,799.7	4,843.6	4,651.0	18.6	25.6	-22.99	-426.7	1,095.0	449.3	421.7	27.63	16.261		
5,000.0	4,896.1	4,943.3	4,744.6	19.2	26.4	-23.07	-440.1	1,126.4	458.1	429.8	28.38	16.146		

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
5,100.0	4,992.5	5,042.9	4,838.1	19.8	27.1	-23.15	-453.5	1,157.8	467.0	437.8	29.12	16.036	
5,200.0	5,088.9	5,142.5	4,931.7	20.3	27.8	-23.22	-466.8	1,189.3	475.8	445.9	29.87	15.930	
5,300.0	5,185.3	5,242.1	5,025.3	20.9	28.6	-23.30	-480.2	1,220.7	484.6	454.0	30.61	15.829	
5,400.0	5,281.7	5,341.7	5,118.8	21.5	29.3	-23.37	-493.6	1,252.1	493.4	462.1	31.36	15.732	
5,500.0	5,378.1	5,441.3	5,212.4	22.0	30.0	-23.44	-507.0	1,283.6	502.2	470.1	32.11	15.639	
5,600.0	5,474.5	5,540.9	5,306.0	22.6	30.8	-23.50	-520.4	1,315.0	511.1	478.2	32.87	15.549	
5,700.0	5,570.9	5,640.5	5,399.5	23.2	31.5	-23.57	-533.7	1,346.4	519.9	486.3	33.62	15.463	
5,800.0	5,667.3	5,740.1	5,493.1	23.7	32.2	-23.63	-547.1	1,377.9	528.7	494.3	34.38	15.380	
5,900.0	5,763.7	5,839.7	5,586.7	24.3	33.0	-23.69	-560.5	1,409.3	537.5	502.4	35.13	15.301	
6,000.0	5,860.1	5,939.3	5,680.2	24.9	33.7	-23.75	-573.9	1,440.7	546.4	510.5	35.89	15.224	
6,100.0	5,956.5	6,038.9	5,773.8	25.4	34.4	-23.80	-587.3	1,472.2	555.2	518.5	36.65	15.150	
6,200.0	6,052.9	6,138.6	5,867.4	26.0	35.2	-23.86	-600.6	1,503.6	564.0	526.6	37.40	15.078	
6,300.0	6,149.4	6,238.2	5,960.9	26.6	35.9	-23.91	-614.0	1,535.0	572.8	534.7	38.16	15.010	
6,400.0	6,245.8	6,337.8	6,054.5	27.1	36.6	-23.96	-627.4	1,566.5	581.7	542.7	38.93	14.943	
6,411.5	6,256.8	6,349.2	6,065.3	27.2	36.7	-23.97	-628.9	1,570.1	582.7	543.7	39.01	14.936	
6,450.0	6,294.1	6,387.6	6,101.3	27.4	37.0	-13.47	-634.1	1,582.2	586.2	546.8	39.37	14.890	
6,500.0	6,342.6	6,437.1	6,147.9	27.6	37.3	2.61	-640.7	1,597.8	591.0	551.3	39.68	14.895	
6,550.0	6,391.2	6,486.3	6,194.0	27.8	37.7	19.36	-647.3	1,613.3	596.1	556.3	39.84	14.964	
6,600.0	6,439.7	6,540.0	6,244.7	27.9	38.0	34.23	-652.5	1,630.3	601.6	561.7	39.87	15.086	
6,650.0	6,487.6	6,594.6	6,296.4	28.1	38.3	45.94	-653.7	1,647.7	607.0	567.2	39.89	15.219	
6,700.0	6,534.9	6,650.0	6,348.8	28.2	38.6	54.77	-650.6	1,665.3	612.5	572.6	39.88	15.361	
6,750.0	6,581.3	6,706.3	6,401.7	28.3	38.8	61.40	-643.2	1,683.0	618.0	578.1	39.85	15.509	
6,800.0	6,626.5	6,763.4	6,454.7	28.3	39.1	66.44	-631.1	1,700.7	623.3	583.5	39.80	15.660	
6,850.0	6,670.5	6,821.4	6,507.3	28.4	39.3	70.34	-614.4	1,718.2	628.6	588.8	39.76	15.811	
6,900.0	6,712.8	6,880.2	6,559.2	28.4	39.4	73.41	-592.9	1,735.6	633.6	593.9	39.71	15.957	
6,950.0	6,753.4	6,939.8	6,610.0	28.4	39.6	75.85	-566.6	1,752.5	638.5	598.8	39.67	16.096	
7,000.0	6,792.0	7,000.2	6,659.0	28.4	39.7	77.80	-535.5	1,768.8	643.0	603.4	39.64	16.223	
7,050.0	6,828.4	7,061.2	6,706.0	28.3	39.7	79.38	-499.8	1,784.4	647.3	607.6	39.63	16.334	
7,100.0	6,862.5	7,122.8	6,750.3	28.3	39.8	80.64	-459.6	1,799.0	651.2	611.5	39.65	16.423	
7,150.0	6,894.1	7,184.9	6,791.4	28.3	39.8	81.64	-415.1	1,812.7	654.7	615.0	39.71	16.488	
7,200.0	6,923.1	7,247.4	6,829.0	28.2	39.8	82.41	-366.8	1,825.1	657.7	617.9	39.81	16.524	
7,250.0	6,949.3	7,310.2	6,862.7	28.1	39.8	83.00	-314.9	1,836.1	660.4	620.4	39.96	16.525	
7,300.0	6,972.5	7,373.2	6,891.9	28.1	39.8	83.41	-260.0	1,845.7	662.5	622.4	40.18	16.489	
7,350.0	6,992.7	7,436.3	6,916.5	28.0	39.7	83.66	-202.5	1,853.7	664.2	623.8	40.46	16.416	
7,400.0	7,009.8	7,499.2	6,936.2	27.9	39.7	83.77	-143.0	1,860.0	665.4	624.6	40.81	16.305	
7,450.0	7,023.7	7,562.0	6,950.8	27.9	39.6	83.76	-82.2	1,864.7	666.2	624.9	41.24	16.152	
7,500.0	7,034.2	7,624.5	6,960.3	27.8	39.5	83.62	-20.6	1,867.6	666.4	624.7	41.75	15.963	
7,550.0	7,041.5	7,686.5	6,964.7	27.8	39.5	83.37	41.3	1,868.8	666.2	623.9	42.32	15.741	
7,600.0	7,045.3	7,741.3	6,964.9	27.7	39.4	83.12	96.1	1,868.6	665.7	622.7	42.91	15.512	
7,636.5	7,046.0	7,777.7	6,964.7	27.7	39.4	83.07	132.5	1,868.4	665.5	622.2	43.32	15.362	
7,700.0	7,045.6	7,841.3	6,964.4	27.7	39.3	83.07	196.1	1,868.0	665.3	621.3	44.02	15.114	
7,800.0	7,045.0	7,941.3	6,963.9	27.7	39.3	83.08	296.1	1,867.4	665.1	619.8	45.31	14.681	
7,900.0	7,044.4	8,041.3	6,963.4	27.9	39.3	83.09	396.1	1,866.8	664.9	618.1	46.87	14.188	
8,000.0	7,043.8	8,141.3	6,962.9	28.3	39.4	83.10	496.1	1,866.2	664.7	616.0	48.68	13.656	
8,100.0	7,043.2	8,241.3	6,962.4	28.8	39.6	83.11	596.1	1,865.6	664.5	613.8	50.71	13.104	
8,200.0	7,042.6	8,341.3	6,961.9	29.6	39.9	83.12	696.1	1,865.1	664.3	611.4	52.95	12.547	
8,300.0	7,041.9	8,441.3	6,961.4	30.5	40.3	83.12	796.0	1,864.5	664.1	608.8	55.35	11.998	
8,400.0	7,041.3	8,541.3	6,960.9	31.5	40.8	83.13	896.0	1,863.9	663.9	606.0	57.91	11.464	
8,500.0	7,040.7	8,641.3	6,960.5	32.7	41.3	83.14	996.0	1,863.3	663.7	603.1	60.61	10.951	
8,600.0	7,040.1	8,741.3	6,960.0	33.9	42.0	83.15	1,096.0	1,862.7	663.5	600.1	63.42	10.463	
8,700.0	7,039.5	8,841.3	6,959.5	35.3	42.9	83.16	1,196.0	1,862.1	663.3	597.0	66.33	10.000	
8,800.0	7,038.9	8,941.3	6,959.0	36.7	43.8	83.17	1,296.0	1,861.5	663.1	593.8	69.32	9.565	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
8,900.0	7,038.3	9,041.3	6,958.5	38.1	44.8	83.18	1,396.0	1,860.9	662.9	590.5	72.40	9.156	
9,000.0	7,037.7	9,141.3	6,958.0	39.7	45.9	83.18	1,496.0	1,860.3	662.7	587.1	75.55	8.772	
9,100.0	7,037.1	9,241.3	6,957.5	41.2	47.1	83.19	1,596.0	1,859.7	662.5	583.7	78.75	8.412	
9,200.0	7,036.4	9,341.3	6,957.0	42.8	48.3	83.20	1,696.0	1,859.1	662.3	580.3	82.01	8.075	
9,300.0	7,035.8	9,441.3	6,956.6	44.4	49.6	83.21	1,796.0	1,858.5	662.1	576.7	85.31	7.760	
9,400.0	7,035.2	9,541.3	6,956.1	46.0	51.0	83.22	1,896.0	1,857.9	661.9	573.2	88.66	7.465	
9,500.0	7,034.6	9,641.3	6,955.6	47.6	52.4	83.23	1,996.0	1,857.3	661.6	569.6	92.04	7.188	
9,600.0	7,034.0	9,741.3	6,955.1	49.3	53.9	83.24	2,096.0	1,856.7	661.4	566.0	95.46	6.929	
9,700.0	7,033.4	9,841.3	6,954.6	51.0	55.4	83.24	2,196.0	1,856.2	661.2	562.3	98.91	6.685	
9,800.0	7,032.8	9,941.3	6,954.1	52.7	56.9	83.25	2,296.0	1,855.6	661.0	558.6	102.38	6.456	
9,900.0	7,032.2	10,041.3	6,953.6	54.4	58.5	83.26	2,396.0	1,855.0	660.8	554.9	105.88	6.241	
10,000.0	7,031.6	10,141.3	6,953.1	56.1	60.1	83.27	2,496.0	1,854.4	660.6	551.2	109.40	6.039	
10,100.0	7,031.0	10,241.3	6,952.6	57.9	61.7	83.28	2,596.0	1,853.8	660.4	547.5	112.94	5.847	
10,200.0	7,030.3	10,341.3	6,952.2	59.6	63.3	83.29	2,696.0	1,853.2	660.2	543.7	116.50	5.667	
10,300.0	7,029.7	10,441.3	6,951.7	61.4	64.9	83.30	2,796.0	1,852.6	660.0	539.9	120.07	5.497	
10,400.0	7,029.1	10,541.3	6,951.2	63.2	66.6	83.30	2,896.0	1,852.0	659.8	536.1	123.66	5.335	
10,500.0	7,028.5	10,641.3	6,950.7	65.0	68.3	83.31	2,996.0	1,851.4	659.6	532.3	127.27	5.183	
10,600.0	7,027.9	10,741.3	6,950.2	66.7	70.0	83.32	3,096.0	1,850.8	659.4	528.5	130.88	5.038	
10,700.0	7,027.3	10,841.3	6,949.7	68.5	71.7	83.33	3,196.0	1,850.2	659.2	524.7	134.51	4.901	
10,800.0	7,026.7	10,941.3	6,949.2	70.3	73.4	83.34	3,296.0	1,849.6	659.0	520.8	138.15	4.770	
10,900.0	7,026.1	11,041.3	6,948.7	72.1	75.1	83.35	3,396.0	1,849.0	658.8	517.0	141.80	4.646	
11,000.0	7,025.5	11,141.3	6,948.2	74.0	76.9	83.36	3,496.0	1,848.4	658.6	513.1	145.46	4.528	
11,100.0	7,024.8	11,241.3	6,947.8	75.8	78.6	83.36	3,596.0	1,847.8	658.4	509.2	149.12	4.415	
11,200.0	7,024.2	11,341.3	6,947.3	77.6	80.4	83.37	3,696.0	1,847.2	658.2	505.4	152.80	4.307	
11,300.0	7,023.6	11,441.3	6,946.8	79.4	82.1	83.38	3,796.0	1,846.7	658.0	501.5	156.48	4.205	
11,400.0	7,023.0	11,541.3	6,946.3	81.3	83.9	83.39	3,895.9	1,846.1	657.8	497.6	160.17	4.107	
11,500.0	7,022.4	11,641.3	6,945.8	83.1	85.7	83.40	3,995.9	1,845.5	657.5	493.7	163.86	4.013	
11,600.0	7,021.8	11,741.3	6,945.3	84.9	87.5	83.41	4,095.9	1,844.9	657.3	489.8	167.56	3.923	
11,623.7	7,021.6	11,765.0	6,945.2	85.4	87.9	83.41	4,119.7	1,844.7	657.3	488.9	168.44	3.902	
11,691.1	7,021.2	11,775.1	6,945.1	86.6	88.1	83.41	4,129.8	1,844.7	659.6	489.8	169.88	3.883 SF	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix Q-29HN - Wellbore #1 - Plan #1 (11-06-14)													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		
0.0	0.0	0.0	0.0	0.0	0.0	59.28	30.6	51.5	59.9					
100.0	100.0	99.0	99.0	0.1	0.1	59.28	30.6	51.5	59.9	59.7	0.22	267.783		
200.0	200.0	199.0	199.0	0.3	0.3	59.28	30.6	51.5	59.9	59.2	0.67	89.113		
300.0	300.0	299.0	299.0	0.6	0.6	59.28	30.6	51.5	59.9	58.8	1.12	53.396		
400.0	400.0	399.0	399.0	0.8	0.8	59.28	30.6	51.5	59.9	58.3	1.57	38.118		
500.0	500.0	499.0	499.0	1.0	1.0	59.28	30.6	51.5	59.9	57.9	2.02	29.638		
600.0	600.0	599.0	599.0	1.2	1.2	59.28	30.6	51.5	59.9	57.4	2.47	24.244		
700.0	700.0	699.0	699.0	1.5	1.5	59.28	30.6	51.5	59.9	57.0	2.92	20.512		
800.0	800.0	799.0	799.0	1.7	1.7	59.28	30.6	51.5	59.9	56.5	3.37	17.775 CC, ES		
900.0	900.0	897.7	897.7	1.9	1.9	60.51	30.0	53.0	60.9	57.2	3.80	16.047		
1,000.0	1,000.0	996.1	996.0	2.1	2.1	63.98	28.2	57.8	64.3	60.1	4.22	15.256		
1,100.0	1,100.0	1,094.1	1,093.6	2.4	2.3	68.98	25.2	65.6	70.5	65.8	4.64	15.169 SF		
1,200.0	1,200.0	1,191.4	1,190.2	2.6	2.5	74.60	21.0	76.4	79.8	74.7	5.08	15.693		
1,300.0	1,300.0	1,287.8	1,285.5	2.8	2.8	80.07	15.8	90.2	92.5	87.0	5.54	16.720		
1,400.0	1,400.0	1,383.1	1,379.1	3.0	3.1	84.94	9.5	106.7	109.0	103.0	6.01	18.127		
1,500.0	1,500.0	1,477.2	1,470.9	3.3	3.5	89.03	2.1	125.9	129.0	122.5	6.52	19.788		
1,600.0	1,600.0	1,569.7	1,560.5	3.5	3.8	92.38	-6.1	147.5	152.6	145.5	7.06	21.593		
1,700.0	1,700.0	1,661.1	1,648.2	3.7	4.3	-24.75	-15.3	171.4	177.9	170.6	7.34	24.248		
1,800.0	1,799.8	1,751.8	1,734.4	3.9	4.8	-22.85	-25.4	197.8	203.5	195.7	7.76	26.220		
1,900.0	1,899.5	1,841.7	1,818.9	4.1	5.4	-21.50	-36.4	226.4	229.0	220.8	8.19	27.965		
2,000.0	1,998.7	1,932.2	1,902.9	4.3	6.0	-20.51	-48.3	257.7	254.3	245.7	8.64	29.452		
2,100.0	2,097.5	2,029.4	1,992.8	4.5	6.7	-19.86	-61.5	292.2	277.6	268.5	9.11	30.478		
2,200.0	2,195.6	2,127.3	2,083.4	4.8	7.4	-19.53	-74.8	327.0	297.7	288.1	9.60	31.005		
2,300.0	2,293.1	2,225.9	2,174.6	5.1	8.2	-19.47	-88.2	362.0	314.6	304.5	10.12	31.091		
2,370.8	2,361.6	2,296.0	2,239.4	5.4	8.7	-19.56	-97.8	387.0	324.6	314.1	10.50	30.915		
2,400.0	2,389.7	2,324.9	2,266.2	5.5	9.0	-19.64	-107.7	397.2	328.4	317.7	10.67	30.764		
2,500.0	2,486.1	2,424.1	2,357.9	5.9	9.7	-19.92	-115.2	432.5	341.3	330.1	11.28	30.255		
2,600.0	2,582.5	2,523.2	2,449.6	6.4	10.5	-20.17	-128.7	467.7	354.3	342.4	11.91	29.757		
2,700.0	2,678.9	2,622.4	2,541.2	6.8	11.3	-20.41	-142.1	502.9	367.3	354.7	12.55	29.275		
2,800.0	2,775.3	2,721.5	2,632.9	7.3	12.1	-20.63	-155.6	538.1	380.2	367.0	13.20	28.811		
2,900.0	2,871.7	2,820.7	2,724.6	7.8	12.9	-20.83	-169.1	573.4	393.2	379.3	13.86	28.367		
3,000.0	2,968.1	2,919.8	2,816.3	8.3	13.7	-21.02	-182.6	608.6	406.2	391.6	14.54	27.945		
3,100.0	3,064.5	3,018.9	2,908.0	8.8	14.5	-21.20	-196.0	643.8	419.2	403.9	15.22	27.543		
3,200.0	3,160.9	3,118.1	2,999.7	9.3	15.3	-21.37	-209.5	679.0	432.2	416.2	15.91	27.163		
3,300.0	3,257.3	3,217.2	3,091.4	9.8	16.1	-21.53	-223.0	714.3	445.1	428.5	16.61	26.802		
3,400.0	3,353.7	3,316.4	3,183.1	10.4	16.9	-21.68	-236.5	749.5	458.1	440.8	17.31	26.461		
3,500.0	3,450.1	3,415.5	3,274.8	10.9	17.7	-21.83	-250.0	784.7	471.1	453.1	18.03	26.137		
3,600.0	3,546.5	3,514.7	3,366.5	11.4	18.5	-21.96	-263.4	819.9	484.1	465.4	18.74	25.831		
3,700.0	3,642.9	3,613.8	3,458.2	12.0	19.3	-22.09	-276.9	855.2	497.1	477.7	19.46	25.542		
3,800.0	3,739.3	3,713.0	3,549.9	12.5	20.1	-22.21	-290.4	890.4	510.1	490.0	20.19	25.267		
3,900.0	3,835.7	3,812.1	3,641.5	13.1	20.9	-22.32	-303.9	925.6	523.2	502.2	20.92	25.007		
4,000.0	3,932.1	3,911.2	3,733.2	13.6	21.8	-22.43	-317.3	960.8	536.2	514.5	21.65	24.760		
4,100.0	4,028.5	4,010.4	3,824.9	14.2	22.6	-22.54	-330.8	996.0	549.2	526.8	22.39	24.525		
4,200.0	4,124.9	4,109.5	3,916.6	14.7	23.4	-22.64	-344.3	1,031.3	562.2	539.1	23.13	24.302		
4,300.0	4,221.3	4,208.7	4,008.3	15.3	24.2	-22.73	-357.8	1,066.5	575.2	551.3	23.88	24.091		
4,400.0	4,317.7	4,307.8	4,100.0	15.8	25.0	-22.82	-371.3	1,101.7	588.2	563.6	24.62	23.889		
4,500.0	4,414.1	4,407.0	4,191.7	16.4	25.8	-22.91	-384.7	1,136.9	601.2	575.9	25.37	23.697		
4,600.0	4,510.5	4,506.1	4,283.4	17.0	26.6	-22.99	-398.2	1,172.2	614.3	588.1	26.12	23.514		
4,700.0	4,606.9	4,605.3	4,375.1	17.5	27.4	-23.07	-411.7	1,207.4	627.3	600.4	26.88	23.340		
4,800.0	4,703.3	4,704.4	4,466.8	18.1	28.3	-23.15	-425.2	1,242.6	640.3	612.7	27.63	23.173		
4,900.0	4,799.7	4,803.6	4,558.5	18.6	29.1	-23.22	-438.6	1,277.8	653.3	624.9	28.39	23.014		
5,000.0	4,896.1	4,902.7	4,650.2	19.2	29.9	-23.29	-452.1	1,313.1	666.3	637.2	29.15	22.862		

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



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix Q-29HN - Wellbore #1 - Plan #1 (11-06-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	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	4,992.5	5,001.8	4,741.8	19.8	30.7	-23.36	-465.6	1,348.3	679.4	649.5	29.91	22.716	
5,200.0	5,088.9	5,101.0	4,833.5	20.3	31.5	-23.43	-479.1	1,383.5	692.4	661.7	30.67	22.576	
5,300.0	5,185.3	5,200.1	4,925.2	20.9	32.3	-23.49	-492.6	1,418.7	705.4	674.0	31.43	22.442	
5,400.0	5,281.7	5,299.3	5,016.9	21.5	33.1	-23.55	-506.0	1,454.0	718.4	686.2	32.20	22.314	
5,500.0	5,378.1	5,398.4	5,108.6	22.0	34.0	-23.61	-519.5	1,489.2	731.5	698.5	32.96	22.191	
5,600.0	5,474.5	5,497.6	5,200.3	22.6	34.8	-23.66	-533.0	1,524.4	744.5	710.8	33.73	22.072	
5,700.0	5,570.9	5,596.7	5,292.0	23.2	35.6	-23.72	-546.5	1,559.6	757.5	723.0	34.50	21.958	
5,800.0	5,667.3	5,695.9	5,383.7	23.7	36.4	-23.77	-559.9	1,594.9	770.6	735.3	35.27	21.849	
5,900.0	5,763.7	5,795.0	5,475.4	24.3	37.2	-23.82	-573.4	1,630.1	783.6	747.5	36.04	21.743	
6,000.0	5,860.1	5,894.1	5,567.1	24.9	38.0	-23.87	-586.9	1,665.3	796.6	759.8	36.81	21.642	



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Matrix 29- Pad Sec.29-T6N-R65W - Matrix R-29HN - Wellbore #1 - Plan #1 (10-08-14)											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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
0.0	0.0	0.0	0.0	0.0	0.0	59.36	38.2	64.6	75.1							
100.0	100.0	99.0	99.0	0.1	0.1	59.36	38.2	64.6	75.0	74.8	0.22	335.548				
200.0	200.0	199.0	199.0	0.3	0.3	59.36	38.2	64.6	75.0	74.4	0.67	111.663				
300.0	300.0	299.0	299.0	0.6	0.6	59.36	38.2	64.6	75.0	73.9	1.12	66.908				
400.0	400.0	399.0	399.0	0.8	0.8	59.36	38.2	64.6	75.0	73.5	1.57	47.764				
500.0	500.0	499.0	499.0	1.0	1.0	59.36	38.2	64.6	75.0	73.0	2.02	37.138				
600.0	600.0	599.0	599.0	1.2	1.2	59.36	38.2	64.6	75.0	72.6	2.47	30.380	CC, ES			
700.0	700.0	697.3	697.3	1.5	1.4	60.32	37.7	66.1	76.1	73.2	2.90	26.258				
800.0	800.0	795.4	795.3	1.7	1.6	63.07	36.0	70.8	79.5	76.2	3.32	23.948				
900.0	900.0	893.1	892.6	1.9	1.9	67.13	33.2	78.7	85.6	81.9	3.75	22.812				
1,000.0	1,000.0	990.0	988.8	2.1	2.1	71.89	29.3	89.5	94.7	90.5	4.19	22.581	SF			
1,100.0	1,100.0	1,086.1	1,083.8	2.4	2.4	76.75	24.3	103.3	107.2	102.5	4.65	23.041				
1,200.0	1,200.0	1,181.1	1,177.1	2.6	2.7	81.29	18.4	119.8	123.2	118.1	5.13	24.001				
1,300.0	1,300.0	1,274.8	1,268.5	2.8	3.1	85.28	11.5	139.0	142.8	137.1	5.64	25.289				
1,400.0	1,400.0	1,367.0	1,357.9	3.0	3.5	88.68	3.7	160.6	165.8	159.6	6.20	26.767				
1,500.0	1,500.0	1,457.7	1,444.9	3.3	3.9	91.52	-4.9	184.5	192.3	185.5	6.79	28.330				
1,600.0	1,600.0	1,546.6	1,529.5	3.5	4.5	93.87	-14.2	210.4	222.0	214.6	7.42	29.909				
1,700.0	1,700.0	1,634.2	1,611.9	3.7	5.0	-23.92	-24.3	238.3	253.4	245.9	7.45	33.997				
1,800.0	1,799.8	1,721.0	1,692.6	3.9	5.6	-22.41	-35.1	268.3	284.7	276.8	7.89	36.095				
1,900.0	1,899.5	1,807.7	1,772.3	4.1	6.3	-21.29	-46.7	300.6	315.9	307.5	8.33	37.899				
2,000.0	1,998.7	1,902.5	1,858.7	4.3	7.1	-20.45	-59.8	337.1	345.4	336.6	8.82	39.167				
2,100.0	2,097.5	1,998.9	1,946.7	4.5	7.9	-19.92	-73.2	374.2	371.8	362.5	9.32	39.900				
2,200.0	2,195.6	2,096.1	2,035.4	4.8	8.7	-19.65	-86.6	411.6	395.1	385.3	9.84	40.149				
2,300.0	2,293.1	2,194.1	2,124.8	5.1	9.5	-19.57	-100.2	449.3	415.1	404.8	10.39	39.975				
2,370.8	2,361.6	2,263.9	2,188.5	5.4	10.1	-19.63	-109.9	476.2	427.4	416.6	10.79	39.623				
2,400.0	2,389.7	2,292.6	2,214.7	5.5	10.4	-19.70	-113.9	487.3	432.1	421.1	10.97	39.404				
2,500.0	2,486.1	2,391.3	2,304.7	5.9	11.2	-19.93	-127.5	525.3	448.2	436.6	11.59	38.664				
2,600.0	2,582.5	2,490.0	2,394.8	6.4	12.1	-20.14	-141.2	563.3	464.4	452.2	12.24	37.954				
2,700.0	2,678.9	2,588.6	2,484.8	6.8	13.0	-20.34	-154.9	601.3	480.6	467.7	12.89	37.275				
2,800.0	2,775.3	2,687.3	2,574.8	7.3	13.8	-20.53	-168.5	639.3	496.7	483.2	13.56	36.631				
2,900.0	2,871.7	2,786.0	2,664.9	7.8	14.7	-20.71	-182.2	677.2	512.9	498.6	14.24	36.021				
3,000.0	2,968.1	2,884.7	2,754.9	8.3	15.6	-20.87	-195.9	715.2	529.1	514.1	14.93	35.444				
3,100.0	3,064.5	2,983.3	2,844.9	8.8	16.4	-21.03	-209.5	753.2	545.2	529.6	15.62	34.900				
3,200.0	3,160.9	3,082.0	2,935.0	9.3	17.3	-21.17	-223.2	791.2	561.4	545.1	16.33	34.387				
3,300.0	3,257.3	3,180.7	3,025.0	9.8	18.2	-21.31	-236.9	829.2	577.6	560.6	17.04	33.902				
3,400.0	3,353.7	3,279.3	3,115.0	10.4	19.1	-21.44	-250.6	867.2	593.8	576.0	17.75	33.446				
3,500.0	3,450.1	3,378.0	3,205.1	10.9	19.9	-21.57	-264.2	905.2	610.0	591.5	18.48	33.015				
3,600.0	3,546.5	3,476.7	3,295.1	11.4	20.8	-21.68	-277.9	943.2	626.2	607.0	19.20	32.608				
3,700.0	3,642.9	3,575.4	3,385.1	12.0	21.7	-21.80	-291.6	981.2	642.4	622.4	19.93	32.224				
3,800.0	3,739.3	3,674.0	3,475.2	12.5	22.6	-21.90	-305.2	1,019.2	658.6	637.9	20.67	31.861				
3,900.0	3,835.7	3,772.7	3,565.2	13.1	23.4	-22.00	-318.9	1,057.2	674.8	653.4	21.41	31.517				
4,000.0	3,932.1	3,871.4	3,655.2	13.6	24.3	-22.10	-332.6	1,095.2	691.0	668.8	22.15	31.192				
4,100.0	4,028.5	3,970.1	3,745.3	14.2	25.2	-22.19	-346.2	1,133.2	707.2	684.3	22.90	30.883				
4,200.0	4,124.9	4,068.7	3,835.3	14.7	26.1	-22.28	-359.9	1,171.1	723.4	699.7	23.65	30.591				
4,300.0	4,221.3	4,167.4	3,925.3	15.3	26.9	-22.36	-373.6	1,209.1	739.6	715.2	24.40	30.313				
4,400.0	4,317.7	4,266.1	4,015.4	15.8	27.8	-22.44	-387.2	1,247.1	755.8	730.6	25.15	30.049				
4,500.0	4,414.1	4,364.7	4,105.4	16.4	28.7	-22.52	-400.9	1,285.1	772.0	746.1	25.91	29.797				
4,600.0	4,510.5	4,463.4	4,195.4	17.0	29.6	-22.59	-414.6	1,323.1	788.2	761.5	26.67	29.558				

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix S-29HC - Wellbore #1 - Plan #1 (10-08-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
0.0	0.0	0.0	0.0	0.0	0.0	112.56	-62.3	150.0	162.4				
100.0	100.0	99.0	99.0	0.1	0.1	112.56	-62.3	150.0	162.4	162.2	0.22	726.292	
200.0	200.0	199.0	199.0	0.3	0.3	112.56	-62.3	150.0	162.4	161.8	0.67	241.695	
300.0	300.0	299.0	299.0	0.6	0.6	112.56	-62.3	150.0	162.4	161.3	1.12	144.823	
400.0	400.0	399.0	399.0	0.8	0.8	112.56	-62.3	150.0	162.4	160.9	1.57	103.386	
500.0	500.0	499.0	499.0	1.0	1.0	112.56	-62.3	150.0	162.4	160.4	2.02	80.386	
600.0	600.0	599.0	599.0	1.2	1.2	112.56	-62.3	150.0	162.4	160.0	2.47	65.757 CC, ES	
700.0	700.0	693.7	693.7	1.5	1.4	112.50	-62.7	151.5	164.0	161.1	2.89	56.711	
800.0	800.0	788.1	788.0	1.7	1.6	112.33	-64.1	155.9	168.9	165.6	3.31	51.040	
900.0	900.0	882.1	881.7	1.9	1.8	112.08	-66.2	163.3	177.1	173.3	3.74	47.334	
1,000.0	1,000.0	975.5	974.5	2.1	2.1	111.76	-69.3	173.6	188.5	184.3	4.19	44.955	
1,100.0	1,100.0	1,068.2	1,066.1	2.4	2.3	111.40	-73.1	186.6	203.1	198.4	4.67	43.493	
1,200.0	1,200.0	1,159.8	1,156.2	2.6	2.6	111.03	-77.8	202.3	220.9	215.7	5.18	42.669	
1,300.0	1,300.0	1,250.3	1,244.7	2.8	3.0	110.66	-83.1	220.5	241.8	236.1	5.72	42.291	
1,400.0	1,400.0	1,339.5	1,331.3	3.0	3.4	110.31	-89.2	241.0	265.8	259.5	6.29	42.227	
1,500.0	1,500.0	1,427.2	1,415.8	3.3	3.8	109.99	-95.9	263.7	292.7	285.8	6.91	42.384	
1,600.0	1,600.0	1,513.4	1,498.0	3.5	4.3	109.69	-103.2	288.5	322.6	315.0	7.56	42.699	
1,700.0	1,700.0	1,600.0	1,579.8	3.7	4.8	-10.36	-111.3	315.7	353.7	346.4	7.26	48.729	
1,800.0	1,799.8	1,682.7	1,657.1	3.9	5.4	-10.60	-119.6	343.9	384.3	376.7	7.67	50.106	
1,900.0	1,899.5	1,766.4	1,734.4	4.1	6.0	-10.90	-128.7	374.6	414.5	406.4	8.10	51.199	
2,000.0	1,998.7	1,855.5	1,815.8	4.3	6.7	-11.26	-139.0	409.3	443.9	435.4	8.54	51.953	
2,100.0	2,097.5	1,951.8	1,903.7	4.5	7.5	-11.69	-150.1	447.2	470.4	461.4	9.02	52.143	
2,200.0	2,195.6	2,049.0	1,992.3	4.8	8.3	-12.16	-161.4	485.3	493.7	484.1	9.51	51.903	
2,300.0	2,293.1	2,146.8	2,081.6	5.1	9.1	-12.67	-172.8	523.8	513.6	503.6	10.02	51.278	
2,370.8	2,361.6	2,216.5	2,145.1	5.4	9.7	-13.07	-180.9	551.2	525.8	515.4	10.38	50.632	
2,400.0	2,389.7	2,245.2	2,171.3	5.5	10.0	-13.26	-184.2	562.5	530.4	519.9	10.55	50.275	
2,500.0	2,486.1	2,343.7	2,261.2	5.9	10.8	-13.88	-195.7	601.2	546.5	535.4	11.13	49.094	
2,600.0	2,582.5	2,442.3	2,351.1	6.4	11.7	-14.47	-207.1	639.9	562.6	550.9	11.73	47.972	
2,700.0	2,678.9	2,540.8	2,441.0	6.8	12.6	-15.03	-218.6	678.6	578.7	566.4	12.34	46.908	
2,800.0	2,775.3	2,639.3	2,530.9	7.3	13.4	-15.56	-230.0	717.4	594.9	582.0	12.96	45.901	
2,900.0	2,871.7	2,737.9	2,620.7	7.8	14.3	-16.06	-241.5	756.1	611.2	597.6	13.60	44.949	
3,000.0	2,968.1	2,836.4	2,710.6	8.3	15.2	-16.53	-252.9	794.8	627.5	613.3	14.25	44.048	
3,100.0	3,064.5	2,935.0	2,800.5	8.8	16.0	-16.98	-264.4	833.5	643.8	628.9	14.90	43.197	
3,200.0	3,160.9	3,033.5	2,890.4	9.3	16.9	-17.41	-275.8	872.3	660.2	644.6	15.57	42.392	
3,300.0	3,257.3	3,132.0	2,980.3	9.8	17.8	-17.81	-287.3	911.0	676.6	660.4	16.25	41.631	
3,400.0	3,353.7	3,230.6	3,070.1	10.4	18.6	-18.20	-298.7	949.7	693.1	676.1	16.94	40.911	
3,500.0	3,450.1	3,329.1	3,160.0	10.9	19.5	-18.57	-310.1	988.4	709.5	691.9	17.64	40.230	
3,600.0	3,546.5	3,427.6	3,249.9	11.4	20.4	-18.92	-321.6	1,027.1	726.0	707.7	18.34	39.585	
3,700.0	3,642.9	3,526.2	3,339.8	12.0	21.3	-19.26	-333.0	1,065.9	742.5	723.5	19.05	38.973	
3,800.0	3,739.3	3,624.7	3,429.7	12.5	22.1	-19.58	-344.5	1,104.6	759.1	739.3	19.77	38.393	
3,900.0	3,835.7	3,723.2	3,519.5	13.1	23.0	-19.89	-355.9	1,143.3	775.6	755.1	20.50	37.843	
4,000.0	3,932.1	3,821.8	3,609.4	13.6	23.9	-20.18	-367.4	1,182.0	792.2	771.0	21.23	37.321 SF	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Matrix 29- Pad Sec.29-T6N-R65W - Matrix T-29HN - Wellbore #1 - Plan #1 (10-02-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	Warning
0.0	0.0	0.0	0.0	0.0	0.0	108.55	-54.6	162.8	171.7				
100.0	100.0	99.0	99.0	0.1	0.1	108.55	-54.6	162.8	171.7	171.5	0.22	767.886	
200.0	200.0	199.0	199.0	0.3	0.3	108.55	-54.6	162.8	171.7	171.1	0.67	255.536	CC, ES
300.0	300.0	293.4	293.4	0.6	0.5	108.54	-55.1	164.3	173.3	172.2	1.10	158.079	
400.0	400.0	387.5	387.4	0.8	0.7	108.48	-56.4	168.7	178.2	176.7	1.53	116.744	
500.0	500.0	481.2	480.7	1.0	1.0	108.40	-58.6	176.0	186.4	184.4	1.98	94.245	
600.0	600.0	574.3	573.2	1.2	1.2	108.30	-61.6	186.2	197.8	195.4	2.45	80.628	
700.0	700.0	666.6	664.6	1.5	1.5	108.18	-65.4	199.2	212.4	209.5	2.96	71.812	
800.0	800.0	758.0	754.5	1.7	1.9	108.06	-70.0	214.7	230.2	226.7	3.50	65.862	
900.0	900.0	848.2	842.7	1.9	2.2	107.94	-75.4	232.8	251.1	247.0	4.07	61.738	
1,000.0	1,000.0	937.1	929.0	2.1	2.7	107.82	-81.4	253.2	275.1	270.4	4.67	58.836	
1,100.0	1,100.0	1,024.6	1,013.3	2.4	3.1	107.72	-88.1	275.8	302.0	296.7	5.32	56.784	
1,200.0	1,200.0	1,110.6	1,095.3	2.6	3.6	107.62	-95.4	300.4	331.8	325.8	6.00	55.343	
1,300.0	1,300.0	1,200.0	1,179.8	2.8	4.2	107.52	-103.7	328.5	364.5	357.7	6.74	54.092	
1,400.0	1,400.0	1,277.4	1,252.2	3.0	4.8	107.45	-111.5	354.8	399.8	392.4	7.46	53.596	
1,500.0	1,500.0	1,358.1	1,326.8	3.3	5.4	107.37	-120.2	384.2	437.9	429.6	8.24	53.136	
1,600.0	1,600.0	1,440.8	1,402.4	3.5	6.1	107.31	-129.7	416.3	478.3	469.3	9.07	52.752	SF
1,700.0	1,700.0	1,532.6	1,486.1	3.7	6.9	-12.46	-140.4	452.5	517.9	510.3	7.56	68.503	
1,800.0	1,799.8	1,625.7	1,571.0	3.9	7.7	-12.47	-151.3	489.2	554.3	546.2	8.04	68.927	
1,900.0	1,899.5	1,720.0	1,657.0	4.1	8.5	-12.56	-162.3	526.4	587.5	578.9	8.54	68.809	
2,000.0	1,998.7	1,815.4	1,743.9	4.3	9.4	-12.70	-173.4	564.0	617.5	608.4	9.05	68.249	
2,100.0	2,097.5	1,911.7	1,831.7	4.5	10.2	-12.91	-184.7	601.9	644.2	634.6	9.57	67.322	
2,200.0	2,195.6	2,008.8	1,920.2	4.8	11.1	-13.18	-196.0	640.2	667.7	657.6	10.10	66.090	
2,300.0	2,293.1	2,106.6	2,009.4	5.1	12.0	-13.50	-207.4	678.8	687.8	677.2	10.65	64.597	
2,370.8	2,361.6	2,176.3	2,072.9	5.4	12.6	-13.77	-215.6	706.2	700.1	689.1	11.04	63.400	
2,400.0	2,389.7	2,205.0	2,099.0	5.5	12.8	-13.91	-218.9	717.5	704.9	693.7	11.22	62.847	
2,500.0	2,486.1	2,303.5	2,188.9	5.9	13.7	-14.37	-230.4	756.4	721.1	709.3	11.82	61.026	
2,600.0	2,582.5	2,402.0	2,278.7	6.4	14.6	-14.80	-241.9	795.2	737.4	724.9	12.43	59.324	
2,700.0	2,678.9	2,500.5	2,368.5	6.8	15.5	-15.22	-253.4	834.0	753.7	740.6	13.05	57.733	
2,800.0	2,775.3	2,599.0	2,458.3	7.3	16.3	-15.62	-264.9	872.8	770.0	756.4	13.69	56.244	
2,900.0	2,871.7	2,697.5	2,548.1	7.8	17.2	-16.01	-276.4	911.7	786.4	772.1	14.34	54.851	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 699- Moro Farms 31-29 Pad Sec.29-T6N-R65W - Moro Farms 31-29 - Wellbore #1 - Wellbore #1												<b>Offset Well Error:</b>	0.0 ft
Reference	Offset	Semi Major Axis		Distance									
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	Warning
11,000.0	7,025.5	7,258.0	7,023.3	74.0	31.2	-91.88	4,146.0	845.7	740.8	651.0	89.74	8.255	
11,100.0	7,024.8	7,256.8	7,022.1	75.8	31.2	-91.68	4,146.0	845.7	654.0	562.4	91.60	7.140	
11,200.0	7,024.2	7,255.6	7,020.9	77.6	31.2	-91.48	4,146.0	845.6	571.6	478.2	93.46	6.116	
11,300.0	7,023.6	7,254.4	7,019.7	79.4	31.2	-91.28	4,146.0	845.6	495.8	400.4	95.32	5.201	
11,400.0	7,023.0	7,253.2	7,018.5	81.3	31.2	-91.08	4,146.0	845.6	429.9	332.7	97.19	4.423	
11,500.0	7,022.4	7,252.0	7,017.2	83.1	31.2	-90.88	4,146.0	845.6	379.2	280.2	99.06	3.828	
11,600.0	7,021.8	7,250.8	7,016.0	84.9	31.2	-90.67	4,146.1	845.6	350.4	249.5	100.93	3.472	
11,655.0	7,021.5	7,250.1	7,015.3	85.9	31.1	-90.56	4,146.1	845.6	346.1	244.1	101.96	3.395 CC, ES	
11,691.1	7,021.2	7,249.6	7,014.9	86.6	31.1	-90.49	4,146.1	845.6	348.0	245.3	102.63	3.391 SF	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 606- Moro Farms 31-29 Pad Sec.29-T6N-R65W - Moro Farms CNE-29 - Wellbore #1 - Wellbore #1												<b>Offset Well Error:</b>	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	
10,300.0	7,029.7	7,157.0	7,022.7	61.4	23.6	93.03	3,565.7	1,329.7	784.5	708.7	75.77	10.353	
10,400.0	7,029.1	7,156.0	7,021.6	63.2	23.6	92.58	3,565.7	1,329.7	686.2	608.6	77.63	8.839	
10,500.0	7,028.5	7,154.9	7,020.6	65.0	23.6	92.13	3,565.7	1,329.6	588.6	509.1	79.50	7.403	
10,600.0	7,027.9	7,153.8	7,019.5	66.7	23.6	91.69	3,565.7	1,329.6	491.8	410.4	81.36	6.044	
10,700.0	7,027.3	7,152.8	7,018.4	68.5	23.6	91.24	3,565.7	1,329.6	396.6	313.4	83.23	4.765	
10,800.0	7,026.7	7,151.7	7,017.4	70.3	23.6	90.79	3,565.7	1,329.6	304.6	219.5	85.10	3.579	
10,900.0	7,026.1	7,150.7	7,016.3	72.1	23.6	90.34	3,565.7	1,329.6	219.6	132.6	86.97	2.525	
11,000.0	7,025.5	7,149.6	7,015.3	74.0	23.6	89.90	3,565.7	1,329.6	153.9	65.0	88.84	1.732	
11,072.8	7,025.0	7,148.8	7,014.5	75.3	23.6	89.57	3,565.7	1,329.6	135.6	45.4	90.20	1.503 CC, ES, SF	
11,100.0	7,024.8	7,148.5	7,014.2	75.8	23.6	89.45	3,565.7	1,329.6	138.3	47.6	90.70	1.525	
11,200.0	7,024.2	7,147.5	7,013.1	77.6	23.6	89.00	3,565.7	1,329.6	185.9	93.4	92.57	2.009	
11,300.0	7,023.6	7,146.4	7,012.1	79.4	23.6	88.55	3,565.8	1,329.6	264.6	170.2	94.43	2.802	
11,400.0	7,023.0	7,145.4	7,011.0	81.3	23.6	88.11	3,565.8	1,329.6	354.2	257.9	96.29	3.678	
11,500.0	7,022.4	7,144.3	7,010.0	83.1	23.6	87.66	3,565.8	1,329.6	448.2	350.1	98.15	4.567	
11,600.0	7,021.8	7,143.3	7,008.9	84.9	23.6	87.21	3,565.8	1,329.6	544.4	444.4	100.01	5.443	
11,691.1	7,021.2	7,142.3	7,007.9	86.6	23.6	86.81	3,565.8	1,329.6	633.0	531.3	101.69	6.225	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-												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	
2,900.0	2,871.7	2,857.2	2,857.2	7.8	6.3	-43.12	45.6	981.0	787.5	774.3	13.19	59.698	
3,000.0	2,968.1	2,953.6	2,953.6	8.3	6.5	-44.45	45.6	981.0	767.9	754.1	13.84	55.507	
3,100.0	3,064.5	3,050.0	3,050.0	8.8	6.7	-45.85	45.6	981.0	748.9	734.4	14.50	51.642	
3,200.0	3,160.9	3,146.4	3,146.4	9.3	7.0	-47.32	45.6	981.0	730.2	715.0	15.19	48.078	
3,300.0	3,257.3	3,242.8	3,242.8	9.8	7.2	-48.86	45.6	981.0	712.1	696.2	15.90	44.794	
3,400.0	3,353.7	3,339.2	3,339.2	10.4	7.4	-50.48	45.6	981.0	694.5	677.9	16.63	41.770	
3,500.0	3,450.1	3,435.6	3,435.6	10.9	7.6	-52.17	45.6	981.0	677.6	660.2	17.38	38.987	
3,600.0	3,546.5	3,532.0	3,532.0	11.4	7.8	-53.95	45.6	981.0	661.2	643.1	18.15	36.428	
3,700.0	3,642.9	3,628.4	3,628.4	12.0	8.0	-55.81	45.6	981.0	645.5	626.6	18.94	34.078	
3,800.0	3,739.3	3,724.8	3,724.8	12.5	8.3	-57.76	45.6	981.0	630.6	610.8	19.75	31.923	
3,900.0	3,835.7	3,821.2	3,821.2	13.1	8.5	-59.79	45.6	981.0	616.5	595.9	20.58	29.950	
4,000.0	3,932.1	3,917.6	3,917.6	13.6	8.7	-61.92	45.6	981.0	603.1	581.7	21.43	28.148	
4,100.0	4,028.5	4,014.0	4,014.0	14.2	8.9	-64.13	45.6	981.0	590.7	568.4	22.29	26.507	
4,200.0	4,124.9	4,110.4	4,110.4	14.7	9.1	-66.42	45.6	981.0	579.3	556.1	23.16	25.016	
4,300.0	4,221.3	4,206.8	4,206.8	15.3	9.3	-68.80	45.6	981.0	568.8	544.8	24.03	23.668	
4,400.0	4,317.7	4,303.2	4,303.2	15.8	9.6	-71.26	45.6	981.0	559.4	534.5	24.91	22.454	
4,500.0	4,414.1	4,399.6	4,399.6	16.4	9.8	-73.79	45.6	981.0	551.2	525.4	25.80	21.366	
4,600.0	4,510.5	4,496.0	4,496.0	17.0	10.0	-76.39	45.6	981.0	544.1	517.4	26.68	20.397	
4,700.0	4,606.9	4,592.4	4,592.4	17.5	10.2	-79.04	45.6	981.0	538.2	510.7	27.54	19.541	
4,800.0	4,703.3	4,688.8	4,688.8	18.1	10.4	-81.75	45.6	981.0	533.6	505.2	28.40	18.790	
4,900.0	4,799.7	4,785.2	4,785.2	18.6	10.6	-84.49	45.6	981.0	530.3	501.1	29.24	18.139	
5,000.0	4,896.1	4,881.6	4,881.6	19.2	10.9	-87.26	45.6	981.0	528.3	498.3	30.05	17.582	
5,098.7	4,991.3	4,976.8	4,976.8	19.8	11.1	-90.00	45.6	981.0	527.7	496.9	30.83	17.118	
5,100.0	4,992.5	4,978.0	4,978.0	19.8	11.1	-90.04	45.6	981.0	527.7	496.9	30.84	17.112	
5,200.0	5,088.9	5,074.4	5,074.4	20.3	11.3	-92.82	45.6	981.0	528.4	496.8	31.59	16.724	
5,300.0	5,185.3	5,170.8	5,170.8	20.9	11.5	-95.58	45.6	981.0	530.4	498.1	32.32	16.413	
5,400.0	5,281.7	5,267.2	5,267.2	21.5	11.7	-98.32	45.6	981.0	533.7	500.7	33.00	16.172	
5,500.0	5,378.1	5,363.6	5,363.6	22.0	11.9	-101.03	45.6	981.0	538.4	504.7	33.66	15.996	
5,600.0	5,474.5	5,460.0	5,460.0	22.6	12.2	-103.68	45.6	981.0	544.3	510.0	34.27	15.880	
5,700.0	5,570.9	5,556.4	5,556.4	23.2	12.4	-106.28	45.6	981.0	551.4	516.5	34.85	15.820	
5,800.0	5,667.3	5,652.8	5,652.8	23.7	12.6	-108.81	45.6	981.0	559.7	524.3	35.40	15.809	
5,900.0	5,763.7	5,749.2	5,749.2	24.3	12.8	-111.26	45.6	981.0	569.1	533.2	35.92	15.845	
6,000.0	5,860.1	5,845.6	5,845.6	24.9	13.0	-113.64	45.6	981.0	579.5	543.1	36.40	15.921	
6,100.0	5,956.5	5,942.0	5,942.0	25.4	13.2	-115.93	45.6	981.0	591.0	554.2	36.86	16.034	
6,200.0	6,052.9	6,038.4	6,038.4	26.0	13.5	-118.14	45.6	981.0	603.5	566.2	37.29	16.181	
6,300.0	6,149.4	6,134.9	6,134.9	26.6	13.7	-120.26	45.6	981.0	616.8	579.1	37.71	16.357	
6,400.0	6,245.8	6,231.3	6,231.3	27.1	13.9	-122.29	45.6	981.0	631.0	592.9	38.10	16.559	
6,411.5	6,256.8	6,242.3	6,242.3	27.2	13.9	-122.52	45.6	981.0	632.7	594.5	38.15	16.584	
6,450.0	6,294.1	6,279.6	6,279.6	27.4	14.0	-112.57	45.6	981.0	637.3	599.0	38.34	16.624	
6,500.0	6,342.6	6,328.1	6,328.1	27.6	14.1	-97.47	45.6	981.0	640.5	602.1	38.42	16.674	
6,550.0	6,391.2	6,376.7	6,376.7	27.8	14.2	-82.04	45.6	981.0	640.5	602.1	38.33	16.711	
6,600.0	6,439.7	6,425.2	6,425.2	27.9	14.3	-68.77	45.6	981.0	637.1	599.1	38.07	16.736	
6,650.0	6,487.6	6,473.1	6,473.1	28.1	14.4	-58.70	45.6	981.0	630.6	592.9	37.64	16.751	
6,700.0	6,534.9	6,520.4	6,520.4	28.2	14.5	-51.60	45.6	981.0	620.9	583.9	37.06	16.755	
6,750.0	6,581.3	6,566.8	6,566.8	28.3	14.6	-46.82	45.6	981.0	608.2	571.8	36.32	16.746	
6,800.0	6,626.5	6,612.0	6,612.0	28.3	14.7	-43.78	45.6	981.0	592.5	557.0	35.43	16.720	
6,850.0	6,670.5	6,656.0	6,656.0	28.4	14.8	-42.09	45.6	981.0	573.9	539.5	34.43	16.670	
6,900.0	6,712.8	6,698.3	6,698.3	28.4	14.9	-41.49	45.6	981.0	552.7	519.4	33.33	16.583	
6,950.0	6,753.4	6,738.9	6,738.9	28.4	15.0	-41.84	45.6	981.0	529.0	496.8	32.18	16.437	
7,000.0	6,792.0	6,777.5	6,777.5	28.4	15.1	-43.07	45.6	981.0	503.0	472.0	31.05	16.199	
7,050.0	6,828.4	6,813.9	6,813.9	28.3	15.2	-45.18	45.6	981.0	475.1	445.0	30.04	15.817	
7,100.0	6,862.5	6,848.0	6,848.0	28.3	15.3	-48.18	45.6	981.0	445.4	416.2	29.26	15.225	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Moro Farms CSE-29 Pad Sec.29-T6N-R65W - Moro Farms 34-29 (Vert.) - Wellbore #1 - Moro Farms 34											Offset Site Error:	0.0 ft	
Survey Program: 0-Reference		Offset		Semi Major Axis			Distance							Offset Well Error:	0.0 ft
Measured Depth 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	Warning		
7,150.0	6,894.1	6,879.6	6,879.6	28.3	15.4	-52.07	45.6	981.0	414.5	385.7	28.87	14.360			
7,200.0	6,923.1	6,908.6	6,908.6	28.2	15.4	-56.83	45.6	981.0	382.8	353.9	28.99	13.206			
7,250.0	6,949.3	6,934.8	6,934.8	28.1	15.5	-62.33	45.6	981.0	351.0	321.4	29.65	11.839			
7,300.0	6,972.5	6,958.0	6,958.0	28.1	15.5	-68.29	45.6	981.0	319.9	289.2	30.72	10.416			
7,350.0	6,992.7	6,978.2	6,978.2	28.0	15.6	-74.30	45.6	981.0	290.6	258.7	31.93	9.102			
7,400.0	7,009.8	6,995.3	6,995.3	27.9	15.6	-79.89	45.6	981.0	264.7	231.6	33.05	8.008			
7,450.0	7,023.7	7,009.2	7,009.2	27.9	15.6	-84.59	45.6	981.0	243.9	209.9	33.93	7.187			
7,500.0	7,034.2	7,019.7	7,019.7	27.8	15.7	-88.06	45.6	981.0	230.3	195.8	34.56	6.665			
7,547.2	7,041.1	7,026.6	7,026.6	27.8	15.7	-90.00	45.6	981.0	225.9	190.9	34.97	6.460 CC			
7,550.0	7,041.5	7,027.0	7,027.0	27.8	15.7	-90.07	45.6	981.0	225.9	190.9	34.99	6.456 ES, SF			
7,600.0	7,045.3	7,030.8	7,030.8	27.7	15.7	-90.54	45.6	981.0	231.5	196.2	35.31	6.558			
7,636.5	7,046.0	7,031.5	7,031.5	27.7	15.7	-89.87	45.6	981.0	241.6	206.2	35.47	6.813			
7,700.0	7,045.6	7,031.1	7,031.1	27.7	15.7	-89.77	45.6	981.0	270.0	234.2	35.82	7.538			
7,800.0	7,045.0	7,030.5	7,030.5	27.7	15.7	-89.62	45.6	981.0	334.9	298.4	36.47	9.182			
7,900.0	7,044.4	7,029.9	7,029.9	27.9	15.7	-89.47	45.6	981.0	413.9	376.7	37.27	11.107			
8,000.0	7,043.8	7,029.3	7,029.3	28.3	15.7	-89.31	45.6	981.0	500.6	462.4	38.20	13.104			
8,100.0	7,043.2	7,028.7	7,028.7	28.8	15.7	-89.16	45.6	981.0	591.4	552.2	39.25	15.068			
8,200.0	7,042.6	7,028.1	7,028.1	29.6	15.7	-89.00	45.6	981.0	684.8	644.4	40.40	16.950			
8,300.0	7,041.9	7,027.4	7,027.4	30.5	15.7	-88.85	45.6	981.0	779.9	738.2	41.65	18.726			



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 606- Moro Farms CSE-29 Pad Sec.29-T6N-R65W - Moro Farms CSE-29 - Wellbore #1 - Wellbore #1												<b>Offset Well Error:</b>	0.0 ft
Reference	Offset	Semi Major Axis		Distance									
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	Warning
7,500.0	7,034.2	7,115.9	7,015.4	27.8	21.1	75.35	605.3	1,673.0	770.3	733.0	37.23	20.687	
7,550.0	7,041.5	7,126.0	7,025.5	27.8	21.1	81.93	605.4	1,673.0	730.6	693.1	37.56	19.454	
7,600.0	7,045.3	7,126.0	7,025.5	27.7	21.1	86.69	605.4	1,673.0	692.5	654.9	37.58	18.424	
7,636.5	7,046.0	7,126.0	7,025.5	27.7	21.1	89.75	605.4	1,673.0	665.9	628.4	37.49	17.760	
7,700.0	7,045.6	7,126.0	7,025.5	27.7	21.1	89.75	605.4	1,673.0	622.2	584.3	37.85	16.436	
7,800.0	7,045.0	7,126.0	7,025.5	27.7	21.1	89.75	605.4	1,673.0	561.2	522.7	38.52	14.570	
7,900.0	7,044.4	7,126.0	7,025.5	27.9	21.1	89.75	605.4	1,673.0	512.6	473.2	39.33	13.033	
8,000.0	7,043.8	7,126.0	7,025.5	28.3	21.1	89.75	605.4	1,673.0	480.1	439.9	40.28	11.921	
8,100.0	7,043.2	7,126.0	7,025.5	28.8	21.1	89.75	605.4	1,673.0	467.3	425.9	41.35	11.302	
8,111.0	7,043.1	7,126.0	7,025.5	28.9	21.1	89.75	605.4	1,673.0	467.2	425.7	41.47	11.264 CC, ES	
8,200.0	7,042.6	7,126.0	7,025.5	29.6	21.1	89.75	605.4	1,673.0	475.6	433.0	42.52	11.186 SF	
8,300.0	7,041.9	7,127.0	7,026.5	30.5	21.1	89.87	605.4	1,673.0	504.0	460.2	43.76	11.515	
8,400.0	7,041.3	7,126.9	7,026.4	31.5	21.1	89.85	605.4	1,673.0	549.3	504.2	45.10	12.180	
8,500.0	7,040.7	7,126.7	7,026.3	32.7	21.1	89.84	605.4	1,673.0	607.9	561.4	46.51	13.072	
8,600.0	7,040.1	7,126.6	7,026.2	33.9	21.1	89.82	605.4	1,673.0	676.3	628.3	47.97	14.099	
8,700.0	7,039.5	7,126.5	7,026.0	35.3	21.1	89.81	605.4	1,673.0	751.8	702.3	49.48	15.194	

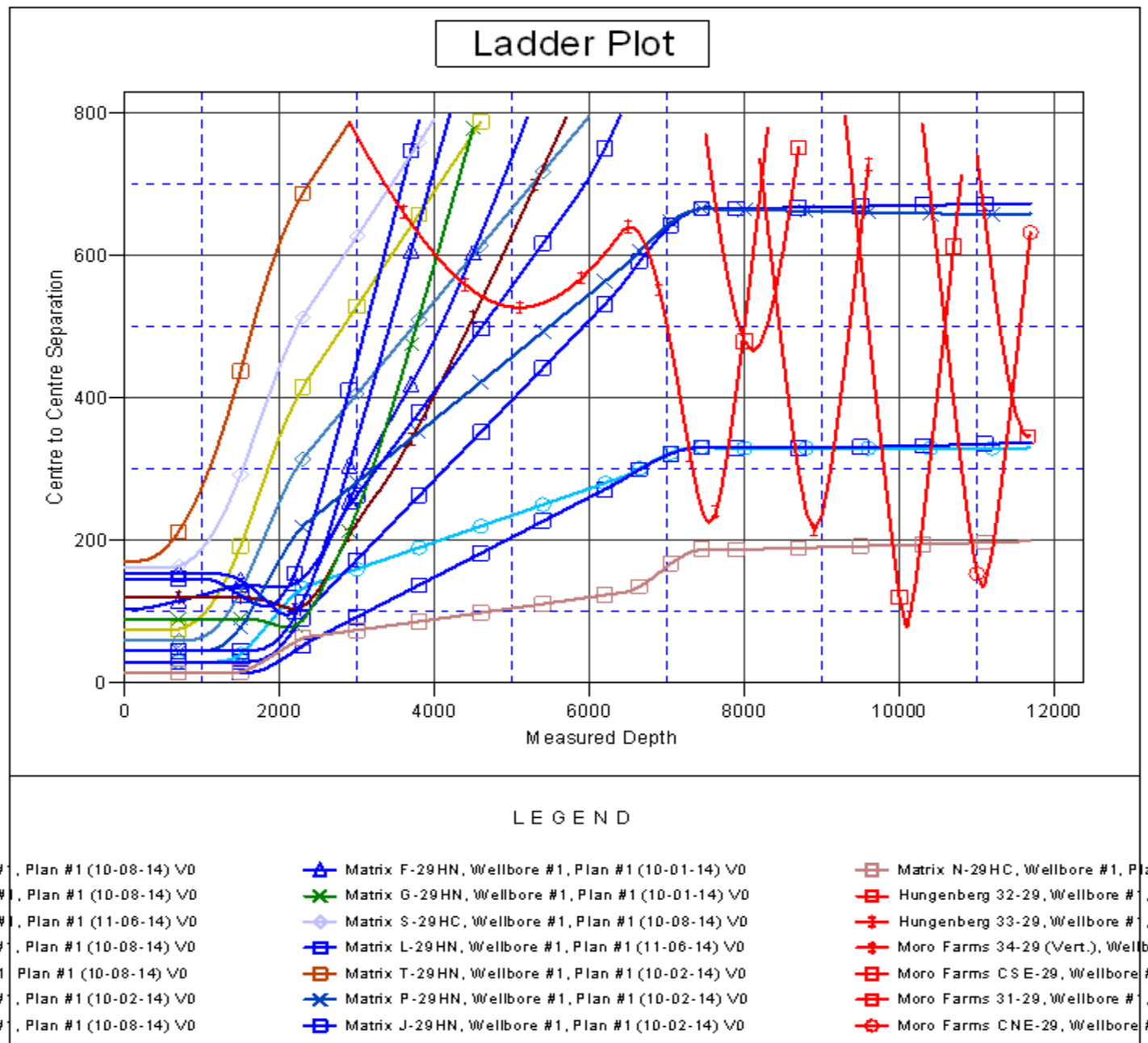
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4730.5ft (Original Well Elev) Coordinates are relative to: Matrix M-29HN

Offset Depths are relative to Offset Datum

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.52°



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Matrix M-29HN
<b>Project:</b>	SEC.29-T6N-R65W	<b>TVD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Reference Site:</b>	Matrix 29- Pad Sec.29-T6N-R65W	<b>MD Reference:</b>	WELL @ 4730.5ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Matrix M-29HN	<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 (10-08-14)	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4730.5ft (Original Well Elev) Coordinates are relative to: Matrix M-29HN  
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: 0.52°

