

Bayswater Exploration & Production, LLC

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

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

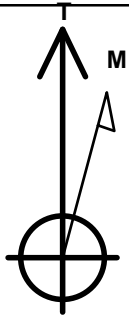
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4708.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1408795.52	3225906.59	40.452707	-104.688233	
RKB - 22.5' WELL @ 4730.5ft (RKB - 22.5')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 470'FSL & 2361'FWL	1.0	0.0	0.0	Point
BHL 465'FNL, 1460'FWL	6946.0	4427.2	-926.6	Point



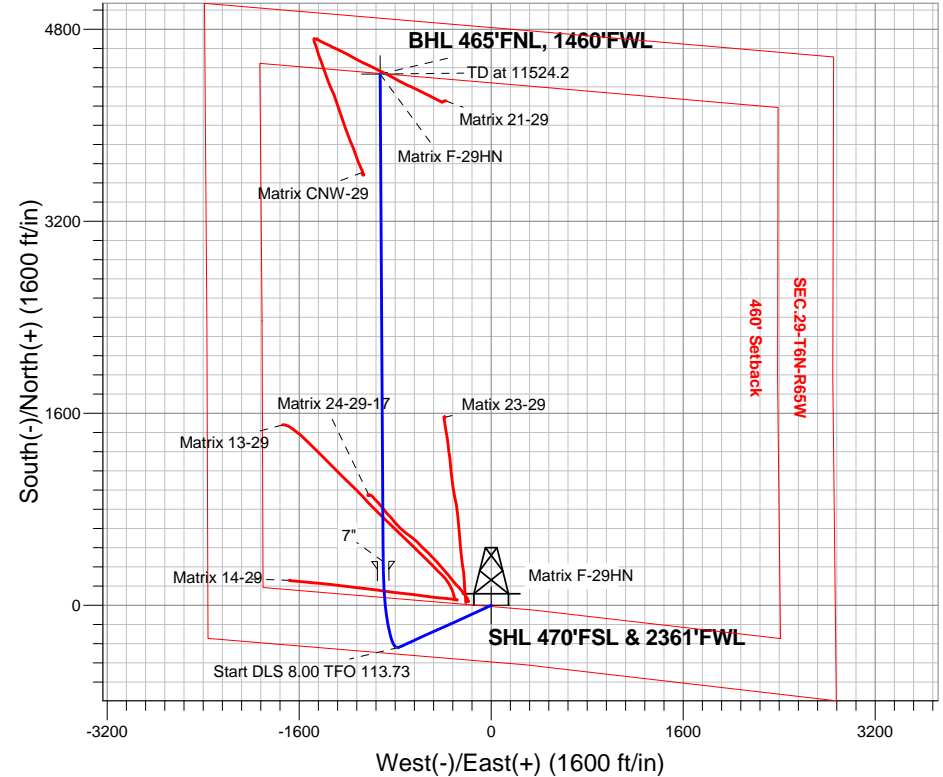
Azimuths to True North
Magnetic North: 8.38°

Magnetic Field
Strength: 52819.0nT
Dip Angle: 66.99°
Date: 10/6/2014
Model: IGRF2010

Matrix 29- Pad Sec.29-T6N-R65W
Matrix F-29HN
Plan #1 (10-01-14)
10:13, October 06 2014

ANNOTATIONS

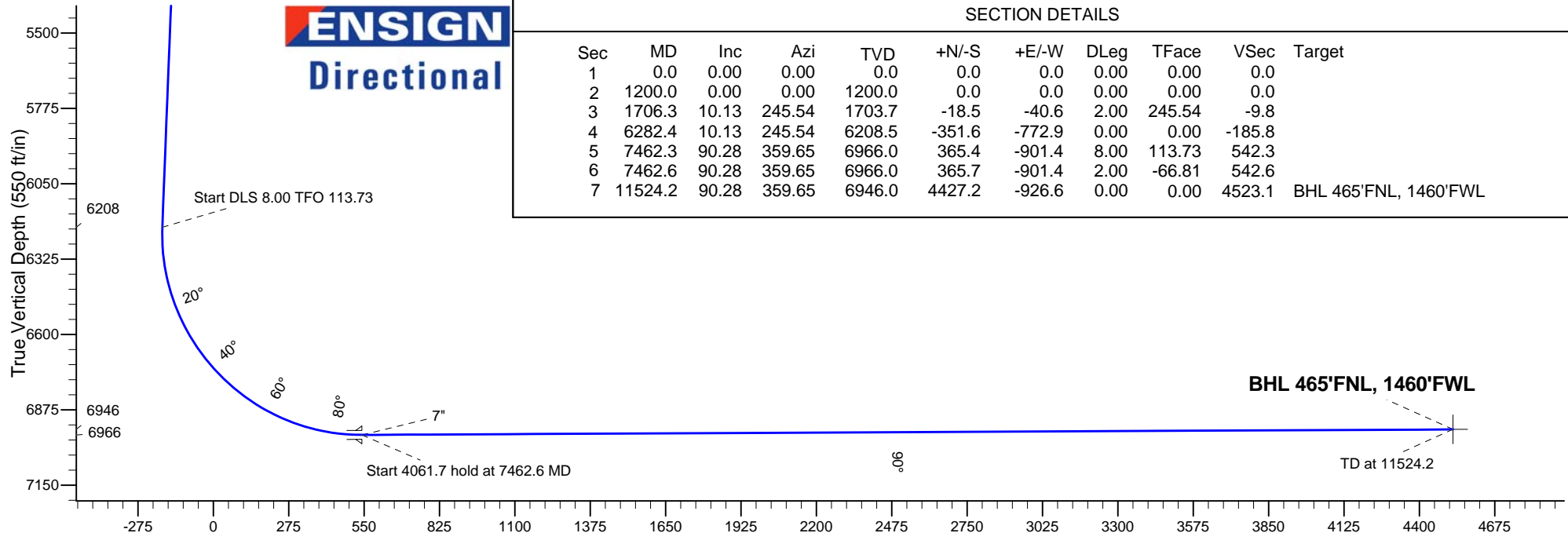
TVD	MD	Annotation
1200.0	1200.0	KOP - Start Build 2.00
6208.5	6282.4	Start DLS 8.00 TFO 113.73
6966.0	7462.6	Start 4061.7 hold at 7462.6 MD
6946.0	11524.2	TD at 11524.2



ENSIGN
Directional

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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1706.3	10.13	245.54	1703.7	-18.5	-40.6	2.00	245.54	-9.8	
4	6282.4	10.13	245.54	6208.5	-351.6	-772.9	0.00	0.00	-185.8	
5	7462.3	90.28	359.65	6966.0	365.4	-901.4	8.00	113.73	542.3	
6	7462.6	90.28	359.65	6966.0	365.7	-901.4	2.00	-66.81	542.6	
7	11524.2	90.28	359.65	6946.0	4427.2	-926.6	0.00	0.00	4523.1	BHL 465'FNL, 1460'FWL



Vertical Section at 348.18° (550 ft/in)



Bayswater Exploration & Production, LLC

SEC.29-T6N-R65W

Matrix 29- Pad Sec.29-T6N-R65W

Matrix F-29HN

Wellbore #1

Plan: Plan #1 (10-01-14)

Standard Planning Report

06 October, 2014



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Database:	Landmark	Local Co-ordinate Reference:	Well Matrix F-29HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-01-14)		

Project	SEC.29-T6N-R65W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	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 F-29HN					
Well Position	+N-S	-47.0 ft	Northing:	1,408,795.52 ft	Latitude:	40.452707
	+E-W	175.6 ft	Easting:	3,225,906.59 ft	Longitude:	-104.688233
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,708.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/6/2014	8.38	66.99	52,819

Design	Plan #1 (10-01-14)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	348.18

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,706.3	10.13	245.54	1,703.7	-18.5	-40.6	2.00	2.00	0.00	245.54	
6,282.4	10.13	245.54	6,208.5	-351.6	-772.9	0.00	0.00	0.00	0.00	
7,462.3	90.28	359.65	6,966.0	365.4	-901.4	8.00	6.79	9.67	113.73	
7,462.6	90.28	359.65	6,966.0	365.7	-901.4	2.00	0.79	-1.84	-66.81	
11,524.2	90.28	359.65	6,946.0	4,427.2	-926.6	0.00	0.00	0.00	0.00	BHL 465'FNL, 1460

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Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-01-14)		

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
SHL 470'FSL & 2361'FWL									
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
KOP - Start Build 2.00									
1,300.0	2.00	245.54	1,300.0	-0.7	-1.6	-0.4	2.00	2.00	0.00
1,400.0	4.00	245.54	1,399.8	-2.9	-6.4	-1.5	2.00	2.00	0.00
1,500.0	6.00	245.54	1,499.5	-6.5	-14.3	-3.4	2.00	2.00	0.00
1,600.0	8.00	245.54	1,598.7	-11.5	-25.4	-6.1	2.00	2.00	0.00
1,700.0	10.00	245.54	1,697.5	-18.0	-39.6	-9.5	2.00	2.00	0.00
1,706.3	10.13	245.54	1,703.7	-18.5	-40.6	-9.8	2.00	2.00	0.00
1,800.0	10.13	245.54	1,795.9	-25.3	-55.6	-13.4	0.00	0.00	0.00
1,900.0	10.13	245.54	1,894.4	-32.6	-71.6	-17.2	0.00	0.00	0.00
2,000.0	10.13	245.54	1,992.8	-39.9	-87.6	-21.1	0.00	0.00	0.00
2,100.0	10.13	245.54	2,091.2	-47.1	-103.6	-24.9	0.00	0.00	0.00
2,200.0	10.13	245.54	2,189.7	-54.4	-119.6	-28.8	0.00	0.00	0.00
2,300.0	10.13	245.54	2,288.1	-61.7	-135.6	-32.6	0.00	0.00	0.00
2,400.0	10.13	245.54	2,386.6	-69.0	-151.6	-36.5	0.00	0.00	0.00
2,500.0	10.13	245.54	2,485.0	-76.3	-167.6	-40.3	0.00	0.00	0.00
2,600.0	10.13	245.54	2,583.4	-83.5	-183.6	-44.2	0.00	0.00	0.00
2,700.0	10.13	245.54	2,681.9	-90.8	-199.6	-48.0	0.00	0.00	0.00
2,800.0	10.13	245.54	2,780.3	-98.1	-215.6	-51.8	0.00	0.00	0.00
2,900.0	10.13	245.54	2,878.8	-105.4	-231.6	-55.7	0.00	0.00	0.00
3,000.0	10.13	245.54	2,977.2	-112.7	-247.7	-59.5	0.00	0.00	0.00
3,100.0	10.13	245.54	3,075.7	-119.9	-263.7	-63.4	0.00	0.00	0.00
3,200.0	10.13	245.54	3,174.1	-127.2	-279.7	-67.2	0.00	0.00	0.00
3,300.0	10.13	245.54	3,272.5	-134.5	-295.7	-71.1	0.00	0.00	0.00
3,400.0	10.13	245.54	3,371.0	-141.8	-311.7	-74.9	0.00	0.00	0.00
3,500.0	10.13	245.54	3,469.4	-149.1	-327.7	-78.8	0.00	0.00	0.00
3,600.0	10.13	245.54	3,567.9	-156.3	-343.7	-82.6	0.00	0.00	0.00
3,700.0	10.13	245.54	3,666.3	-163.6	-359.7	-86.5	0.00	0.00	0.00
3,800.0	10.13	245.54	3,764.8	-170.9	-375.7	-90.3	0.00	0.00	0.00
3,900.0	10.13	245.54	3,863.2	-178.2	-391.7	-94.2	0.00	0.00	0.00
4,000.0	10.13	245.54	3,961.6	-185.5	-407.7	-98.0	0.00	0.00	0.00
4,100.0	10.13	245.54	4,060.1	-192.7	-423.7	-101.9	0.00	0.00	0.00
4,200.0	10.13	245.54	4,158.5	-200.0	-439.7	-105.7	0.00	0.00	0.00
4,300.0	10.13	245.54	4,257.0	-207.3	-455.7	-109.6	0.00	0.00	0.00
4,400.0	10.13	245.54	4,355.4	-214.6	-471.7	-113.4	0.00	0.00	0.00
4,500.0	10.13	245.54	4,453.9	-221.9	-487.7	-117.3	0.00	0.00	0.00
4,600.0	10.13	245.54	4,552.3	-229.1	-503.7	-121.1	0.00	0.00	0.00
4,700.0	10.13	245.54	4,650.7	-236.4	-519.7	-125.0	0.00	0.00	0.00
4,800.0	10.13	245.54	4,749.2	-243.7	-535.7	-128.8	0.00	0.00	0.00
4,900.0	10.13	245.54	4,847.6	-251.0	-551.7	-132.7	0.00	0.00	0.00

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Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-01-14)		

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	10.13	245.54	4,946.1	-258.3	-567.7	-136.5	0.00	0.00	0.00
5,100.0	10.13	245.54	5,044.5	-265.6	-583.7	-140.3	0.00	0.00	0.00
5,200.0	10.13	245.54	5,142.9	-272.8	-599.7	-144.2	0.00	0.00	0.00
5,300.0	10.13	245.54	5,241.4	-280.1	-615.7	-148.0	0.00	0.00	0.00
5,400.0	10.13	245.54	5,339.8	-287.4	-631.7	-151.9	0.00	0.00	0.00
5,500.0	10.13	245.54	5,438.3	-294.7	-647.7	-155.7	0.00	0.00	0.00
5,600.0	10.13	245.54	5,536.7	-302.0	-663.7	-159.6	0.00	0.00	0.00
5,700.0	10.13	245.54	5,635.2	-309.2	-679.7	-163.4	0.00	0.00	0.00
5,800.0	10.13	245.54	5,733.6	-316.5	-695.7	-167.3	0.00	0.00	0.00
5,900.0	10.13	245.54	5,832.0	-323.8	-711.7	-171.1	0.00	0.00	0.00
6,000.0	10.13	245.54	5,930.5	-331.1	-727.7	-175.0	0.00	0.00	0.00
6,100.0	10.13	245.54	6,028.9	-338.4	-743.8	-178.8	0.00	0.00	0.00
6,200.0	10.13	245.54	6,127.4	-345.6	-759.8	-182.7	0.00	0.00	0.00
6,282.4	10.13	245.54	6,208.5	-351.6	-772.9	-185.8	0.00	0.00	0.00
Start DLS 8.00 TFO 113.73									
6,300.0	9.64	253.26	6,225.8	-352.7	-775.8	-186.3	8.01	-2.74	43.89
6,400.0	10.66	299.55	6,324.4	-350.5	-791.9	-180.9	8.00	1.01	46.29
6,500.0	16.16	325.35	6,421.7	-334.5	-807.8	-161.9	8.00	5.50	25.80
6,600.0	23.14	337.17	6,515.9	-304.9	-823.4	-129.8	8.00	6.98	11.82
6,700.0	30.60	343.60	6,605.1	-262.3	-838.2	-85.0	8.00	7.46	6.43
6,800.0	38.27	347.67	6,687.5	-207.5	-852.0	-28.6	8.00	7.67	4.07
6,900.0	46.03	350.55	6,761.6	-141.7	-864.6	38.4	8.00	7.76	2.88
7,000.0	53.85	352.76	6,825.9	-66.0	-875.6	114.7	8.00	7.82	2.21
7,100.0	61.71	354.57	6,879.2	18.0	-884.9	198.9	8.00	7.85	1.81
7,200.0	69.58	356.12	6,920.4	108.7	-892.2	289.2	8.00	7.87	1.56
7,300.0	77.47	357.53	6,948.7	204.4	-897.5	383.9	8.00	7.89	1.40
7,400.0	85.36	358.85	6,963.6	303.1	-900.6	481.2	8.00	7.89	1.32
7,462.3	90.28	359.65	6,966.0	365.4	-901.4	542.3	8.00	7.90	1.29
7"									
7,462.6	90.28	359.65	6,966.0	365.7	-901.4	542.6	1.99	1.25	-1.56
Start 4061.7 hold at 7462.6 MD									
7,500.0	90.28	359.65	6,965.8	403.1	-901.7	579.2	0.00	0.00	0.00
7,600.0	90.28	359.65	6,965.3	503.1	-902.3	677.2	0.00	0.00	0.00
7,700.0	90.28	359.65	6,964.8	603.1	-902.9	775.2	0.00	0.00	0.00
7,800.0	90.28	359.65	6,964.3	703.1	-903.5	873.2	0.00	0.00	0.00
7,900.0	90.28	359.65	6,963.8	803.1	-904.1	971.2	0.00	0.00	0.00
8,000.0	90.28	359.65	6,963.4	903.1	-904.8	1,069.2	0.00	0.00	0.00
8,100.0	90.28	359.65	6,962.9	1,003.1	-905.4	1,167.2	0.00	0.00	0.00
8,200.0	90.28	359.65	6,962.4	1,103.1	-906.0	1,265.3	0.00	0.00	0.00
8,300.0	90.28	359.65	6,961.9	1,203.1	-906.6	1,363.3	0.00	0.00	0.00
8,400.0	90.28	359.65	6,961.4	1,303.1	-907.2	1,461.3	0.00	0.00	0.00
8,500.0	90.28	359.65	6,960.9	1,403.0	-907.9	1,559.3	0.00	0.00	0.00
8,600.0	90.28	359.65	6,960.4	1,503.0	-908.5	1,657.3	0.00	0.00	0.00
8,700.0	90.28	359.65	6,959.9	1,603.0	-909.1	1,755.3	0.00	0.00	0.00
8,800.0	90.28	359.65	6,959.4	1,703.0	-909.7	1,853.3	0.00	0.00	0.00
8,900.0	90.28	359.65	6,958.9	1,803.0	-910.3	1,951.3	0.00	0.00	0.00
9,000.0	90.28	359.65	6,958.4	1,903.0	-911.0	2,049.3	0.00	0.00	0.00
9,100.0	90.28	359.65	6,957.9	2,003.0	-911.6	2,147.3	0.00	0.00	0.00
9,200.0	90.28	359.65	6,957.4	2,103.0	-912.2	2,245.3	0.00	0.00	0.00
9,300.0	90.28	359.65	6,957.0	2,203.0	-912.8	2,343.3	0.00	0.00	0.00
9,400.0	90.28	359.65	6,956.5	2,303.0	-913.4	2,441.3	0.00	0.00	0.00
9,500.0	90.28	359.65	6,956.0	2,403.0	-914.0	2,539.3	0.00	0.00	0.00
9,600.0	90.28	359.65	6,955.5	2,503.0	-914.7	2,637.3	0.00	0.00	0.00

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Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-01-14)		

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)	
9,700.0	90.28	359.65	6,955.0	2,603.0	-915.3	2,735.3	0.00	0.00	0.00	
9,800.0	90.28	359.65	6,954.5	2,703.0	-915.9	2,833.3	0.00	0.00	0.00	
9,900.0	90.28	359.65	6,954.0	2,803.0	-916.5	2,931.3	0.00	0.00	0.00	
10,000.0	90.28	359.65	6,953.5	2,903.0	-917.1	3,029.3	0.00	0.00	0.00	
10,100.0	90.28	359.65	6,953.0	3,003.0	-917.8	3,127.3	0.00	0.00	0.00	
10,200.0	90.28	359.65	6,952.5	3,103.0	-918.4	3,225.3	0.00	0.00	0.00	
10,300.0	90.28	359.65	6,952.0	3,203.0	-919.0	3,323.3	0.00	0.00	0.00	
10,400.0	90.28	359.65	6,951.5	3,303.0	-919.6	3,421.3	0.00	0.00	0.00	
10,500.0	90.28	359.65	6,951.0	3,403.0	-920.2	3,519.3	0.00	0.00	0.00	
10,600.0	90.28	359.65	6,950.6	3,503.0	-920.9	3,617.3	0.00	0.00	0.00	
10,700.0	90.28	359.65	6,950.1	3,603.0	-921.5	3,715.3	0.00	0.00	0.00	
10,800.0	90.28	359.65	6,949.6	3,703.0	-922.1	3,813.3	0.00	0.00	0.00	
10,900.0	90.28	359.65	6,949.1	3,803.0	-922.7	3,911.3	0.00	0.00	0.00	
11,000.0	90.28	359.65	6,948.6	3,903.0	-923.3	4,009.3	0.00	0.00	0.00	
11,100.0	90.28	359.65	6,948.1	4,003.0	-924.0	4,107.3	0.00	0.00	0.00	
11,200.0	90.28	359.65	6,947.6	4,103.0	-924.6	4,205.4	0.00	0.00	0.00	
11,300.0	90.28	359.65	6,947.1	4,203.0	-925.2	4,303.4	0.00	0.00	0.00	
11,400.0	90.28	359.65	6,946.6	4,303.0	-925.8	4,401.4	0.00	0.00	0.00	
11,500.0	90.28	359.65	6,946.1	4,403.0	-926.4	4,499.4	0.00	0.00	0.00	
11,524.2	90.28	359.65	6,946.0	4,427.2	-926.6	4,523.1	0.00	0.00	0.00	
TD at 11524.2 - BHL 465'FNL, 1460'FWL										

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
SHL 470'FSL & 2361'I - hit/miss target - Shape - Point	0.00	0.00	1.0	0.0	0.0	1,408,795.53	3,225,906.59	40.452707	-104.688233	
BHL 465'FNL, 1460'F - plan hits target center - Point	0.00	0.00	6,946.0	4,427.2	-926.6	1,413,213.88	3,224,939.55	40.464859	-104.691563	

Casing Points										
Measured Depth (ft)	Vertical Depth (ft)	Name					Casing Diameter (")	Hole Diameter (")		
7,462.3	6,966.0	7"					7	7-1/2		

Plan Annotations							
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment			
		+N/-S (ft)	+E/-W (ft)				
		1,200.0	1,200.0		0.0	0.0	KOP - Start Build 2.00
		6,282.4	6,208.5		-18.5	-40.6	Start DLS 8.00 TFO 113.73
		7,462.6	6,966.0		-351.6	-772.9	Start 4061.7 hold at 7462.6 MD
		11,524.2	6,946.0		365.7	-901.4	TD at 11524.2



Bayswater Exploration & Production, LLC

SEC.29-T6N-R65W

Matrix 29- Pad Sec.29-T6N-R65W

Matrix F-29HN

Wellbore #1

Plan #1 (10-01-14)

Anticollision Report

08 October, 2014



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (10-01-14)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 800.0ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program	Date 10/6/2014			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	11,524.2	Plan #1 (10-01-14) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Matrix 11-29 Pad Sec.29-T6N-R65W						
Matrix 21-29 - Wellbore #1 - Wellbore #1	11,298.2	7,113.2	536.8	434.2	5.232	CC
Matrix 21-29 - Wellbore #1 - Wellbore #1	11,300.0	7,113.2	536.8	434.2	5.231	ES
Matrix 21-29 - Wellbore #1 - Wellbore #1	11,400.0	7,113.2	546.4	441.9	5.228	SF
Matrix CNW-29 - Wellbore #1 - Wellbore #1	10,694.2	7,145.6	153.7	56.2	1.576	CC, ES
Matrix CNW-29 - Wellbore #1 - Wellbore #1	10,700.0	7,145.9	153.9	56.2	1.576	SF
Matrix 13-29 PAD Sec.29-T6N-R65W						
Matrix 13-29 - Wellbore #1 - Wellbore #1	0.0	0.0	308.7			
Matrix 13-29 - Wellbore #1 - Wellbore #1	100.0	89.5	308.9	308.7	1,448.728	ES
Matrix 13-29 - Wellbore #1 - Wellbore #1	2,400.0	2,164.1	784.3	772.5	66.573	SF
Matrix 14-29 - Wellbore #1 - Wellbore #1	100.0	91.2	286.6	286.4	1,332.264	CC
Matrix 14-29 - Wellbore #1 - Wellbore #1	300.0	290.6	287.0	286.1	322.926	ES
Matrix 14-29 - Wellbore #1 - Wellbore #1	7,462.6	7,195.3	796.7	760.7	22.125	SF
Matrix 23-29 Pad Sec.29-T6N-R65W						
Matix 23-29 - Wellbore #1 - Wellbore #1	289.7	281.2	214.0	212.9	205.869	CC
Matix 23-29 - Wellbore #1 - Wellbore #1	300.0	291.3	214.0	212.9	197.229	ES
Matix 23-29 - Wellbore #1 - Wellbore #1	8,700.0	7,177.5	524.1	456.6	7.766	SF
Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)	2,644.6	2,618.9	108.5	95.8	8.549	CC, ES
Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)	2,800.0	2,771.8	111.9	98.4	8.262	SF
Matrix 24-29-17 - Wellbore #1 - Wellbore #1	8,013.7	7,127.1	120.5	72.9	2.534	CC, ES, SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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						
Matrix 29- Pad Sec.29-T6N-R65W						
Matrix A-29HN - Wellbore #1 - Plan #1 (10-01-14)	200.0	200.0	74.8	74.1	110.943	CC, ES
Matrix A-29HN - Wellbore #1 - Plan #1 (10-01-14)	4,300.0	4,185.9	789.5	766.2	33.810	SF
Matrix B-29HN - Wellbore #1 - Plan #1 (10-01-14)	400.0	400.0	59.9	58.3	38.068	CC, ES
Matrix B-29HN - Wellbore #1 - Plan #1 (10-01-14)	6,000.0	5,916.2	796.6	762.7	23.480	SF
Matrix C-29HN - Wellbore #1 - Plan #1 (10-08-14)	600.0	600.0	45.0	42.5	18.195	CC, ES
Matrix C-29HN - Wellbore #1 - Plan #1 (10-08-14)	11,524.6	11,663.9	664.2	488.7	3.785	SF
Matrix D-29HC - Wellbore #1 - Plan #1 (10-08-14)	800.0	800.0	30.1	26.7	8.920	CC, ES
Matrix D-29HC - Wellbore #1 - Plan #1 (10-08-14)	11,524.6	11,739.2	529.4	364.1	3.203	SF
Matrix E-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,000.0	999.0	14.9	10.6	3.494	CC, ES
Matrix E-29HN - Wellbore #1 - Plan #1 (10-08-14)	11,524.6	11,647.5	338.8	166.9	1.971	SF
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	1,389.0	1,388.9	130.1	124.1	21.789	CC
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	5,500.0	5,528.1	133.5	102.9	4.366	ES
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	11,500.0	11,509.3	329.9	156.6	1.904	SF
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	200.0	200.0	132.1	131.4	195.838	CC, ES
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	11,500.0	11,602.2	660.9	487.1	3.801	SF
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,200.0	1,199.0	135.4	130.2	26.203	CC
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,300.0	1,299.0	135.7	130.1	24.245	ES
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,800.0	1,794.9	158.0	150.2	20.189	SF
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	2,251.0	2,239.9	115.5	105.1	11.113	CC, ES
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	2,500.0	2,485.0	123.5	111.8	10.534	SF
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	2,415.9	2,413.3	104.5	93.5	9.504	CC, ES
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	2,500.0	2,495.9	106.2	95.0	9.445	SF
Matrix L-29HN - Wellbore #1 - Plan #1 (10-02-14)	2,249.8	2,249.0	100.3	90.2	9.897	CC, ES
Matrix L-29HN - Wellbore #1 - Plan #1 (10-02-14)	2,300.0	2,297.8	101.2	90.9	9.806	SF
Matrix M-29HN - Wellbore #1 - Plan #1 (10-08-14)	2,098.3	2,099.9	95.7	86.4	10.240	CC
Matrix M-29HN - Wellbore #1 - Plan #1 (10-08-14)	2,100.0	2,101.5	95.7	86.4	10.232	ES, SF
Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,956.7	1,961.1	89.1	80.5	10.313	CC, ES
Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)	2,000.0	2,002.4	90.1	81.3	10.200	SF
Matrix S-29HC - Wellbore #1 - Plan #1 (10-08-14)	600.0	599.0	15.1	12.7	6.132	CC, ES
Matrix S-29HC - Wellbore #1 - Plan #1 (10-08-14)	700.0	698.6	16.4	13.5	5.636	SF

Offset Design		Matrix 11-29 Pad Sec.29-T6N-R65W - Matrix 21-29 - Wellbore #1 - Wellbore #1											Offset Site Error: 0.0 ft	
Survey Program: 648-													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	
10,800.0	6,949.6	7,113.6	6,943.0	75.9	26.2	88.65	4,204.4	-388.5	732.4	639.1	93.24	7.855		
10,900.0	6,949.1	7,113.6	6,942.9	77.8	26.2	88.64	4,204.4	-388.5	668.4	573.3	95.11	7.027		
11,000.0	6,948.6	7,113.5	6,942.8	79.6	26.2	88.63	4,204.4	-388.5	614.1	517.1	96.99	6.331		
11,100.0	6,948.1	7,113.4	6,942.7	81.5	26.2	88.63	4,204.4	-388.5	572.2	473.4	98.87	5.788		
11,200.0	6,947.6	7,113.3	6,942.7	83.4	26.2	88.62	4,204.4	-388.5	545.7	445.0	100.75	5.417		
11,298.2	6,947.1	7,113.2	6,942.6	85.2	26.2	88.61	4,204.4	-388.5	536.8	434.2	102.60	5.232	CC	
11,300.0	6,947.1	7,113.2	6,942.6	85.2	26.2	88.61	4,204.4	-388.5	536.8	434.2	102.64	5.231	ES	
11,400.0	6,946.6	7,113.2	6,942.5	87.1	26.2	88.60	4,204.4	-388.5	546.4	441.9	104.52	5.228	SF	
11,500.0	6,946.1	7,113.1	6,942.4	89.0	26.2	88.59	4,204.4	-388.5	573.5	467.1	106.41	5.390		
11,524.2	6,946.0	7,113.1	6,942.4	89.4	26.2	88.59	4,204.4	-388.5	582.5	475.6	106.86	5.451		
11,524.6	6,946.0	7,113.1	6,942.4	89.5	26.2	88.59	4,204.4	-388.5	582.6	475.8	106.87	5.452		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 11-29 Pad Sec.29-T6N-R65W - Matrix CNW-29 - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 648-												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
10,000.0	6,953.5	7,118.4	6,929.1	61.3	25.6	-79.09	3,595.0	-1,074.7	710.4	626.7	83.74	8.484	
10,100.0	6,953.0	7,121.8	6,932.4	63.1	25.6	-80.30	3,595.1	-1,074.8	613.3	527.5	85.78	7.149	
10,200.0	6,952.5	7,125.3	6,935.9	64.9	25.6	-81.58	3,595.3	-1,074.8	517.2	429.3	87.83	5.888	
10,300.0	6,952.0	7,133.0	6,943.6	66.8	25.6	-84.43	3,595.6	-1,075.0	422.8	332.8	90.02	4.697	
10,400.0	6,951.5	7,133.0	6,943.6	68.6	25.6	-84.43	3,595.6	-1,075.0	331.7	239.9	91.87	3.611	
10,500.0	6,951.0	7,137.2	6,947.8	70.4	25.6	-85.99	3,595.8	-1,075.0	247.6	153.7	93.85	2.638	
10,600.0	6,950.6	7,141.6	6,952.2	72.3	25.6	-87.62	3,596.0	-1,075.1	180.3	84.5	95.78	1.882	
10,694.2	6,950.1	7,145.6	6,956.2	74.0	25.6	-89.13	3,596.2	-1,075.2	153.7	56.2	97.54	1.576 CC, ES	
10,700.0	6,950.1	7,145.9	6,956.5	74.1	25.6	-89.22	3,596.2	-1,075.2	153.9	56.2	97.65	1.576 SF	
10,800.0	6,949.6	7,150.1	6,960.7	75.9	25.6	-90.79	3,596.4	-1,075.2	186.6	87.1	99.46	1.876	
10,900.0	6,949.1	7,154.3	6,964.9	77.8	25.6	-92.34	3,596.6	-1,075.3	256.7	155.5	101.22	2.536	
11,000.0	6,948.6	7,158.4	6,969.0	79.6	25.6	-93.87	3,596.8	-1,075.4	342.0	239.1	102.91	3.323	
11,100.0	6,948.1	7,162.4	6,973.0	81.5	25.6	-95.36	3,597.0	-1,075.4	433.6	329.1	104.55	4.147	
11,200.0	6,947.6	7,166.4	6,977.0	83.4	25.6	-96.82	3,597.2	-1,075.5	528.2	422.1	106.13	4.977	
11,300.0	6,947.1	7,170.3	6,980.9	85.2	25.6	-98.25	3,597.3	-1,075.5	624.5	516.8	107.65	5.801	
11,400.0	6,946.6	7,174.2	6,984.8	87.1	25.6	-99.64	3,597.5	-1,075.5	721.8	612.6	109.12	6.615	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 13-29 PAD Sec.29-T6N-R65W - Matrix 13-29 - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 117-												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	-81.65	44.8	-305.3	308.7				
100.0	100.0	89.5	89.5	0.1	0.1	-81.66	44.8	-305.6	308.9	308.7	0.21	1,448.728 ES	
200.0	200.0	189.0	189.0	0.3	0.3	-81.59	45.3	-306.3	309.7	309.1	0.62	497.897	
300.0	300.0	289.8	289.7	0.6	0.5	-80.91	49.1	-306.5	310.4	309.3	1.07	289.016	
400.0	400.0	383.0	382.6	0.8	0.7	-79.48	56.9	-306.7	312.1	310.5	1.53	203.904	
500.0	500.0	475.0	473.9	1.0	1.0	-77.51	68.3	-308.3	316.3	314.3	2.00	158.100	
600.0	600.0	566.4	564.1	1.2	1.3	-75.19	82.3	-311.5	323.4	320.9	2.50	129.379	
700.0	700.0	660.7	656.9	1.5	1.6	-72.80	97.9	-316.3	332.9	329.8	3.03	109.771	
800.0	800.0	755.6	750.3	1.7	2.0	-70.51	113.9	-321.9	343.9	340.3	3.60	95.601	
900.0	900.0	845.0	838.0	1.9	2.4	-68.29	130.7	-328.3	357.4	353.2	4.18	85.477	
1,000.0	1,000.0	928.0	918.8	2.1	2.7	-66.23	147.9	-335.8	374.1	369.3	4.78	78.295	
1,100.0	1,100.0	1,022.0	1,009.7	2.4	3.2	-63.99	169.2	-346.6	394.3	388.8	5.48	71.979	
1,200.0	1,200.0	1,101.5	1,086.0	2.6	3.6	-62.25	188.3	-357.8	417.9	411.7	6.15	67.995	
1,300.0	1,300.0	1,182.0	1,162.9	2.8	4.1	53.45	208.2	-371.5	443.9	437.8	6.15	72.168	
1,400.0	1,399.8	1,263.4	1,239.8	3.0	4.6	54.66	228.7	-388.3	471.7	465.1	6.59	71.528	
1,500.0	1,499.5	1,347.1	1,318.4	3.2	5.1	55.81	249.6	-408.1	500.4	493.4	7.04	71.086	
1,600.0	1,598.7	1,432.0	1,397.5	3.4	5.7	57.09	271.5	-429.5	529.6	522.2	7.49	70.679	
1,706.3	1,703.7	1,524.0	1,482.8	3.7	6.4	58.67	296.8	-453.4	561.2	553.2	7.99	70.192	
1,800.0	1,795.9	1,610.3	1,562.5	4.0	7.0	60.56	320.3	-476.6	589.3	580.8	8.46	69.680	
1,900.0	1,894.4	1,702.6	1,647.6	4.3	7.7	62.34	345.0	-501.9	620.1	611.1	8.96	69.177	
2,000.0	1,992.8	1,793.3	1,731.4	4.6	8.3	63.95	369.6	-526.9	651.6	642.1	9.49	68.661	
2,100.0	2,091.2	1,877.9	1,809.1	4.9	9.0	65.30	392.8	-550.8	684.4	674.4	10.02	68.278	
2,200.0	2,189.7	1,976.9	1,900.0	5.3	9.7	66.71	420.0	-579.1	717.8	707.2	10.60	67.688	
2,300.0	2,288.1	2,072.0	1,987.6	5.6	10.4	67.97	445.8	-605.7	750.9	739.7	11.18	67.149	
2,400.0	2,386.6	2,164.1	2,072.4	6.0	11.0	69.10	470.9	-631.4	784.3	772.5	11.78	66.573 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 643-													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	-81.01	44.8	-283.0	286.7					
100.0	100.0	91.2	91.2	0.1	0.1	-81.01	44.8	-283.1	286.6	286.4	0.22	1,332.264 CC		
200.0	200.0	190.9	190.9	0.3	0.2	-81.01	44.8	-283.2	286.8	286.2	0.55	519.523		
300.0	300.0	290.6	290.6	0.6	0.3	-81.02	44.8	-283.5	287.0	286.1	0.89	322.926 ES		
400.0	400.0	390.3	390.3	0.8	0.4	-81.03	44.8	-283.9	287.4	286.2	1.23	234.476		
500.0	500.0	490.0	490.0	1.0	0.6	-81.04	44.8	-284.3	287.9	286.3	1.56	184.231		
600.0	600.0	589.7	589.7	1.2	0.7	-81.06	44.8	-284.9	288.4	286.5	1.90	151.864		
700.0	700.0	690.3	690.3	1.5	0.8	-81.08	44.8	-285.5	289.0	286.8	2.28	126.891		
800.0	800.0	789.9	789.9	1.7	1.0	-81.11	44.7	-285.9	289.4	286.7	2.70	107.081		
900.0	900.0	889.1	889.0	1.9	1.2	-81.21	44.3	-286.7	290.2	287.0	3.13	92.639		
1,000.0	1,000.0	989.1	989.1	2.1	1.4	-81.25	44.3	-287.6	291.0	287.4	3.56	81.700		
1,100.0	1,100.0	1,080.6	1,080.6	2.4	1.6	-80.96	46.0	-289.0	292.8	288.8	3.98	73.609		
1,200.0	1,200.0	1,170.1	1,169.9	2.6	1.8	-80.66	48.3	-293.7	298.5	294.0	4.40	67.768		
1,300.0	1,300.0	1,259.6	1,259.0	2.8	2.0	34.10	50.7	-301.3	305.8	301.0	4.81	63.630		
1,400.0	1,399.8	1,348.7	1,347.4	3.0	2.3	34.37	52.0	-312.3	313.9	308.7	5.19	60.431		
1,500.0	1,499.5	1,437.7	1,435.3	3.2	2.5	34.85	53.2	-326.2	322.4	316.8	5.59	57.650		
1,600.0	1,598.7	1,526.2	1,522.2	3.4	2.8	35.53	54.7	-343.0	331.5	325.5	6.00	55.226		
1,706.3	1,703.7	1,620.7	1,614.3	3.7	3.2	36.47	56.5	-363.9	341.5	335.1	6.46	52.849		
1,800.0	1,795.9	1,702.3	1,693.3	4.0	3.6	37.43	58.2	-384.6	352.2	345.3	6.91	50.984		
1,900.0	1,894.4	1,788.2	1,775.5	4.3	4.0	38.34	60.5	-409.2	367.2	359.8	7.41	49.573		
2,000.0	1,992.8	1,875.1	1,875.9	4.6	4.5	39.16	63.4	-436.8	385.4	377.5	7.93	48.589		
2,100.0	2,091.2	1,966.0	1,943.3	4.9	5.1	39.87	66.6	-467.7	406.1	397.6	8.49	47.828		
2,200.0	2,189.7	2,060.0	2,031.1	5.3	5.7	40.52	70.1	-501.0	428.3	419.3	9.08	47.192		
2,300.0	2,288.1	2,143.6	2,108.8	5.6	6.3	41.15	74.4	-531.7	452.3	442.7	9.64	46.916		
2,400.0	2,386.6	2,246.9	2,204.4	6.0	7.0	41.87	80.2	-570.5	477.3	467.1	10.27	46.468		
2,500.0	2,485.0	2,351.5	2,301.7	6.4	7.7	42.40	84.5	-608.4	500.7	489.8	10.90	45.956		
2,600.0	2,583.4	2,457.3	2,401.0	6.8	8.3	43.02	89.4	-644.7	522.3	510.7	11.54	45.261		
2,700.0	2,681.9	2,548.8	2,486.8	7.1	9.0	43.55	93.9	-676.0	544.0	531.8	12.17	44.708		
2,800.0	2,780.3	2,642.6	2,574.5	7.5	9.6	43.93	97.7	-709.2	566.5	553.6	12.83	44.167		
2,900.0	2,878.8	2,732.0	2,657.7	7.9	10.3	44.19	100.9	-741.8	589.9	576.5	13.48	43.770		
3,000.0	2,977.2	2,815.0	2,734.3	8.3	10.9	44.41	104.3	-773.4	615.1	601.0	14.12	43.564		
3,100.0	3,075.7	2,910.0	2,821.7	8.7	11.7	44.63	108.6	-810.5	641.5	626.7	14.82	43.302		
3,200.0	3,174.1	3,027.1	2,930.0	9.1	12.6	44.87	112.9	-854.7	666.2	650.6	15.57	42.793		
3,300.0	3,272.5	3,118.7	3,015.2	9.5	13.2	45.17	117.5	-888.2	690.3	674.1	16.23	42.520		
3,400.0	3,371.0	3,219.5	3,108.8	9.9	14.0	45.53	123.3	-925.0	714.7	697.8	16.95	42.161		
3,500.0	3,469.4	3,329.2	3,211.4	10.3	14.7	45.94	129.4	-963.3	737.5	719.8	17.70	41.669		
3,600.0	3,567.9	3,429.1	3,305.0	10.6	15.4	46.23	133.9	-998.0	759.6	741.2	18.41	41.266		
3,700.0	3,666.3	3,523.6	3,393.6	11.0	16.1	46.44	137.6	-1,030.7	781.6	762.5	19.11	40.907		
7,200.0	6,920.4	7,146.9	6,907.5	22.5	30.5	-85.85	206.4	-1,681.9	795.7	761.1	34.61	22.990		
7,250.0	6,936.2	7,163.3	6,923.9	22.6	30.5	-87.79	206.5	-1,681.9	788.5	753.7	34.79	22.661		
7,300.0	6,948.7	7,176.5	6,937.1	22.7	30.5	-89.20	206.6	-1,682.0	784.5	749.5	34.99	22.423		
7,330.6	6,954.7	7,182.9	6,943.5	22.8	30.5	-89.79	206.7	-1,682.0	783.8	748.7	35.13	22.314		
7,350.0	6,957.9	7,186.2	6,946.8	22.8	30.5	-90.06	206.7	-1,682.0	784.1	748.9	35.22	22.264		
7,400.0	6,963.6	7,192.5	6,953.0	23.0	30.5	-90.33	206.7	-1,682.1	787.4	751.9	35.51	22.171		
7,450.0	6,966.0	7,195.2	6,955.8	23.2	30.5	-90.00	206.7	-1,682.1	794.3	758.4	35.90	22.129		
7,462.3	6,966.0	7,195.3	6,955.9	23.3	30.5	-89.83	206.7	-1,682.1	796.6	760.6	36.00	22.125		
7,462.6	6,966.0	7,195.3	6,955.9	23.3	30.5	-89.83	206.7	-1,682.1	796.7	760.7	36.01	22.125 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 93-													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	-83.86	22.9	-213.5	214.9					
100.0	100.0	92.6	92.6	0.1	0.1	-83.84	23.0	-213.2	214.5	214.2	0.22	990.158		
200.0	200.0	192.0	192.0	0.3	0.3	-83.79	23.2	-212.8	214.1	213.5	0.65	331.018		
289.7	289.7	281.2	281.2	0.5	0.5	-83.56	24.0	-212.6	214.0	212.9	1.04	205.869 CC		
300.0	300.0	291.3	291.3	0.6	0.5	-83.52	24.2	-212.6	214.0	212.9	1.08	197.229 ES		
400.0	400.0	389.6	389.5	0.8	0.7	-82.71	27.2	-212.9	214.6	213.1	1.53	140.195		
500.0	500.0	489.8	489.6	1.0	1.0	-81.15	33.1	-212.8	215.4	213.4	1.99	108.331		
600.0	600.0	587.3	586.8	1.2	1.2	-79.01	41.3	-212.8	216.8	214.4	2.45	88.663		
700.0	700.0	683.4	682.3	1.5	1.5	-76.46	51.5	-213.9	220.2	217.3	2.91	75.641		
800.0	800.0	779.8	777.6	1.7	1.8	-73.11	65.3	-215.0	225.1	221.7	3.41	66.108		
900.0	900.0	872.2	868.4	1.9	2.1	-69.13	82.6	-216.7	233.0	229.1	3.93	59.245		
1,000.0	1,000.0	965.0	958.8	2.1	2.5	-64.75	103.6	-219.6	245.0	240.5	4.52	54.243		
1,100.0	1,100.0	1,059.7	1,050.0	2.4	2.9	-59.86	128.6	-221.5	259.5	254.3	5.17	50.156		
1,200.0	1,200.0	1,150.7	1,136.7	2.6	3.4	-54.93	156.2	-222.5	277.3	271.4	5.88	47.144		
1,300.0	1,300.0	1,240.2	1,221.3	2.8	4.0	63.97	185.3	-223.8	298.2	291.9	6.29	47.445		
1,400.0	1,399.8	1,328.0	1,303.9	3.0	4.5	68.26	215.1	-225.9	321.5	314.7	6.80	47.258		
1,500.0	1,499.5	1,413.2	1,383.3	3.2	5.1	72.40	246.0	-228.3	348.0	340.7	7.30	47.701		
1,600.0	1,598.7	1,503.7	1,467.4	3.4	5.7	76.57	279.3	-231.4	377.0	369.2	7.78	48.473		
1,706.3	1,703.7	1,605.5	1,562.4	3.7	6.3	80.82	315.4	-235.9	408.9	400.6	8.27	49.442		
1,800.0	1,795.9	1,694.6	1,646.2	4.0	6.8	84.64	345.7	-240.0	437.7	429.0	8.69	50.366		
1,900.0	1,894.4	1,789.3	1,735.4	4.3	7.3	88.10	377.0	-244.9	469.5	460.3	9.16	51.261		
2,000.0	1,992.8	1,892.4	1,833.2	4.6	7.9	91.38	409.3	-249.5	500.8	491.2	9.65	51.875		
2,100.0	2,091.2	1,988.8	1,925.1	4.9	8.4	94.09	438.4	-253.3	532.0	521.8	10.16	52.387		
2,200.0	2,189.7	2,086.9	2,018.7	5.3	9.0	96.61	467.4	-256.3	563.4	552.7	10.68	52.766		
2,300.0	2,288.1	2,180.3	2,108.2	5.6	9.5	98.77	494.1	-259.0	594.6	583.4	11.21	53.041		
2,400.0	2,386.6	2,262.8	2,186.9	6.0	9.9	100.59	518.8	-260.5	627.6	615.9	11.74	53.463		
2,500.0	2,485.0	2,353.0	2,272.6	6.4	10.4	102.39	546.6	-262.3	662.2	649.9	12.30	53.822		
2,600.0	2,583.4	2,450.0	2,365.0	6.8	11.0	104.08	576.0	-265.1	696.9	684.0	12.88	54.085		
2,700.0	2,681.9	2,539.1	2,450.0	7.1	11.5	105.55	602.9	-266.7	731.9	718.5	13.45	54.400		
2,800.0	2,780.3	2,624.7	2,531.4	7.5	12.0	106.83	629.3	-268.5	768.0	753.9	14.03	54.738		
8,100.0	6,962.9	7,180.4	6,944.4	29.7	31.1	89.21	1,569.7	-386.1	768.6	710.8	57.81	13.296		
8,200.0	6,962.4	7,179.9	6,943.9	31.1	31.1	89.16	1,569.7	-386.1	698.7	639.3	59.33	11.776		
8,300.0	6,961.9	7,179.4	6,943.4	32.5	31.1	89.10	1,569.7	-386.1	636.7	575.9	60.89	10.457		
8,400.0	6,961.4	7,178.9	6,942.9	34.0	31.1	89.05	1,569.7	-386.1	585.5	523.0	62.50	9.368		
8,500.0	6,960.9	7,178.5	6,942.5	35.5	31.1	89.00	1,569.7	-386.1	547.8	483.7	64.14	8.541		
8,600.0	6,960.4	7,178.0	6,942.0	37.1	31.1	88.95	1,569.7	-386.1	526.7	460.9	65.80	8.004		
8,663.4	6,960.1	7,177.7	6,941.7	38.1	31.1	88.92	1,569.7	-386.1	522.8	456.0	66.87	7.818		
8,700.0	6,959.9	7,177.5	6,941.5	38.7	31.1	88.90	1,569.7	-386.1	524.1	456.6	67.49	7.766 SF		
8,800.0	6,959.4	7,177.1	6,941.1	40.4	31.1	88.85	1,569.7	-386.1	540.4	471.2	69.21	7.808		
8,900.0	6,958.9	7,176.6	6,940.6	42.0	31.1	88.80	1,569.7	-386.1	573.9	502.9	70.94	8.090		
9,000.0	6,958.4	7,176.2	6,940.2	43.7	31.1	88.75	1,569.7	-386.2	621.8	549.1	72.69	8.555		
9,100.0	6,957.9	7,175.7	6,939.8	45.4	31.1	88.70	1,569.7	-386.2	681.1	606.7	74.45	9.149		
9,200.0	6,957.4	7,175.3	6,939.3	47.1	31.1	88.66	1,569.7	-386.2	749.2	672.9	76.22	9.829		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-												Offset Well Error:	0.0 ft
Matrix 23-29 Pad Sec.29-T6N-R65W - Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)													
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	-87.08	12.0	-235.7	236.2				
100.0	100.0	91.5	91.5	0.1	0.1	-87.08	12.0	-235.7	236.0	235.8	0.22	1,096.636	
200.0	200.0	191.5	191.5	0.3	0.3	-87.08	12.0	-235.7	236.0	235.4	0.66	360.244	
300.0	300.0	291.5	291.5	0.6	0.5	-87.08	12.0	-235.7	236.0	234.9	1.10	213.655	
400.0	400.0	391.5	391.5	0.8	0.8	-87.08	12.0	-235.7	236.0	234.5	1.55	151.860	
500.0	500.0	491.5	491.5	1.0	1.0	-87.08	12.0	-235.7	236.0	234.0	2.00	117.792	
600.0	600.0	591.5	591.5	1.2	1.2	-87.08	12.0	-235.7	236.0	233.6	2.45	96.208	
700.0	700.0	691.5	691.5	1.5	1.4	-87.08	12.0	-235.7	236.0	233.1	2.90	81.310	
800.0	800.0	791.5	791.5	1.7	1.7	-87.08	12.0	-235.7	236.0	232.7	3.35	70.406	
900.0	900.0	891.5	891.5	1.9	1.9	-87.08	12.0	-235.7	236.0	232.2	3.80	62.082	
1,000.0	1,000.0	991.5	991.5	2.1	2.1	-87.08	12.0	-235.7	236.0	231.8	4.25	55.517	
1,100.0	1,100.0	1,091.5	1,091.5	2.4	2.3	-87.08	12.0	-235.7	236.0	231.3	4.70	50.209	
1,200.0	1,200.0	1,191.5	1,191.5	2.6	2.6	-87.08	12.0	-235.7	236.0	230.9	5.15	45.826	
1,300.0	1,300.0	1,291.5	1,291.5	2.8	2.8	27.59	12.0	-235.7	234.5	228.9	5.58	42.033	
1,400.0	1,399.8	1,391.3	1,391.3	3.0	3.0	28.24	12.0	-235.7	229.9	223.9	5.99	38.392	
1,500.0	1,499.5	1,491.0	1,491.0	3.2	3.2	29.37	12.0	-235.7	222.2	215.8	6.40	34.731	
1,600.0	1,598.7	1,590.2	1,590.2	3.4	3.5	31.10	12.0	-235.7	211.7	204.8	6.81	31.063	
1,706.3	1,703.7	1,695.2	1,695.2	3.7	3.7	33.76	12.0	-235.7	197.5	190.2	7.27	27.168	
1,800.0	1,795.9	1,787.4	1,787.4	4.0	3.9	36.59	12.0	-235.7	183.9	176.2	7.71	23.867	
1,900.0	1,894.4	1,885.9	1,885.9	4.3	4.1	40.10	12.0	-235.7	170.1	161.9	8.20	20.745	
2,000.0	1,992.8	1,984.3	1,984.3	4.6	4.3	44.21	12.0	-235.7	156.9	148.2	8.72	18.003	
2,100.0	2,091.2	2,082.7	2,082.7	4.9	4.6	49.03	12.0	-235.7	144.7	135.5	9.27	15.617	
2,200.0	2,189.7	2,181.2	2,181.2	5.3	4.8	54.66	12.0	-235.7	133.8	123.9	9.85	13.573	
2,300.0	2,288.1	2,279.6	2,279.6	5.6	5.0	61.21	12.0	-235.7	124.3	113.8	10.48	11.865	
2,400.0	2,386.6	2,378.1	2,378.1	6.0	5.2	68.69	12.0	-235.7	116.8	105.6	11.13	10.494	
2,500.0	2,485.0	2,476.5	2,476.5	6.4	5.5	77.01	12.0	-235.7	111.5	99.7	11.78	9.460	
2,600.0	2,583.4	2,574.9	2,574.9	6.8	5.7	85.93	12.0	-235.7	108.8	96.4	12.42	8.759	
2,644.6	2,627.4	2,618.9	2,618.9	6.9	5.8	90.00	12.0	-235.7	108.5	95.8	12.70	8.549 CC, ES	
2,700.0	2,681.9	2,673.4	2,673.4	7.1	5.9	95.05	12.0	-235.7	109.0	96.0	13.02	8.371	
2,800.0	2,780.3	2,771.8	2,771.8	7.5	6.1	103.92	12.0	-235.7	111.9	98.4	13.55	8.262 SF	
2,900.0	2,878.8	2,870.3	2,870.3	7.9	6.3	112.16	12.0	-235.7	117.5	103.4	14.01	8.383	
3,000.0	2,977.2	2,968.7	2,968.7	8.3	6.6	119.54	12.0	-235.7	125.2	110.8	14.43	8.681	
3,100.0	3,075.7	3,067.2	3,067.2	8.7	6.8	125.99	12.0	-235.7	134.9	120.1	14.81	9.106	
3,200.0	3,174.1	3,165.6	3,165.6	9.1	7.0	131.53	12.0	-235.7	146.0	130.8	15.18	9.616	
3,300.0	3,272.5	3,264.0	3,264.0	9.5	7.2	136.26	12.0	-235.7	158.3	142.7	15.55	10.180	
3,400.0	3,371.0	3,362.5	3,362.5	9.9	7.4	140.30	12.0	-235.7	171.5	155.6	15.92	10.773	
3,500.0	3,469.4	3,460.9	3,460.9	10.3	7.7	143.75	12.0	-235.7	185.5	169.2	16.30	11.379	
3,600.0	3,567.9	3,559.4	3,559.4	10.6	7.9	146.72	12.0	-235.7	200.0	183.3	16.69	11.985	
3,700.0	3,666.3	3,657.8	3,657.8	11.0	8.1	149.28	12.0	-235.7	215.0	197.9	17.08	12.583	
3,800.0	3,764.8	3,756.3	3,756.3	11.4	8.3	151.51	12.0	-235.7	230.3	212.8	17.49	13.170	
3,900.0	3,863.2	3,854.7	3,854.7	11.8	8.6	153.46	12.0	-235.7	246.0	228.1	17.90	13.741	
4,000.0	3,961.6	3,953.1	3,953.1	12.2	8.8	155.17	12.0	-235.7	261.9	243.5	18.32	14.295	
4,100.0	4,060.1	4,051.6	4,051.6	12.6	9.0	156.69	12.0	-235.7	277.9	259.2	18.74	14.830	
4,200.0	4,158.5	4,150.0	4,150.0	13.0	9.2	158.04	12.0	-235.7	294.2	275.0	19.17	15.346	
4,300.0	4,257.0	4,248.5	4,248.5	13.5	9.4	159.25	12.0	-235.7	310.6	291.0	19.61	15.843	
4,400.0	4,355.4	4,346.9	4,346.9	13.9	9.7	160.34	12.0	-235.7	327.2	307.1	20.04	16.321	
4,500.0	4,453.9	4,445.4	4,445.4	14.3	9.9	161.32	12.0	-235.7	343.8	323.3	20.49	16.782	
4,600.0	4,552.3	4,543.8	4,543.8	14.7	10.1	162.22	12.0	-235.7	360.5	339.6	20.93	17.224	
4,700.0	4,650.7	4,642.2	4,642.2	15.1	10.3	163.03	12.0	-235.7	377.3	355.9	21.38	17.650	
4,800.0	4,749.2	4,740.7	4,740.7	15.5	10.5	163.78	12.0	-235.7	394.2	372.4	21.83	18.059	
4,900.0	4,847.6	4,839.1	4,839.1	15.9	10.8	164.46	12.0	-235.7	411.1	388.8	22.28	18.453	
5,000.0	4,946.1	4,937.6	4,937.6	16.3	11.0	165.09	12.0	-235.7	428.1	405.4	22.73	18.832	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 23-29 Pad Sec.29-T6N-R65W - Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)													Offset Site Error:	0.0 ft
Survey Program: 0-Reference													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	
5,100.0	5,044.5	5,036.0	5,036.0	16.7	11.2	165.67	12.0	-235.7	445.1	421.9	23.19	19.196		
5,200.0	5,142.9	5,134.4	5,134.4	17.1	11.4	166.21	12.0	-235.7	462.2	438.6	23.65	19.547		
5,300.0	5,241.4	5,232.9	5,232.9	17.5	11.6	166.71	12.0	-235.7	479.3	455.2	24.10	19.886		
5,400.0	5,339.8	5,331.3	5,331.3	17.9	11.9	167.18	12.0	-235.7	496.4	471.9	24.56	20.211		
5,500.0	5,438.3	5,429.8	5,429.8	18.3	12.1	167.61	12.0	-235.7	513.6	488.6	25.02	20.526		
5,600.0	5,536.7	5,528.2	5,528.2	18.7	12.3	168.02	12.0	-235.7	530.8	505.3	25.48	20.829		
5,700.0	5,635.2	5,626.7	5,626.7	19.1	12.5	168.40	12.0	-235.7	548.0	522.1	25.95	21.121		
5,800.0	5,733.6	5,725.1	5,725.1	19.5	12.8	168.76	12.0	-235.7	565.3	538.9	26.41	21.404		
5,900.0	5,832.0	5,823.5	5,823.5	19.9	13.0	169.10	12.0	-235.7	582.5	555.7	26.87	21.676		
6,000.0	5,930.5	5,922.0	5,922.0	20.3	13.2	169.41	12.0	-235.7	599.8	572.5	27.34	21.940		
6,100.0	6,028.9	6,020.4	6,020.4	20.8	13.4	169.71	12.0	-235.7	617.1	589.3	27.81	22.195		
6,200.0	6,127.4	6,118.9	6,118.9	21.2	13.6	170.00	12.0	-235.7	634.4	606.2	28.27	22.441		
6,282.4	6,208.5	6,200.0	6,200.0	21.5	13.8	170.22	12.0	-235.7	648.7	620.1	28.66	22.638		
6,300.0	6,225.8	6,217.3	6,217.3	21.6	13.9	162.47	12.0	-235.7	651.7	622.9	28.77	22.648		
6,350.0	6,275.2	6,266.7	6,266.7	21.7	14.0	138.31	12.0	-235.7	658.7	629.6	29.06	22.665		
6,400.0	6,324.4	6,315.9	6,315.9	21.8	14.1	116.94	12.0	-235.7	663.9	634.6	29.30	22.659		
6,450.0	6,373.4	6,364.9	6,364.9	22.0	14.2	102.32	12.0	-235.7	667.2	637.7	29.48	22.631		
6,500.0	6,421.7	6,413.2	6,413.2	22.1	14.3	93.31	12.0	-235.7	668.9	639.2	29.63	22.576		
6,550.0	6,469.3	6,460.8	6,460.8	22.2	14.4	87.96	12.0	-235.7	669.0	639.2	29.75	22.489		
6,600.0	6,515.9	6,507.4	6,507.4	22.2	14.5	84.93	12.0	-235.7	667.7	637.8	29.86	22.363		
6,650.0	6,561.2	6,552.7	6,552.7	22.3	14.6	83.45	12.0	-235.7	665.3	635.3	29.97	22.194		
6,700.0	6,605.1	6,596.6	6,596.6	22.3	14.7	83.03	12.0	-235.7	662.0	631.9	30.12	21.981		
6,750.0	6,647.2	6,638.7	6,638.7	22.4	14.8	83.38	12.0	-235.7	658.2	627.9	30.29	21.729		
6,800.0	6,687.5	6,679.0	6,679.0	22.4	14.9	84.27	12.0	-235.7	654.3	623.8	30.51	21.448		
6,850.0	6,725.7	6,717.2	6,717.2	22.4	15.0	85.53	12.0	-235.7	650.5	619.8	30.75	21.154		
6,900.0	6,761.6	6,753.1	6,753.1	22.4	15.1	87.02	12.0	-235.7	647.4	616.4	31.02	20.870		
6,950.0	6,795.0	6,786.5	6,786.5	22.4	15.1	88.60	12.0	-235.7	645.3	614.0	31.30	20.615		
6,994.5	6,822.6	6,814.1	6,814.1	22.4	15.2	90.00	12.0	-235.7	644.6	613.0	31.56	20.428		
7,000.0	6,825.9	6,817.4	6,817.4	22.4	15.2	90.17	12.0	-235.7	644.6	613.0	31.58	20.409		
7,050.0	6,854.0	6,845.5	6,845.5	22.4	15.3	91.61	12.0	-235.7	645.8	613.9	31.86	20.267		
7,100.0	6,879.2	6,870.7	6,870.7	22.5	15.3	92.83	12.0	-235.7	649.2	617.0	32.14	20.197		
7,150.0	6,901.3	6,892.8	6,892.8	22.5	15.4	93.76	12.0	-235.7	655.0	622.6	32.42	20.202		
7,200.0	6,920.4	6,911.9	6,911.9	22.5	15.4	94.33	12.0	-235.7	663.6	630.9	32.72	20.280		
7,250.0	6,936.2	6,927.7	6,927.7	22.6	15.5	94.49	12.0	-235.7	674.9	641.9	33.04	20.429		
7,300.0	6,948.7	6,940.2	6,940.2	22.7	15.5	94.20	12.0	-235.7	689.2	655.8	33.38	20.645		
7,350.0	6,957.9	6,949.4	6,949.4	22.8	15.5	93.42	12.0	-235.7	706.2	672.4	33.74	20.927		
7,400.0	6,963.6	6,955.1	6,955.1	23.0	15.5	92.14	12.0	-235.7	725.8	691.7	34.11	21.279		
7,450.0	6,966.0	6,957.5	6,957.5	23.2	15.5	90.36	12.0	-235.7	747.9	713.5	34.45	21.710		
7,462.3	6,966.0	6,957.5	6,957.5	23.3	15.5	89.85	12.0	-235.7	753.7	719.2	34.53	21.829		
7,462.6	6,966.0	6,957.5	6,957.5	23.3	15.5	89.85	12.0	-235.7	753.8	719.3	34.53	21.832		
7,500.0	6,965.8	6,957.3	6,957.3	23.5	15.5	89.83	12.0	-235.7	772.3	737.5	34.81	22.185		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 677-													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	-79.05	37.5	-194.0	197.9					
100.0	100.0	89.7	89.7	0.1	0.1	-79.08	37.4	-194.0	197.5	197.3	0.21	922.776		
200.0	200.0	189.9	189.9	0.3	0.2	-79.16	37.1	-193.9	197.4	196.8	0.55	357.465		
300.0	300.0	290.1	290.1	0.6	0.3	-79.31	36.6	-193.7	197.2	196.3	0.89	221.445		
400.0	400.0	390.2	390.2	0.8	0.4	-79.52	35.8	-193.6	196.8	195.6	1.23	160.228		
500.0	500.0	490.4	490.4	1.0	0.6	-79.79	34.8	-193.3	196.4	194.8	1.57	125.378		
600.0	600.0	590.6	590.6	1.2	0.7	-80.13	33.6	-193.0	195.9	194.0	1.90	102.856		
700.0	700.0	690.7	690.7	1.5	0.8	-80.52	32.2	-192.6	195.3	193.1	2.25	86.638		
800.0	800.0	790.4	790.3	1.7	1.0	-80.78	31.2	-192.3	194.8	192.1	2.68	72.757		
900.0	900.0	890.0	890.0	1.9	1.2	-80.97	30.5	-192.0	194.4	191.3	3.10	62.631		
927.6	927.6	917.1	917.1	2.0	1.3	-81.00	30.4	-192.0	194.4	191.2	3.22	60.339		
1,000.0	1,000.0	988.6	988.6	2.1	1.4	-80.99	30.5	-192.2	194.6	191.1	3.53	55.180		
1,100.0	1,100.0	1,087.5	1,087.4	2.4	1.6	-80.39	32.6	-192.6	195.3	191.4	3.94	49.527		
1,200.0	1,200.0	1,184.6	1,184.3	2.6	1.8	-78.89	38.0	-193.2	197.0	192.6	4.37	45.115		
1,300.0	1,300.0	1,279.2	1,278.6	2.8	2.0	-38.06	46.3	-195.2	199.5	194.8	4.77	41.822		
1,400.0	1,399.8	1,372.1	1,370.9	3.0	2.2	41.46	56.7	-199.2	202.7	197.5	5.17	39.195		
1,500.0	1,499.5	1,464.3	1,461.9	3.2	2.4	45.57	69.0	-205.8	207.6	202.0	5.59	37.158		
1,600.0	1,598.7	1,558.2	1,554.5	3.4	2.7	49.96	81.8	-215.0	214.1	208.0	6.02	35.537		
1,706.3	1,703.7	1,659.8	1,654.4	3.7	3.0	54.95	95.7	-226.7	221.7	215.2	6.52	34.031		
1,800.0	1,795.9	1,747.2	1,740.2	4.0	3.3	59.60	108.9	-237.0	230.2	223.2	6.98	32.961		
1,900.0	1,894.4	1,836.7	1,827.6	4.3	3.7	64.23	124.7	-248.8	243.5	236.0	7.50	32.462		
2,000.0	1,992.8	1,926.1	1,914.1	4.6	4.1	68.20	141.7	-263.1	261.6	253.5	8.05	32.510		
2,100.0	2,091.2	2,018.8	2,003.4	4.9	4.5	71.48	159.8	-280.4	283.0	274.4	8.61	32.867		
2,200.0	2,189.7	2,114.3	2,095.3	5.3	4.9	74.39	178.6	-298.5	305.5	296.3	9.19	33.234		
2,300.0	2,288.1	2,206.7	2,183.9	5.6	5.4	77.03	198.3	-315.5	329.8	320.0	9.78	33.703		
2,400.0	2,386.6	2,304.6	2,277.8	6.0	5.9	79.60	219.9	-333.0	355.0	344.5	10.41	34.102		
2,500.0	2,485.0	2,402.3	2,371.8	6.4	6.4	81.75	240.3	-350.3	379.6	368.6	11.04	34.381		
2,600.0	2,583.4	2,493.1	2,458.9	6.8	6.8	83.55	259.9	-366.5	405.4	393.8	11.68	34.719		
2,700.0	2,681.9	2,584.4	2,546.2	7.1	7.3	85.20	280.8	-383.0	432.9	420.5	12.33	35.100		
2,800.0	2,780.3	2,675.4	2,633.2	7.5	7.8	86.59	301.9	-400.1	461.2	448.2	13.00	35.480		
2,900.0	2,878.8	2,760.2	2,713.6	7.9	8.4	87.69	322.6	-417.0	491.4	477.7	13.66	35.978		
3,000.0	2,977.2	2,848.7	2,796.8	8.3	8.9	88.51	345.0	-436.9	523.6	509.3	14.34	36.505		
3,100.0	3,075.7	2,954.9	2,897.0	8.7	9.6	89.30	370.7	-461.1	555.0	539.9	15.08	36.800		
3,200.0	3,174.1	3,051.0	2,988.0	9.1	10.1	89.94	392.9	-482.5	585.2	569.4	15.79	37.063		
3,300.0	3,272.5	3,149.4	3,081.0	9.5	10.7	90.47	415.9	-505.2	616.1	599.6	16.52	37.288		
3,400.0	3,371.0	3,254.1	3,180.6	9.9	11.3	90.94	437.9	-528.8	644.6	627.4	17.28	37.307		
3,500.0	3,469.4	3,348.9	3,270.8	10.3	11.9	91.43	458.7	-549.3	673.7	655.7	18.00	37.418		
3,600.0	3,567.9	3,454.9	3,371.9	10.6	12.5	91.98	481.1	-571.3	701.8	683.0	18.77	37.392		
3,700.0	3,666.3	3,553.3	3,466.2	11.0	13.0	92.45	501.0	-591.4	728.9	709.4	19.51	37.365		
3,800.0	3,764.8	3,655.3	3,564.1	11.4	13.6	92.96	521.7	-611.4	755.9	735.6	20.26	37.300		
3,900.0	3,863.2	3,744.9	3,650.0	11.8	14.1	93.30	539.2	-629.9	782.6	761.6	20.99	37.282		
7,250.0	6,936.2	7,096.8	6,924.6	22.6	26.2	-22.11	915.9	-1,025.8	771.0	746.1	24.89	30.970		
7,300.0	6,948.7	7,109.4	6,937.3	22.7	26.2	-31.89	915.9	-1,025.6	723.0	695.1	27.90	25.909		
7,350.0	6,957.9	7,118.7	6,946.6	22.8	26.2	-46.37	916.0	-1,025.5	674.4	641.0	33.35	20.223		
7,400.0	6,963.6	7,124.6	6,952.5	23.0	26.2	-65.84	916.0	-1,025.3	625.4	586.3	39.10	15.996		
7,450.0	6,966.0	7,127.2	6,955.0	23.2	26.2	-86.52	916.0	-1,025.3	576.4	535.3	41.16	14.003		
7,462.3	6,966.0	7,127.3	6,955.1	23.3	26.2	-91.11	916.0	-1,025.3	564.4	523.4	40.96	13.780		
7,462.6	6,966.0	7,127.3	6,955.1	23.3	26.2	-91.12	916.0	-1,025.3	564.1	523.2	40.96	13.773		
7,500.0	6,965.8	7,127.3	6,955.1	23.5	26.2	-91.12	916.0	-1,025.3	527.6	486.4	41.24	12.794		
7,600.0	6,965.3	7,127.2	6,955.1	24.1	26.2	-91.11	916.0	-1,025.3	430.9	388.6	42.24	10.200		
7,700.0	6,964.8	7,127.2	6,955.1	25.0	26.2	-91.10	916.0	-1,025.3	336.0	292.7	43.37	7.748		
7,800.0	6,964.3	7,127.2	6,955.1	26.0	26.2	-91.08	916.0	-1,025.3	245.3	200.7	44.61	5.499		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 23-29 Pad Sec.29-T6N-R65W - Matrix 24-29-17 - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 677-Reference												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
7,900.0	6,963.8	7,127.2	6,955.0	27.1	26.2	-91.07	916.0	-1,025.3	165.7	119.7	45.93	3.606	
8,000.0	6,963.4	7,127.1	6,955.0	28.4	26.2	-91.06	916.0	-1,025.3	121.3	73.9	47.34	2.561	
8,013.7	6,963.3	7,127.1	6,955.0	28.5	26.2	-91.06	916.0	-1,025.3	120.5	72.9	47.54	2.534	CC, ES, SF
8,100.0	6,962.9	7,127.1	6,955.0	29.7	26.2	-91.05	916.0	-1,025.3	148.2	99.4	48.81	3.036	
8,200.0	6,962.4	7,127.1	6,955.0	31.1	26.2	-91.03	916.0	-1,025.3	221.9	171.5	50.33	4.408	
8,300.0	6,961.9	7,127.1	6,954.9	32.5	26.2	-91.02	916.0	-1,025.3	310.6	258.7	51.90	5.985	
8,400.0	6,961.4	7,127.0	6,954.9	34.0	26.2	-91.01	916.0	-1,025.3	404.7	351.1	53.51	7.562	
8,500.0	6,960.9	7,127.0	6,954.9	35.5	26.2	-91.00	916.0	-1,025.3	501.0	445.9	55.15	9.084	
8,600.0	6,960.4	7,127.0	6,954.9	37.1	26.2	-90.98	916.0	-1,025.3	598.6	541.7	56.83	10.533	
8,700.0	6,959.9	7,127.0	6,954.8	38.7	26.2	-90.97	916.0	-1,025.3	696.8	638.3	58.52	11.907	
8,800.0	6,959.4	7,126.9	6,954.8	40.4	26.2	-90.96	916.0	-1,025.3	795.5	735.2	60.24	13.205	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Matrix 29- Pad Sec.29-T6N-R65W - Matrix A-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	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	-120.75	-38.3	-64.3	74.8							
100.0	100.0	100.0	100.0	0.1	0.1	-120.75	-38.3	-64.3	74.8	74.6	0.22	332.828				
200.0	200.0	200.0	200.0	0.3	0.3	-120.75	-38.3	-64.3	74.8	74.1	0.67	110.943	CC, ES			
300.0	300.0	297.6	297.6	0.6	0.5	-120.24	-38.4	-65.9	76.4	75.3	1.11	68.956				
400.0	400.0	395.1	394.9	0.8	0.8	-118.81	-39.0	-70.9	81.1	79.5	1.55	52.362				
500.0	500.0	492.0	491.5	1.0	1.0	-116.77	-39.9	-79.1	89.0	87.0	2.02	44.150				
600.0	600.0	588.3	587.1	1.2	1.3	-114.47	-41.1	-90.4	100.2	97.6	2.51	39.829				
700.0	700.0	683.7	681.4	1.5	1.6	-112.19	-42.7	-104.8	114.7	111.6	3.05	37.574				
800.0	800.0	778.1	774.2	1.7	2.0	-110.09	-44.6	-122.1	132.5	128.9	3.63	36.507				
900.0	900.0	871.2	865.1	1.9	2.4	-108.25	-46.9	-142.1	153.6	149.4	4.25	36.153				
1,000.0	1,000.0	962.9	953.9	2.1	2.8	-106.69	-49.4	-164.6	178.0	173.1	4.91	36.241				
1,100.0	1,100.0	1,053.0	1,040.4	2.4	3.3	-105.37	-52.1	-189.6	205.4	199.8	5.61	36.604				
1,200.0	1,200.0	1,141.4	1,124.5	2.6	3.9	-104.27	-55.1	-216.6	235.9	229.6	6.35	37.180				
1,300.0	1,300.0	1,235.7	1,213.7	2.8	4.5	11.10	-58.5	-247.2	266.6	260.9	5.76	46.327				
1,400.0	1,399.8	1,331.7	1,304.5	3.0	5.1	11.96	-61.9	-278.2	294.1	287.9	6.21	47.390				
1,500.0	1,499.5	1,428.6	1,396.1	3.2	5.8	12.80	-65.4	-309.6	318.4	311.7	6.67	47.707				
1,600.0	1,598.7	1,526.2	1,488.4	3.4	6.4	13.65	-68.9	-341.2	339.4	332.2	7.15	47.455				
1,706.3	1,703.7	1,630.7	1,587.2	3.7	7.2	14.61	-72.6	-375.0	358.2	350.5	7.67	46.682				
1,800.0	1,795.9	1,723.0	1,674.4	4.0	7.8	15.52	-75.9	-404.9	373.2	365.1	8.16	45.745				
1,900.0	1,894.4	1,821.5	1,767.6	4.3	8.5	16.41	-79.4	-436.8	389.4	380.7	8.69	44.814				
2,000.0	1,992.8	1,920.0	1,860.7	4.6	9.2	17.23	-83.0	-468.7	405.6	396.3	9.23	43.948				
2,100.0	2,091.2	2,018.5	1,953.9	4.9	9.8	17.99	-86.5	-500.5	421.9	412.1	9.78	43.141				
2,200.0	2,189.7	2,117.0	2,047.0	5.3	10.5	18.69	-90.0	-532.4	438.2	427.9	10.34	42.389				
2,300.0	2,288.1	2,215.6	2,140.2	5.6	11.2	19.34	-93.5	-564.3	454.6	443.7	10.91	41.687				
2,400.0	2,386.6	2,314.1	2,233.3	6.0	11.9	19.95	-97.1	-596.2	471.1	459.6	11.48	41.030				
2,500.0	2,485.0	2,412.6	2,326.5	6.4	12.6	20.51	-100.6	-628.1	487.6	475.5	12.06	40.416				
2,600.0	2,583.4	2,511.1	2,419.6	6.8	13.3	21.04	-104.1	-660.0	504.1	491.5	12.65	39.840				
2,700.0	2,681.9	2,609.6	2,512.7	7.1	14.0	21.54	-107.6	-691.9	520.7	507.5	13.25	39.300				
2,800.0	2,780.3	2,708.1	2,605.9	7.5	14.6	22.00	-111.2	-723.8	537.4	523.5	13.85	38.792				
2,900.0	2,878.8	2,806.7	2,699.0	7.9	15.3	22.44	-114.7	-755.6	554.0	539.6	14.46	38.315				
3,000.0	2,977.2	2,905.2	2,792.2	8.3	16.0	22.85	-118.2	-787.5	570.7	555.7	15.07	37.866				
3,100.0	3,075.7	3,003.7	2,885.3	8.7	16.7	23.24	-121.8	-819.4	587.4	571.8	15.69	37.443				
3,200.0	3,174.1	3,102.2	2,978.5	9.1	17.4	23.60	-125.3	-851.3	604.2	587.9	16.31	37.043				
3,300.0	3,272.5	3,200.7	3,071.6	9.5	18.1	23.95	-128.8	-883.2	621.0	604.0	16.94	36.666				
3,400.0	3,371.0	3,299.2	3,164.8	9.9	18.8	24.28	-132.3	-915.1	637.7	620.2	17.56	36.309				
3,500.0	3,469.4	3,397.8	3,257.9	10.3	19.5	24.59	-135.9	-947.0	654.6	636.4	18.20	35.971				
3,600.0	3,567.9	3,496.3	3,351.1	10.6	20.1	24.88	-139.4	-978.9	671.4	652.5	18.83	35.651				
3,700.0	3,666.3	3,594.8	3,444.2	11.0	20.8	25.16	-142.9	-1,010.7	688.2	668.7	19.47	35.347				
3,800.0	3,764.8	3,693.3	3,537.4	11.4	21.5	25.43	-146.4	-1,042.6	705.1	685.0	20.11	35.058				
3,900.0	3,863.2	3,791.8	3,630.5	11.8	22.2	25.69	-150.0	-1,074.5	721.9	701.2	20.76	34.784				
4,000.0	3,961.6	3,890.3	3,723.7	12.2	22.9	25.93	-153.5	-1,106.4	738.8	717.4	21.40	34.523				
4,100.0	4,060.1	3,988.9	3,816.8	12.6	23.6	26.16	-157.0	-1,138.3	755.7	733.7	22.05	34.274				
4,200.0	4,158.5	4,087.4	3,909.9	13.0	24.3	26.39	-160.5	-1,170.2	772.6	749.9	22.70	34.037				
4,300.0	4,257.0	4,185.9	4,003.1	13.5	25.0	26.60	-164.1	-1,202.1	789.5	766.2	23.35	33.810	SF			

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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	-120.73	-30.6	-51.5	59.9					
100.0	100.0	100.0	100.0	0.1	0.1	-120.73	-30.6	-51.5	59.9	59.7	0.22	266.475		
200.0	200.0	200.0	200.0	0.3	0.3	-120.73	-30.6	-51.5	59.9	59.2	0.67	88.825		
300.0	300.0	300.0	300.0	0.6	0.6	-120.73	-30.6	-51.5	59.9	58.8	1.12	53.295		
400.0	400.0	400.0	400.0	0.8	0.8	-120.73	-30.6	-51.5	59.9	58.3	1.57	38.068 CC, ES		
500.0	500.0	498.1	498.0	1.0	1.0	-120.14	-30.9	-53.1	61.5	59.5	2.01	30.664		
600.0	600.0	595.9	595.7	1.2	1.2	-118.54	-31.6	-58.1	66.3	63.8	2.44	27.201		
700.0	700.0	693.3	692.8	1.5	1.4	-116.35	-32.8	-66.3	74.4	71.5	2.89	25.728		
800.0	800.0	790.0	788.8	1.7	1.7	-113.99	-34.6	-77.7	85.8	82.4	3.37	25.433		
900.0	900.0	885.8	883.5	1.9	2.0	-111.75	-36.7	-92.1	100.5	96.7	3.89	25.848		
1,000.0	1,000.0	980.5	976.6	2.1	2.3	-109.78	-39.4	-109.4	118.6	114.2	4.45	26.686		
1,100.0	1,100.0	1,074.0	1,067.8	2.4	2.7	-108.13	-42.4	-129.5	140.0	135.0	5.04	27.763		
1,200.0	1,200.0	1,166.0	1,156.9	2.6	3.1	-106.76	-45.8	-152.1	164.6	158.9	5.68	28.964		
1,300.0	1,300.0	1,258.8	1,246.1	2.8	3.6	8.84	-49.7	-177.7	190.5	184.9	5.61	33.982		
1,400.0	1,399.8	1,356.0	1,339.2	3.0	4.2	9.90	-53.8	-205.0	213.9	207.8	6.04	35.405		
1,500.0	1,499.5	1,453.9	1,433.1	3.2	4.7	10.91	-58.0	-232.6	233.9	227.4	6.48	36.087		
1,600.0	1,598.7	1,552.4	1,527.5	3.4	5.3	11.92	-62.2	-260.3	250.7	243.7	6.94	36.126		
1,706.3	1,703.7	1,657.6	1,628.3	3.7	5.9	13.04	-66.7	-289.9	264.9	257.4	7.43	35.624		
1,800.0	1,795.9	1,750.5	1,717.4	4.0	6.5	14.07	-70.6	-316.1	275.8	267.9	7.90	34.896		
1,900.0	1,894.4	1,849.7	1,812.5	4.3	7.1	15.09	-74.8	-344.0	287.6	279.1	8.41	34.171		
2,000.0	1,992.8	1,948.9	1,907.6	4.6	7.7	16.02	-79.1	-371.9	299.4	290.5	8.94	33.498		
2,100.0	2,091.2	2,048.1	2,002.6	4.9	8.3	16.88	-83.3	-399.9	311.3	301.8	9.47	32.870		
2,200.0	2,189.7	2,147.2	2,097.7	5.3	8.9	17.68	-87.5	-427.8	323.3	313.3	10.01	32.285		
2,300.0	2,288.1	2,246.4	2,192.8	5.6	9.5	18.42	-91.7	-455.7	335.3	324.8	10.57	31.738		
2,400.0	2,386.6	2,345.6	2,287.9	6.0	10.1	19.11	-96.0	-483.6	347.4	336.3	11.13	31.226		
2,500.0	2,485.0	2,444.8	2,382.9	6.4	10.7	19.76	-100.2	-511.5	359.5	347.8	11.69	30.747		
2,600.0	2,583.4	2,544.0	2,478.0	6.8	11.3	20.36	-104.4	-539.5	371.7	359.4	12.27	30.298		
2,700.0	2,681.9	2,643.2	2,573.1	7.1	11.9	20.92	-108.6	-567.4	383.9	371.1	12.85	29.876		
2,800.0	2,780.3	2,742.3	2,668.2	7.5	12.5	21.45	-112.9	-595.3	396.2	382.7	13.44	29.480		
2,900.0	2,878.8	2,841.5	2,763.2	7.9	13.1	21.95	-117.1	-623.2	408.4	394.4	14.03	29.107		
3,000.0	2,977.2	2,940.7	2,858.3	8.3	13.7	22.42	-121.3	-651.2	420.8	406.1	14.63	28.756		
3,100.0	3,075.7	3,039.9	2,953.4	8.7	14.3	22.86	-125.5	-679.1	433.1	417.9	15.24	28.425		
3,200.0	3,174.1	3,139.1	3,048.5	9.1	14.9	23.28	-129.7	-707.0	445.4	429.6	15.84	28.113		
3,300.0	3,272.5	3,238.2	3,143.6	9.5	15.5	23.67	-134.0	-734.9	457.8	441.4	16.46	27.818		
3,400.0	3,371.0	3,337.4	3,238.6	9.9	16.1	24.04	-138.2	-762.9	470.2	453.1	17.07	27.539		
3,500.0	3,469.4	3,436.6	3,333.7	10.3	16.7	24.40	-142.4	-790.8	482.6	464.9	17.70	27.274		
3,600.0	3,567.9	3,535.8	3,428.8	10.6	17.3	24.74	-146.6	-818.7	495.1	476.8	18.32	27.024		
3,700.0	3,666.3	3,635.0	3,523.9	11.0	17.9	25.06	-150.9	-846.6	507.5	488.6	18.95	26.786		
3,800.0	3,764.8	3,734.2	3,618.9	11.4	18.5	25.36	-155.1	-874.6	520.0	500.4	19.58	26.560		
3,900.0	3,863.2	3,833.3	3,714.0	11.8	19.1	25.65	-159.3	-902.5	532.5	512.3	20.21	26.346		
4,000.0	3,961.6	3,932.5	3,809.1	12.2	19.8	25.93	-163.5	-930.4	545.0	524.1	20.85	26.142		
4,100.0	4,060.1	4,031.7	3,904.2	12.6	20.4	26.19	-167.8	-958.3	557.5	536.0	21.48	25.947		
4,200.0	4,158.5	4,130.9	3,999.2	13.0	21.0	26.45	-172.0	-986.3	570.0	547.9	22.13	25.762		
4,300.0	4,257.0	4,230.1	4,094.3	13.5	21.6	26.69	-176.2	-1,014.2	582.5	559.7	22.77	25.584		
4,400.0	4,355.4	4,329.3	4,189.4	13.9	22.2	26.92	-180.4	-1,042.1	595.0	571.6	23.41	25.415		
4,500.0	4,453.9	4,428.4	4,284.5	14.3	22.8	27.14	-184.7	-1,070.0	607.6	583.5	24.06	25.254		
4,600.0	4,552.3	4,527.6	4,379.6	14.7	23.4	27.36	-188.9	-1,097.9	620.1	595.4	24.71	25.099		
4,700.0	4,650.7	4,626.8	4,474.6	15.1	24.0	27.56	-193.1	-1,125.9	632.7	607.4	25.36	24.951		
4,800.0	4,749.2	4,726.0	4,569.7	15.5	24.6	27.76	-197.3	-1,153.8	645.3	619.3	26.01	24.809		
4,900.0	4,847.6	4,825.2	4,664.8	15.9	25.2	27.95	-201.5	-1,181.7	657.9	631.2	26.66	24.673		
5,000.0	4,946.1	4,924.4	4,759.9	16.3	25.8	28.13	-205.8	-1,209.6	670.4	643.1	27.32	24.543		
5,100.0	5,044.5	5,023.5	4,854.9	16.7	26.4	28.31	-210.0	-1,237.6	683.0	655.1	27.97	24.417		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix B-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									
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
5,200.0	5,142.9	5,122.7	4,950.0	17.1	27.1	28.48	-214.2	-1,265.5	695.6	667.0	28.63	24.297	
5,300.0	5,241.4	5,221.9	5,045.1	17.5	27.7	28.64	-218.4	-1,293.4	708.2	678.9	29.29	24.181	
5,400.0	5,339.8	5,321.1	5,140.2	17.9	28.3	28.80	-222.7	-1,321.3	720.8	690.9	29.95	24.069	
5,500.0	5,438.3	5,420.3	5,235.3	18.3	28.9	28.95	-226.9	-1,349.3	733.5	702.8	30.61	23.962	
5,600.0	5,536.7	5,519.5	5,330.3	18.7	29.5	29.10	-231.1	-1,377.2	746.1	714.8	31.27	23.858	
5,700.0	5,635.2	5,618.6	5,425.4	19.1	30.1	29.24	-235.3	-1,405.1	758.7	726.8	31.93	23.759	
5,800.0	5,733.6	5,717.8	5,520.5	19.5	30.7	29.38	-239.6	-1,433.0	771.3	738.7	32.60	23.662	
5,900.0	5,832.0	5,817.0	5,615.6	19.9	31.3	29.51	-243.8	-1,461.0	784.0	750.7	33.26	23.569	
6,000.0	5,930.5	5,916.2	5,710.6	20.3	31.9	29.64	-248.0	-1,488.9	796.6	762.7	33.93	23.480 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix C-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	-120.69	-23.0	-38.7	45.0					
100.0	100.0	100.0	100.0	0.1	0.1	-120.69	-23.0	-38.7	45.0	44.8	0.22	200.150		
200.0	200.0	200.0	200.0	0.3	0.3	-120.69	-23.0	-38.7	45.0	44.3	0.67	66.717		
300.0	300.0	300.0	300.0	0.6	0.6	-120.69	-23.0	-38.7	45.0	43.9	1.12	40.030		
400.0	400.0	400.0	400.0	0.8	0.8	-120.69	-23.0	-38.7	45.0	43.4	1.57	28.593		
500.0	500.0	500.0	500.0	1.0	1.0	-120.69	-23.0	-38.7	45.0	43.0	2.02	22.239		
600.0	600.0	600.0	600.0	1.2	1.2	-120.69	-23.0	-38.7	45.0	42.5	2.47	18.195 CC, ES		
700.0	700.0	698.5	698.5	1.5	1.4	-120.03	-23.3	-40.3	46.6	43.7	2.90	16.056		
800.0	800.0	796.8	796.6	1.7	1.6	-118.29	-24.4	-45.3	51.5	48.2	3.33	15.478		
900.0	900.0	894.6	894.0	1.9	1.9	-116.04	-26.1	-53.5	59.8	56.0	3.77	15.847		
1,000.0	1,000.0	991.7	990.5	2.1	2.1	-113.78	-28.6	-64.8	71.5	67.2	4.24	16.839		
1,100.0	1,100.0	1,087.9	1,085.5	2.4	2.4	-111.78	-31.6	-79.2	86.5	81.8	4.75	18.229		
1,200.0	1,200.0	1,183.0	1,179.0	2.6	2.7	-110.12	-35.4	-96.5	104.9	99.6	5.28	19.852		
1,300.0	1,300.0	1,277.2	1,270.9	2.8	3.1	5.71	-39.7	-116.6	124.8	119.3	5.52	22.610		
1,400.0	1,399.8	1,373.6	1,364.4	3.0	3.5	6.98	-44.6	-139.6	144.1	138.1	5.94	24.262		
1,500.0	1,499.5	1,472.2	1,460.0	3.2	4.0	8.14	-49.7	-163.4	160.2	153.9	6.36	25.189		
1,600.0	1,598.7	1,571.4	1,556.0	3.4	4.5	9.26	-54.8	-187.4	173.0	166.2	6.79	25.468		
1,706.3	1,703.7	1,677.1	1,658.5	3.7	5.0	10.51	-60.3	-212.9	183.0	175.7	7.26	25.188		
1,800.0	1,795.9	1,770.5	1,749.0	4.0	5.5	11.63	-65.1	-235.5	190.1	182.4	7.71	24.640		
1,900.0	1,894.4	1,870.1	1,845.5	4.3	6.0	12.74	-70.3	-259.5	197.8	189.6	8.21	24.098		
2,000.0	1,992.8	1,969.7	1,942.1	4.6	6.5	13.77	-75.4	-283.6	205.5	196.8	8.71	23.595		
2,100.0	2,091.2	2,069.4	2,038.6	4.9	7.0	14.72	-80.6	-307.6	213.3	204.1	9.22	23.128		
2,200.0	2,189.7	2,169.0	2,135.2	5.3	7.5	15.60	-85.8	-331.7	221.2	211.4	9.75	22.692		
2,300.0	2,288.1	2,268.6	2,231.7	5.6	8.0	16.42	-90.9	-355.7	229.1	218.8	10.28	22.286		
2,400.0	2,386.6	2,368.3	2,328.3	6.0	8.6	17.19	-96.1	-379.8	237.1	226.2	10.82	21.906		
2,500.0	2,485.0	2,467.9	2,424.8	6.4	9.1	17.91	-101.2	-403.9	245.1	233.7	11.37	21.551		
2,600.0	2,583.4	2,567.6	2,521.4	6.8	9.6	18.58	-106.4	-427.9	253.1	241.2	11.93	21.218		
2,700.0	2,681.9	2,667.2	2,617.9	7.1	10.1	19.21	-111.5	-452.0	261.1	248.7	12.49	20.906		
2,800.0	2,780.3	2,766.8	2,714.5	7.5	10.7	19.80	-116.7	-476.0	269.2	256.2	13.06	20.613		
2,900.0	2,878.8	2,866.5	2,811.0	7.9	11.2	20.36	-121.8	-500.1	277.4	263.7	13.64	20.337		
3,000.0	2,977.2	2,966.1	2,907.6	8.3	11.7	20.89	-127.0	-524.2	285.5	271.3	14.22	20.077		
3,100.0	3,075.7	3,065.7	3,004.1	8.7	12.3	21.38	-132.2	-548.2	293.7	278.9	14.81	19.832		
3,200.0	3,174.1	3,165.4	3,100.7	9.1	12.8	21.85	-137.3	-572.3	301.9	286.5	15.40	19.601		
3,300.0	3,272.5	3,265.0	3,197.2	9.5	13.3	22.30	-142.5	-596.3	310.1	294.1	16.00	19.383		
3,400.0	3,371.0	3,364.6	3,293.7	9.9	13.9	22.72	-147.6	-620.4	318.3	301.7	16.60	19.177		
3,500.0	3,469.4	3,464.3	3,390.3	10.3	14.4	23.12	-152.8	-644.4	326.5	309.3	17.20	18.981		
3,600.0	3,567.9	3,563.9	3,486.8	10.6	14.9	23.50	-157.9	-668.5	334.8	317.0	17.81	18.796		
3,700.0	3,666.3	3,663.5	3,583.4	11.0	15.5	23.87	-163.1	-692.6	343.1	324.6	18.42	18.620		
3,800.0	3,764.8	3,763.2	3,679.9	11.4	16.0	24.21	-168.2	-716.6	351.3	332.3	19.04	18.453		
3,900.0	3,863.2	3,862.8	3,776.5	11.8	16.5	24.54	-173.4	-740.7	359.6	340.0	19.66	18.295		
4,000.0	3,961.6	3,962.4	3,873.0	12.2	17.1	24.86	-178.6	-764.7	367.9	347.7	20.28	18.144		
4,100.0	4,060.1	4,062.1	3,969.6	12.6	17.6	25.16	-183.7	-788.8	376.3	355.4	20.90	18.000		
4,200.0	4,158.5	4,161.7	4,066.1	13.0	18.1	25.45	-188.9	-812.8	384.6	363.1	21.53	17.863		
4,300.0	4,257.0	4,261.3	4,162.7	13.5	18.7	25.72	-194.0	-836.9	392.9	370.8	22.16	17.732		
4,400.0	4,355.4	4,361.0	4,259.2	13.9	19.2	25.99	-199.2	-861.0	401.3	378.5	22.79	17.608		
4,500.0	4,453.9	4,460.6	4,355.8	14.3	19.7	26.24	-204.3	-885.0	409.6	386.2	23.42	17.488		
4,600.0	4,552.3	4,560.2	4,452.3	14.7	20.3	26.49	-209.5	-909.1	418.0	393.9	24.06	17.374		
4,700.0	4,650.7	4,659.9	4,548.9	15.1	20.8	26.72	-214.6	-933.1	426.3	401.7	24.69	17.265		
4,800.0	4,749.2	4,759.5	4,645.4	15.5	21.3	26.94	-219.8	-957.2	434.7	409.4	25.33	17.160		
4,900.0	4,847.6	4,859.1	4,742.0	15.9	21.9	27.16	-225.0	-981.3	443.1	417.1	25.97	17.060		
5,000.0	4,946.1	4,958.8	4,838.5	16.3	22.4	27.37	-230.1	-1,005.3	451.5	424.9	26.62	16.964		
5,100.0	5,044.5	5,058.4	4,935.1	16.7	22.9	27.57	-235.3	-1,029.4	459.9	432.6	27.26	16.871		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix C-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						
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
5,200.0	5,142.9	5,158.0	5,031.6	17.1	23.5	27.76	-240.4	-1,053.4	468.3	440.4	27.90	16.782	
5,300.0	5,241.4	5,257.7	5,128.2	17.5	24.0	27.95	-245.6	-1,077.5	476.7	448.1	28.55	16.697	
5,400.0	5,339.8	5,357.3	5,224.7	17.9	24.5	28.13	-250.7	-1,101.5	485.1	455.9	29.20	16.615	
5,500.0	5,438.3	5,456.9	5,321.3	18.3	25.1	28.31	-255.9	-1,125.6	493.5	463.7	29.84	16.536	
5,600.0	5,536.7	5,556.6	5,417.8	18.7	25.6	28.47	-261.0	-1,149.7	501.9	471.4	30.49	16.460	
5,700.0	5,635.2	5,656.2	5,514.4	19.1	26.1	28.64	-266.2	-1,173.7	510.3	479.2	31.14	16.386	
5,800.0	5,733.6	5,755.9	5,610.9	19.5	26.7	28.79	-271.4	-1,197.8	518.8	487.0	31.80	16.315	
5,900.0	5,832.0	5,855.5	5,707.5	19.9	27.2	28.95	-276.5	-1,221.8	527.2	494.8	32.45	16.247	
6,000.0	5,930.5	5,955.1	5,804.0	20.3	27.8	29.09	-281.7	-1,245.9	535.6	502.5	33.10	16.181	
6,100.0	6,028.9	6,054.8	5,900.6	20.8	28.3	29.24	-286.8	-1,269.9	544.1	510.3	33.76	16.117	
6,200.0	6,127.4	6,154.4	5,997.1	21.2	28.8	29.38	-292.0	-1,294.0	552.5	518.1	34.41	16.056	
6,282.4	6,208.5	6,236.5	6,076.6	21.5	29.3	29.49	-296.2	-1,313.8	559.5	524.5	34.95	16.006	
6,300.0	6,225.8	6,254.0	6,093.7	21.6	29.4	21.99	-297.1	-1,318.1	560.9	525.8	35.09	15.985	
6,350.0	6,275.2	6,303.8	6,141.9	21.7	29.6	-1.96	-299.7	-1,330.1	564.9	529.5	35.38	15.967	
6,400.0	6,324.4	6,353.3	6,189.9	21.8	29.9	-23.86	-302.3	-1,342.0	568.4	532.9	35.52	16.002	
6,450.0	6,373.4	6,402.4	6,237.4	22.0	30.2	-39.71	-304.8	-1,353.9	571.8	536.3	35.54	16.087	
6,500.0	6,421.7	6,450.7	6,284.2	22.1	30.4	-50.59	-307.3	-1,365.5	575.1	539.6	35.46	16.217	
6,550.0	6,469.3	6,497.7	6,329.8	22.2	30.7	-58.38	-309.6	-1,376.9	578.4	543.1	35.30	16.385	
6,600.0	6,515.9	6,544.2	6,374.9	22.2	30.9	-64.17	-309.6	-1,388.2	582.1	547.0	35.12	16.575	
6,650.0	6,561.2	6,591.8	6,421.0	22.3	31.1	-68.69	-306.5	-1,399.7	586.2	551.2	34.95	16.773	
6,700.0	6,605.1	6,640.5	6,467.8	22.3	31.3	-72.38	-300.1	-1,411.4	590.6	555.8	34.80	16.974	
6,750.0	6,647.2	6,690.4	6,515.2	22.4	31.4	-75.50	-290.1	-1,423.3	595.4	560.7	34.67	17.172	
6,800.0	6,687.5	6,741.5	6,562.9	22.4	31.6	-78.20	-276.3	-1,435.4	600.4	565.8	34.58	17.362	
6,850.0	6,725.7	6,794.1	6,610.9	22.4	31.8	-80.59	-258.6	-1,447.5	605.7	571.2	34.53	17.540	
6,900.0	6,761.6	6,848.2	6,658.8	22.4	32.0	-82.74	-236.6	-1,459.6	611.2	576.7	34.53	17.701	
6,950.0	6,795.0	6,903.9	6,706.3	22.4	32.1	-84.69	-210.1	-1,471.6	616.9	582.3	34.58	17.840	
7,000.0	6,825.9	6,961.3	6,752.9	22.4	32.3	-86.48	-178.9	-1,483.5	622.6	587.9	34.68	17.954	
7,050.0	6,854.0	7,020.4	6,798.3	22.4	32.4	-88.12	-142.8	-1,495.2	628.4	593.5	34.84	18.038	
7,100.0	6,879.2	7,081.4	6,842.0	22.5	32.5	-89.62	-101.7	-1,506.4	634.0	599.0	35.05	18.090	
7,150.0	6,901.3	7,144.3	6,883.2	22.5	32.7	-91.00	-55.5	-1,517.0	639.5	604.2	35.32	18.107	
7,200.0	6,920.4	7,209.2	6,921.4	22.5	32.8	-92.26	-4.1	-1,527.0	644.7	609.0	35.65	18.082	
7,250.0	6,936.2	7,275.9	6,955.9	22.6	32.9	-93.39	52.3	-1,536.0	649.5	613.5	36.06	18.011	
7,300.0	6,948.7	7,344.5	6,985.9	22.7	33.1	-94.39	113.5	-1,544.0	653.9	617.4	36.52	17.907	
7,350.0	6,957.9	7,414.8	7,010.5	22.8	33.3	-95.26	179.0	-1,550.6	657.7	620.6	37.06	17.746	
7,400.0	6,963.6	7,486.7	7,029.2	23.0	33.4	-95.98	248.2	-1,555.8	660.8	623.1	37.68	17.538	
7,450.0	6,966.0	7,560.0	7,041.2	23.2	33.6	-96.54	320.3	-1,559.4	663.1	624.8	38.37	17.282	
7,462.3	6,966.0	7,578.2	7,043.0	23.3	33.7	-96.66	338.5	-1,560.0	663.6	625.0	38.56	17.212	
7,462.6	6,966.0	7,578.6	7,043.1	23.3	33.7	-96.66	338.8	-1,560.0	663.6	625.0	38.56	17.210	
7,500.0	6,965.8	7,634.4	7,045.9	23.5	33.9	-96.92	394.5	-1,561.2	664.4	625.1	39.25	16.928	
7,600.0	6,965.3	7,739.3	7,045.4	24.1	34.3	-96.93	499.4	-1,561.8	664.4	623.2	41.21	16.125	
7,700.0	6,964.8	7,839.3	7,044.8	25.0	34.8	-96.92	599.4	-1,562.5	664.4	621.1	43.35	15.329	
7,800.0	6,964.3	7,939.3	7,044.2	26.0	35.4	-96.91	699.4	-1,563.1	664.4	618.7	45.71	14.537	
7,900.0	6,963.8	8,039.3	7,043.6	27.1	36.1	-96.90	799.4	-1,563.7	664.4	616.2	48.25	13.769	
8,000.0	6,963.4	8,139.3	7,043.0	28.4	36.9	-96.89	899.4	-1,564.4	664.4	613.4	50.96	13.037	
8,100.0	6,962.9	8,239.3	7,042.4	29.7	37.8	-96.88	999.4	-1,565.0	664.4	610.6	53.81	12.348	
8,200.0	6,962.4	8,339.3	7,041.8	31.1	38.8	-96.87	1,099.4	-1,565.6	664.4	607.6	56.77	11.704	
8,300.0	6,961.9	8,439.3	7,041.2	32.5	39.8	-96.85	1,199.4	-1,566.2	664.4	604.6	59.82	11.106	
8,400.0	6,961.4	8,539.3	7,040.6	34.0	41.0	-96.84	1,299.4	-1,566.9	664.4	601.4	62.97	10.551	
8,500.0	6,960.9	8,639.3	7,040.0	35.5	42.2	-96.83	1,399.4	-1,567.5	664.4	598.2	66.18	10.039	
8,600.0	6,960.4	8,739.3	7,039.3	37.1	43.5	-96.82	1,499.4	-1,568.1	664.4	594.9	69.46	9.565	
8,700.0	6,959.9	8,839.3	7,038.7	38.7	44.8	-96.81	1,599.4	-1,568.8	664.4	591.6	72.79	9.127	
8,800.0	6,959.4	8,939.3	7,038.1	40.4	46.2	-96.80	1,699.4	-1,569.4	664.4	588.2	76.17	8.723	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix C-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	
8,900.0	6,958.9	9,039.3	7,037.5	42.0	47.6	-96.79	1,799.4	-1,570.0	664.4	584.8	79.58	8.348	
9,000.0	6,958.4	9,139.3	7,036.9	43.7	49.1	-96.78	1,899.4	-1,570.6	664.4	581.3	83.04	8.001	
9,100.0	6,957.9	9,239.3	7,036.3	45.4	50.6	-96.77	1,999.4	-1,571.3	664.3	577.8	86.52	7.678	
9,200.0	6,957.4	9,339.3	7,035.7	47.1	52.1	-96.76	2,099.4	-1,571.9	664.3	574.3	90.04	7.379	
9,300.0	6,957.0	9,439.3	7,035.1	48.9	53.7	-96.75	2,199.4	-1,572.5	664.3	570.8	93.58	7.100	
9,400.0	6,956.5	9,539.3	7,034.5	50.6	55.3	-96.74	2,299.3	-1,573.2	664.3	567.2	97.14	6.839	
9,500.0	6,956.0	9,639.3	7,033.8	52.4	56.9	-96.73	2,399.3	-1,573.8	664.3	563.6	100.72	6.596	
9,600.0	6,955.5	9,739.3	7,033.2	54.1	58.5	-96.72	2,499.3	-1,574.4	664.3	560.0	104.31	6.369	
9,700.0	6,955.0	9,839.3	7,032.6	55.9	60.1	-96.71	2,599.3	-1,575.0	664.3	556.4	107.93	6.155	
9,800.0	6,954.5	9,939.3	7,032.0	57.7	61.8	-96.70	2,699.3	-1,575.7	664.3	552.8	111.56	5.955	
9,900.0	6,954.0	10,039.3	7,031.4	59.5	63.5	-96.69	2,799.3	-1,576.3	664.3	549.1	115.20	5.767	
10,000.0	6,953.5	10,139.3	7,030.8	61.3	65.2	-96.68	2,899.3	-1,576.9	664.3	545.5	118.85	5.589	
10,100.0	6,953.0	10,239.3	7,030.2	63.1	66.9	-96.67	2,999.3	-1,577.6	664.3	541.8	122.51	5.422	
10,200.0	6,952.5	10,339.3	7,029.6	64.9	68.6	-96.66	3,099.3	-1,578.2	664.3	538.1	126.19	5.264	
10,300.0	6,952.0	10,439.3	7,029.0	66.8	70.3	-96.65	3,199.3	-1,578.8	664.3	534.4	129.87	5.115	
10,400.0	6,951.5	10,539.3	7,028.3	68.6	72.0	-96.64	3,299.3	-1,579.4	664.3	530.7	133.56	4.974	
10,500.0	6,951.0	10,639.3	7,027.7	70.4	73.8	-96.63	3,399.3	-1,580.1	664.3	527.0	137.26	4.839	
10,600.0	6,950.6	10,739.3	7,027.1	72.3	75.5	-96.62	3,499.3	-1,580.7	664.3	523.3	140.97	4.712	
10,700.0	6,950.1	10,839.3	7,026.5	74.1	77.3	-96.61	3,599.3	-1,581.3	664.3	519.6	144.68	4.591	
10,800.0	6,949.6	10,939.3	7,025.9	75.9	79.1	-96.60	3,699.3	-1,582.0	664.3	515.9	148.40	4.476	
10,900.0	6,949.1	11,039.3	7,025.3	77.8	80.9	-96.59	3,799.3	-1,582.6	664.3	512.1	152.12	4.367	
11,000.0	6,948.6	11,139.3	7,024.7	79.6	82.6	-96.58	3,899.3	-1,583.2	664.3	508.4	155.85	4.262	
11,100.0	6,948.1	11,239.3	7,024.1	81.5	84.4	-96.57	3,999.3	-1,583.8	664.2	504.7	159.59	4.162	
11,200.0	6,947.6	11,339.3	7,023.5	83.4	86.2	-96.56	4,099.3	-1,584.5	664.2	500.9	163.33	4.067	
11,300.0	6,947.1	11,439.3	7,022.8	85.2	88.0	-96.55	4,199.3	-1,585.1	664.2	497.2	167.07	3.976	
11,400.0	6,946.6	11,539.3	7,022.2	87.1	89.8	-96.54	4,299.3	-1,585.7	664.2	493.4	170.82	3.889	
11,500.0	6,946.1	11,639.3	7,021.6	89.0	91.7	-96.53	4,399.3	-1,586.4	664.2	489.7	174.57	3.805	
11,524.2	6,946.0	11,663.5	7,021.5	89.4	92.1	-96.52	4,423.5	-1,586.5	664.2	488.7	175.48	3.785	
11,524.6	6,946.0	11,663.9	7,021.5	89.5	92.1	-96.52	4,423.9	-1,586.5	664.2	488.7	175.49	3.785 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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	-120.61	-15.3	-25.9	30.1					
100.0	100.0	100.0	100.0	0.1	0.1	-120.61	-15.3	-25.9	30.1	29.8	0.22	133.798		
200.0	200.0	200.0	200.0	0.3	0.3	-120.61	-15.3	-25.9	30.1	29.4	0.67	44.599		
300.0	300.0	300.0	300.0	0.6	0.6	-120.61	-15.3	-25.9	30.1	28.9	1.12	26.760		
400.0	400.0	400.0	400.0	0.8	0.8	-120.61	-15.3	-25.9	30.1	28.5	1.57	19.114		
500.0	500.0	500.0	500.0	1.0	1.0	-120.61	-15.3	-25.9	30.1	28.1	2.02	14.866		
600.0	600.0	600.0	600.0	1.2	1.2	-120.61	-15.3	-25.9	30.1	27.6	2.47	12.163		
700.0	700.0	700.0	700.0	1.5	1.5	-120.61	-15.3	-25.9	30.1	27.2	2.92	10.292		
800.0	800.0	800.0	800.0	1.7	1.7	-120.61	-15.3	-25.9	30.1	26.7	3.37	8.920 CC, ES		
900.0	900.0	899.0	898.9	1.9	1.9	-119.76	-15.7	-27.5	31.7	27.9	3.80	8.346		
1,000.0	1,000.0	997.7	997.5	2.1	2.1	-117.67	-17.0	-32.5	36.8	32.5	4.23	8.697		
1,100.0	1,100.0	1,095.9	1,095.4	2.4	2.3	-115.23	-19.2	-40.7	45.2	40.5	4.67	9.684		
1,200.0	1,200.0	1,193.5	1,192.3	2.6	2.5	-113.04	-22.1	-52.0	57.0	51.9	5.13	11.124		
1,300.0	1,300.0	1,290.4	1,288.0	2.8	2.8	3.24	-25.9	-66.4	70.5	65.0	5.50	12.828		
1,400.0	1,399.8	1,386.9	1,382.8	3.0	3.1	4.85	-30.4	-83.9	84.0	78.1	5.90	14.246		
1,500.0	1,499.5	1,483.7	1,477.2	3.2	3.5	6.35	-35.8	-104.4	97.3	91.0	6.30	15.441		
1,600.0	1,598.7	1,583.0	1,573.9	3.4	3.9	7.77	-41.5	-126.4	108.2	101.5	6.72	16.117		
1,706.3	1,703.7	1,689.0	1,677.1	3.7	4.3	9.29	-47.6	-149.9	116.1	109.0	7.17	16.209		
1,800.0	1,795.9	1,782.5	1,768.1	4.0	4.8	10.64	-53.0	-170.6	121.5	113.9	7.60	15.987		
1,900.0	1,894.4	1,882.3	1,865.2	4.3	5.2	11.95	-58.8	-192.7	127.2	119.2	8.08	15.750		
2,000.0	1,992.8	1,982.1	1,962.4	4.6	5.7	13.15	-64.5	-214.8	133.1	124.5	8.57	15.528		
2,100.0	2,091.2	2,081.9	2,059.5	4.9	6.1	14.25	-70.3	-236.9	139.0	129.9	9.07	15.315		
2,200.0	2,189.7	2,181.7	2,156.7	5.3	6.6	15.26	-76.0	-259.0	144.9	135.3	9.59	15.113		
2,300.0	2,288.1	2,281.5	2,253.8	5.6	7.1	16.18	-81.8	-281.1	150.8	140.7	10.11	14.920		
2,400.0	2,386.6	2,381.2	2,351.0	6.0	7.6	17.04	-87.6	-303.2	156.8	146.2	10.64	14.736		
2,500.0	2,485.0	2,481.0	2,448.1	6.4	8.1	17.84	-93.3	-325.4	162.9	151.7	11.19	14.562		
2,600.0	2,583.4	2,580.8	2,545.2	6.8	8.6	18.57	-99.1	-347.5	168.9	157.2	11.74	14.396		
2,700.0	2,681.9	2,680.6	2,642.4	7.1	9.0	19.26	-104.8	-369.6	175.0	162.7	12.29	14.238		
2,800.0	2,780.3	2,780.4	2,739.5	7.5	9.5	19.90	-110.6	-391.7	181.1	168.3	12.86	14.087		
2,900.0	2,878.8	2,880.2	2,836.7	7.9	10.0	20.50	-116.3	-413.8	187.3	173.9	13.43	13.945		
3,000.0	2,977.2	2,980.0	2,933.8	8.3	10.5	21.06	-122.1	-435.9	193.4	179.4	14.01	13.809		
3,100.0	3,075.7	3,079.8	3,030.9	8.7	11.0	21.58	-127.9	-458.0	199.6	185.0	14.59	13.680		
3,200.0	3,174.1	3,179.6	3,128.1	9.1	11.5	22.08	-133.6	-480.1	205.8	190.6	15.18	13.558		
3,300.0	3,272.5	3,279.4	3,225.2	9.5	12.0	22.54	-139.4	-502.3	212.0	196.2	15.77	13.441		
3,400.0	3,371.0	3,379.2	3,322.4	9.9	12.5	22.98	-145.1	-524.4	218.2	201.8	16.37	13.331		
3,500.0	3,469.4	3,479.0	3,419.5	10.3	13.0	23.39	-150.9	-546.5	224.4	207.5	16.97	13.225		
3,600.0	3,567.9	3,578.8	3,516.7	10.6	13.5	23.79	-156.7	-568.6	230.7	213.1	17.58	13.125		
3,700.0	3,666.3	3,678.6	3,613.8	11.0	14.0	24.16	-162.4	-590.7	236.9	218.7	18.18	13.029		
3,800.0	3,764.8	3,778.4	3,710.9	11.4	14.5	24.51	-168.2	-612.8	243.2	224.4	18.80	12.938		
3,900.0	3,863.2	3,878.1	3,808.1	11.8	15.0	24.84	-173.9	-634.9	249.4	230.0	19.41	12.851		
4,000.0	3,961.6	3,977.9	3,905.2	12.2	15.5	25.16	-179.7	-657.0	255.7	235.7	20.03	12.768		
4,100.0	4,060.1	4,077.7	4,002.4	12.6	16.0	25.47	-185.4	-679.1	262.0	241.3	20.65	12.689		
4,200.0	4,158.5	4,177.5	4,099.5	13.0	16.5	25.75	-191.2	-701.3	268.3	247.0	21.27	12.613		
4,300.0	4,257.0	4,277.3	4,196.7	13.5	17.0	26.03	-197.0	-723.4	274.6	252.7	21.90	12.540		
4,400.0	4,355.4	4,377.1	4,293.8	13.9	17.5	26.29	-202.7	-745.5	280.9	258.4	22.52	12.471		
4,500.0	4,453.9	4,476.9	4,390.9	14.3	18.0	26.54	-208.5	-767.6	287.2	264.0	23.15	12.405		
4,600.0	4,552.3	4,576.7	4,488.1	14.7	18.5	26.79	-214.2	-789.7	293.5	269.7	23.78	12.341		
4,700.0	4,650.7	4,676.5	4,585.2	15.1	19.0	27.02	-220.0	-811.8	299.8	275.4	24.41	12.280		
4,800.0	4,749.2	4,776.3	4,682.4	15.5	19.5	27.24	-225.8	-833.9	306.1	281.1	25.05	12.221		
4,900.0	4,847.6	4,876.1	4,779.5	15.9	20.0	27.45	-231.5	-856.0	312.5	286.8	25.68	12.165		
5,000.0	4,946.1	4,975.9	4,876.7	16.3	20.5	27.65	-237.3	-878.1	318.8	292.5	26.32	12.111		
5,100.0	5,044.5	5,075.7	4,973.8	16.7	21.0	27.85	-243.0	-900.3	325.1	298.2	26.96	12.059		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix D-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	
5,200.0	5,142.9	5,175.5	5,070.9	17.1	21.5	28.04	-248.8	-922.4	331.5	303.9	27.60	12.009	
5,300.0	5,241.4	5,275.3	5,168.1	17.5	22.0	28.22	-254.5	-944.5	337.8	309.5	28.24	11.961	
5,400.0	5,339.8	5,375.0	5,265.2	17.9	22.5	28.39	-260.3	-966.6	344.1	315.3	28.88	11.915	
5,500.0	5,438.3	5,474.8	5,362.4	18.3	23.0	28.56	-266.1	-988.7	350.5	321.0	29.53	11.870	
5,600.0	5,536.7	5,574.6	5,459.5	18.7	23.5	28.72	-271.8	-1,010.8	356.8	326.7	30.17	11.827	
5,700.0	5,635.2	5,674.4	5,556.6	19.1	24.0	28.88	-277.6	-1,032.9	363.2	332.4	30.82	11.785	
5,800.0	5,733.6	5,774.2	5,653.8	19.5	24.5	29.03	-283.3	-1,055.0	369.5	338.1	31.46	11.745	
5,900.0	5,832.0	5,874.0	5,750.9	19.9	25.0	29.18	-289.1	-1,077.1	375.9	343.8	32.11	11.707	
6,000.0	5,930.5	5,973.8	5,848.1	20.3	25.5	29.32	-294.9	-1,099.3	382.3	349.5	32.76	11.669	
6,100.0	6,028.9	6,073.6	5,945.2	20.8	26.0	29.46	-300.6	-1,121.4	388.6	355.2	33.41	11.633	
6,200.0	6,127.4	6,173.4	6,042.4	21.2	26.5	29.59	-306.4	-1,143.5	395.0	360.9	34.06	11.598	
6,282.4	6,208.5	6,255.6	6,122.4	21.5	26.9	29.69	-311.1	-1,161.7	400.2	365.6	34.59	11.570	
6,300.0	6,225.8	6,273.2	6,139.5	21.6	27.0	22.16	-312.1	-1,165.6	401.3	366.6	34.72	11.560	
6,350.0	6,275.2	6,323.0	6,188.0	21.7	27.3	-2.00	-315.0	-1,176.6	404.2	369.3	34.94	11.568	
6,400.0	6,324.4	6,372.6	6,236.3	21.8	27.5	-24.24	-317.9	-1,187.6	406.8	371.8	35.00	11.622	
6,450.0	6,373.4	6,421.7	6,284.0	22.0	27.8	-40.55	-320.7	-1,198.5	409.2	374.3	34.91	11.720	
6,500.0	6,421.7	6,469.9	6,331.0	22.1	28.0	-51.99	-323.5	-1,209.2	411.6	376.9	34.71	11.858	
6,550.0	6,469.3	6,517.3	6,377.1	22.2	28.2	-60.46	-326.2	-1,219.7	414.4	380.0	34.44	12.032	
6,600.0	6,515.9	6,564.2	6,422.8	22.2	28.5	-67.15	-328.4	-1,230.1	417.9	383.7	34.14	12.238	
6,650.0	6,561.2	6,612.4	6,469.8	22.3	28.6	-72.59	-327.6	-1,240.8	422.1	388.2	33.88	12.458	
6,700.0	6,605.1	6,661.9	6,517.9	22.3	28.8	-77.16	-323.5	-1,251.8	427.0	393.4	33.67	12.684	
6,750.0	6,647.2	6,713.0	6,567.0	22.4	29.0	-81.14	-315.7	-1,263.0	432.7	399.2	33.51	12.913	
6,800.0	6,687.5	6,765.6	6,617.0	22.4	29.2	-84.66	-303.9	-1,274.5	439.0	405.6	33.40	13.144	
6,850.0	6,725.7	6,820.0	6,667.6	22.4	29.3	-87.83	-287.8	-1,286.1	445.8	412.5	33.33	13.375	
6,900.0	6,761.6	6,876.2	6,718.6	22.4	29.5	-90.71	-267.1	-1,297.9	453.1	419.8	33.31	13.605	
6,950.0	6,795.0	6,934.5	6,769.5	22.4	29.6	-93.35	-241.3	-1,309.7	460.7	427.4	33.31	13.833	
7,000.0	6,825.9	6,995.0	6,820.0	22.4	29.7	-95.76	-210.2	-1,321.4	468.5	435.2	33.33	14.058	
7,050.0	6,854.0	7,057.7	6,869.4	22.4	29.9	-97.98	-173.4	-1,332.9	476.4	443.0	33.37	14.275	
7,100.0	6,879.2	7,122.8	6,917.2	22.5	30.0	-100.00	-130.7	-1,344.0	484.2	450.7	33.44	14.478	
7,150.0	6,901.3	7,190.3	6,962.6	22.5	30.1	-101.83	-81.9	-1,354.7	491.6	458.1	33.53	14.663	
7,200.0	6,920.4	7,260.3	7,004.7	22.5	30.2	-103.47	-26.9	-1,364.6	498.7	465.0	33.65	14.818	
7,250.0	6,936.2	7,332.7	7,042.5	22.6	30.3	-104.91	34.2	-1,373.6	505.1	471.3	33.83	14.930	
7,300.0	6,948.7	7,407.3	7,074.9	22.7	30.4	-106.13	100.9	-1,381.5	510.8	476.7	34.05	14.999	
7,350.0	6,957.9	7,484.0	7,101.1	22.8	30.6	-107.14	172.7	-1,387.9	515.5	481.1	34.37	14.998	
7,400.0	6,963.6	7,562.5	7,119.9	23.0	30.8	-107.91	248.6	-1,392.6	519.1	484.3	34.78	14.925	
7,450.0	6,966.0	7,642.2	7,130.6	23.2	31.0	-108.44	327.6	-1,395.6	521.6	486.3	35.30	14.774	
7,462.3	6,966.0	7,662.0	7,131.9	23.3	31.0	-108.54	347.3	-1,396.0	522.0	486.5	35.45	14.724	
7,462.6	6,966.0	7,662.5	7,132.0	23.3	31.0	-108.54	347.8	-1,396.0	522.0	486.5	35.46	14.722	
7,500.0	6,965.8	7,714.7	7,133.0	23.5	31.2	-108.67	400.0	-1,396.6	522.4	486.3	36.09	14.474	
7,600.0	6,965.3	7,814.7	7,133.0	24.1	31.6	-108.72	500.0	-1,397.2	522.6	484.7	37.88	13.794	
7,700.0	6,964.8	7,914.7	7,133.0	25.0	32.2	-108.77	600.0	-1,397.8	522.7	482.8	39.91	13.098	
7,800.0	6,964.3	8,014.7	7,133.0	26.0	32.8	-108.82	700.0	-1,398.5	522.9	480.7	42.16	12.403	
7,900.0	6,963.8	8,114.7	7,133.0	27.1	33.6	-108.87	800.0	-1,399.1	523.1	478.5	44.59	11.730	
8,000.0	6,963.4	8,214.7	7,133.0	28.4	34.5	-108.92	900.0	-1,399.7	523.2	476.0	47.18	11.090	
8,100.0	6,962.9	8,314.7	7,133.0	29.7	35.5	-108.97	999.9	-1,400.3	523.4	473.5	49.91	10.488	
8,200.0	6,962.4	8,414.7	7,133.0	31.1	36.6	-109.02	1,099.9	-1,401.0	523.6	470.8	52.74	9.927	
8,300.0	6,961.9	8,514.7	7,133.0	32.5	37.7	-109.07	1,199.9	-1,401.6	523.7	468.1	55.67	9.408	
8,400.0	6,961.4	8,614.7	7,133.0	34.0	39.0	-109.12	1,299.9	-1,402.2	523.9	465.2	58.68	8.928	
8,500.0	6,960.9	8,714.7	7,133.0	35.5	40.3	-109.17	1,399.9	-1,402.8	524.1	462.3	61.76	8.486	
8,600.0	6,960.4	8,814.7	7,133.0	37.1	41.6	-109.22	1,499.9	-1,403.5	524.2	459.4	64.89	8.079	
8,700.0	6,959.9	8,914.7	7,133.0	38.7	43.0	-109.27	1,599.9	-1,404.1	524.4	456.3	68.07	7.704	
8,800.0	6,959.4	9,014.7	7,133.0	40.4	44.5	-109.32	1,699.9	-1,404.7	524.6	453.3	71.30	7.357	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix D-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	
8,900.0	6,958.9	9,114.7	7,133.0	42.0	46.0	-109.37	1,799.9	-1,405.4	524.8	450.2	74.56	7.038	
9,000.0	6,958.4	9,214.7	7,133.0	43.7	47.5	-109.42	1,899.9	-1,406.0	524.9	447.1	77.86	6.742	
9,100.0	6,957.9	9,314.7	7,133.0	45.4	49.1	-109.47	1,999.9	-1,406.6	525.1	443.9	81.18	6.468	
9,200.0	6,957.4	9,414.7	7,133.0	47.1	50.7	-109.52	2,099.9	-1,407.2	525.3	440.7	84.53	6.214	
9,300.0	6,957.0	9,514.7	7,133.0	48.9	52.3	-109.58	2,199.9	-1,407.9	525.4	437.5	87.90	5.978	
9,400.0	6,956.5	9,614.7	7,133.0	50.6	53.9	-109.63	2,299.9	-1,408.5	525.6	434.3	91.28	5.758	
9,500.0	6,956.0	9,714.7	7,133.0	52.4	55.5	-109.68	2,399.9	-1,409.1	525.8	431.1	94.69	5.553	
9,600.0	6,955.5	9,814.7	7,133.0	54.1	57.2	-109.73	2,499.9	-1,409.8	526.0	427.9	98.11	5.361	
9,700.0	6,955.0	9,914.7	7,133.0	55.9	58.9	-109.78	2,599.9	-1,410.4	526.1	424.6	101.54	5.182	
9,800.0	6,954.5	10,014.7	7,133.0	57.7	60.6	-109.83	2,699.9	-1,411.0	526.3	421.3	104.98	5.014	
9,900.0	6,954.0	10,114.7	7,133.0	59.5	62.3	-109.88	2,799.9	-1,411.6	526.5	418.1	108.43	4.856	
10,000.0	6,953.5	10,214.7	7,133.0	61.3	64.0	-109.93	2,899.9	-1,412.3	526.7	414.8	111.89	4.707	
10,100.0	6,953.0	10,314.7	7,133.0	63.1	65.8	-109.98	2,999.9	-1,412.9	526.8	411.5	115.36	4.567	
10,200.0	6,952.5	10,414.7	7,133.0	64.9	67.5	-110.03	3,099.9	-1,413.5	527.0	408.2	118.84	4.435	
10,300.0	6,952.0	10,514.7	7,133.0	66.8	69.3	-110.08	3,199.9	-1,414.2	527.2	404.9	122.32	4.310	
10,400.0	6,951.5	10,614.7	7,133.0	68.6	71.0	-110.13	3,299.9	-1,414.8	527.4	401.6	125.81	4.192	
10,500.0	6,951.0	10,714.7	7,133.0	70.4	72.8	-110.18	3,399.9	-1,415.4	527.6	398.3	129.30	4.080	
10,600.0	6,950.6	10,814.7	7,133.0	72.3	74.6	-110.23	3,499.9	-1,416.0	527.7	394.9	132.80	3.974	
10,700.0	6,950.1	10,914.7	7,133.0	74.1	76.4	-110.28	3,599.9	-1,416.7	527.9	391.6	136.30	3.873	
10,800.0	6,949.6	11,014.7	7,133.0	75.9	78.1	-110.33	3,699.9	-1,417.3	528.1	388.3	139.80	3.777	
10,900.0	6,949.1	11,114.7	7,133.0	77.8	79.9	-110.38	3,799.9	-1,417.9	528.3	385.0	143.31	3.686	
11,000.0	6,948.6	11,214.7	7,133.0	79.6	81.7	-110.42	3,899.9	-1,418.6	528.4	381.6	146.82	3.599	
11,100.0	6,948.1	11,314.7	7,133.0	81.5	83.6	-110.47	3,999.9	-1,419.2	528.6	378.3	150.33	3.516	
11,200.0	6,947.6	11,414.7	7,133.0	83.4	85.4	-110.52	4,099.9	-1,419.8	528.8	375.0	153.85	3.437	
11,300.0	6,947.1	11,514.7	7,133.0	85.2	87.2	-110.57	4,199.8	-1,420.4	529.0	371.6	157.36	3.362	
11,400.0	6,946.6	11,614.7	7,133.0	87.1	89.0	-110.62	4,299.8	-1,421.1	529.2	368.3	160.88	3.289	
11,500.0	6,946.1	11,714.7	7,133.0	89.0	90.8	-110.67	4,399.8	-1,421.7	529.4	365.0	164.40	3.220	
11,524.2	6,946.0	11,738.9	7,133.0	89.4	91.3	-110.68	4,424.1	-1,421.9	529.4	364.1	165.25	3.204	
11,524.6	6,946.0	11,739.2	7,133.0	89.5	91.3	-110.68	4,424.4	-1,421.9	529.4	364.1	165.27	3.203 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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	-120.86	-7.7	-12.8	14.9	14.9	0.00	N/A		
100.0	100.0	99.0	99.0	0.1	0.1	-120.86	-7.7	-12.8	14.9	14.7	0.22	66.686		
200.0	200.0	199.0	199.0	0.3	0.3	-120.86	-7.7	-12.8	14.9	14.2	0.67	22.192		
300.0	300.0	299.0	299.0	0.6	0.6	-120.86	-7.7	-12.8	14.9	13.8	1.12	13.297		
400.0	400.0	399.0	399.0	0.8	0.8	-120.86	-7.7	-12.8	14.9	13.3	1.57	9.493		
500.0	500.0	499.0	499.0	1.0	1.0	-120.86	-7.7	-12.8	14.9	12.9	2.02	7.381		
600.0	600.0	599.0	599.0	1.2	1.2	-120.86	-7.7	-12.8	14.9	12.4	2.47	6.038		
700.0	700.0	699.0	699.0	1.5	1.5	-120.86	-7.7	-12.8	14.9	12.0	2.92	5.108		
800.0	800.0	799.0	799.0	1.7	1.7	-120.86	-7.7	-12.8	14.9	11.5	3.37	4.426		
900.0	900.0	899.0	899.0	1.9	1.9	-120.86	-7.7	-12.8	14.9	11.1	3.82	3.905		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	-120.86	-7.7	-12.8	14.9	10.6	4.27	3.494 CC, ES		
1,100.0	1,100.0	1,098.5	1,098.4	2.4	2.3	-119.54	-8.2	-14.4	16.6	11.9	4.70	3.527		
1,200.0	1,200.0	1,197.7	1,197.5	2.6	2.5	-116.76	-9.7	-19.3	21.7	16.5	5.12	4.229		
1,300.0	1,300.0	1,296.6	1,296.1	2.8	2.7	0.26	-12.3	-27.4	28.5	22.9	5.52	5.157		
1,400.0	1,399.8	1,395.3	1,394.0	3.0	3.0	2.48	-15.9	-38.7	35.2	29.3	5.90	5.972		
1,500.0	1,499.5	1,493.7	1,491.3	3.2	3.2	4.51	-20.6	-53.2	42.0	35.7	6.29	6.681		
1,600.0	1,598.7	1,591.9	1,587.7	3.4	3.5	6.44	-26.2	-70.8	48.8	42.1	6.68	7.301		
1,706.3	1,703.7	1,697.4	1,690.7	3.7	3.9	8.47	-33.1	-92.4	55.2	48.0	7.11	7.753		
1,800.0	1,795.9	1,791.0	1,782.1	4.0	4.3	10.20	-39.3	-111.8	59.3	51.7	7.54	7.866		
1,900.0	1,894.4	1,890.9	1,879.6	4.3	4.7	11.80	-45.9	-132.4	63.7	55.7	8.00	7.965		
2,000.0	1,992.8	1,990.7	1,977.1	4.6	5.1	13.19	-52.5	-153.0	68.2	59.8	8.48	8.046		
2,100.0	2,091.2	2,090.6	2,074.6	4.9	5.5	14.41	-59.1	-173.7	72.8	63.8	8.97	8.109		
2,200.0	2,189.7	2,190.5	2,172.1	5.3	5.9	15.48	-65.7	-194.3	77.3	67.9	9.48	8.158		
2,300.0	2,288.1	2,290.4	2,269.6	5.6	6.4	16.43	-72.3	-215.0	81.9	71.9	10.00	8.196		
2,400.0	2,386.6	2,390.3	2,367.1	6.0	6.8	17.29	-79.0	-235.6	86.5	76.0	10.52	8.224		
2,500.0	2,485.0	2,490.2	2,464.6	6.4	7.3	18.05	-85.6	-256.2	91.2	80.1	11.06	8.244		
2,600.0	2,583.4	2,590.1	2,562.1	6.8	7.7	18.75	-92.2	-276.9	95.8	84.2	11.60	8.258		
2,700.0	2,681.9	2,689.9	2,659.6	7.1	8.2	19.37	-98.8	-297.5	100.5	88.3	12.15	8.267		
2,800.0	2,780.3	2,789.8	2,757.1	7.5	8.7	19.95	-105.4	-318.1	105.1	92.4	12.71	8.271		
2,900.0	2,878.8	2,889.7	2,854.7	7.9	9.1	20.47	-112.0	-338.8	109.8	96.5	13.27	8.272		
3,000.0	2,977.2	2,989.6	2,952.2	8.3	9.6	20.95	-118.6	-359.4	114.5	100.6	13.84	8.270		
3,100.0	3,075.7	3,089.5	3,049.7	8.7	10.1	21.40	-125.2	-380.1	119.2	104.8	14.42	8.267		
3,200.0	3,174.1	3,189.4	3,147.2	9.1	10.5	21.81	-131.8	-400.7	123.9	108.9	14.99	8.261		
3,300.0	3,272.5	3,289.3	3,244.7	9.5	11.0	22.18	-138.4	-421.3	128.6	113.0	15.58	8.254		
3,400.0	3,371.0	3,389.1	3,342.2	9.9	11.5	22.54	-145.0	-442.0	133.3	117.1	16.16	8.246		
3,500.0	3,469.4	3,489.0	3,439.7	10.3	11.9	22.87	-151.6	-462.6	138.0	121.2	16.75	8.238		
3,600.0	3,567.9	3,588.9	3,537.2	10.6	12.4	23.17	-158.2	-483.2	142.7	125.4	17.34	8.228		
3,700.0	3,666.3	3,688.8	3,634.7	11.0	12.9	23.46	-164.8	-503.9	147.4	129.5	17.94	8.219		
3,800.0	3,764.8	3,788.7	3,732.2	11.4	13.4	23.73	-171.4	-524.5	152.1	133.6	18.53	8.209		
3,900.0	3,863.2	3,888.6	3,829.7	11.8	13.8	23.98	-178.0	-545.2	156.9	137.7	19.13	8.198		
4,000.0	3,961.6	3,988.5	3,927.2	12.2	14.3	24.22	-184.6	-565.8	161.6	141.9	19.74	8.188		
4,100.0	4,060.1	4,088.3	4,024.7	12.6	14.8	24.45	-191.2	-586.4	166.3	146.0	20.34	8.177		
4,200.0	4,158.5	4,188.2	4,122.2	13.0	15.3	24.66	-197.8	-607.1	171.1	150.1	20.95	8.167		
4,300.0	4,257.0	4,288.1	4,219.8	13.5	15.7	24.86	-204.5	-627.7	175.8	154.3	21.55	8.157		
4,400.0	4,355.4	4,388.0	4,317.3	13.9	16.2	25.05	-211.1	-648.3	180.5	158.4	22.16	8.146		
4,500.0	4,453.9	4,487.9	4,414.8	14.3	16.7	25.23	-217.7	-669.0	185.3	162.5	22.77	8.136		
4,600.0	4,552.3	4,587.8	4,512.3	14.7	17.2	25.40	-224.3	-689.6	190.0	166.6	23.38	8.126		
4,700.0	4,650.7	4,687.7	4,609.8	15.1	17.6	25.57	-230.9	-710.3	194.8	170.8	24.00	8.116		
4,800.0	4,749.2	4,787.5	4,707.3	15.5	18.1	25.72	-237.5	-730.9	199.5	174.9	24.61	8.107		
4,900.0	4,847.6	4,887.4	4,804.8	15.9	18.6	25.87	-244.1	-751.5	204.3	179.0	25.23	8.097		
5,000.0	4,946.1	4,987.3	4,902.3	16.3	19.1	26.01	-250.7	-772.2	209.0	183.2	25.84	8.088		
5,100.0	5,044.5	5,087.2	4,999.8	16.7	19.5	26.15	-257.3	-792.8	213.8	187.3	26.46	8.079		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,200.0	5,142.9	5,187.1	5,097.3	17.1	20.0	26.28	-263.9	-813.4	218.5	191.4	27.08	8.070	
5,300.0	5,241.4	5,287.0	5,194.8	17.5	20.5	26.40	-270.5	-834.1	223.3	195.6	27.70	8.061	
5,400.0	5,339.8	5,386.9	5,292.3	17.9	21.0	26.52	-277.1	-854.7	228.0	199.7	28.32	8.052	
5,500.0	5,438.3	5,486.8	5,389.8	18.3	21.5	26.63	-283.7	-875.4	232.8	203.8	28.94	8.044	
5,600.0	5,536.7	5,586.6	5,487.3	18.7	21.9	26.74	-290.3	-896.0	237.5	208.0	29.56	8.036	
5,700.0	5,635.2	5,686.5	5,584.9	19.1	22.4	26.85	-296.9	-916.6	242.3	212.1	30.18	8.028	
5,800.0	5,733.6	5,786.4	5,682.4	19.5	22.9	26.95	-303.5	-937.3	247.0	216.2	30.80	8.020	
5,900.0	5,832.0	5,886.3	5,779.9	19.9	23.4	27.05	-310.1	-957.9	251.8	220.4	31.42	8.012	
6,000.0	5,930.5	5,986.2	5,877.4	20.3	23.9	27.14	-316.7	-978.5	256.5	224.5	32.05	8.005	
6,100.0	6,028.9	6,086.1	5,974.9	20.8	24.3	27.23	-323.3	-999.2	261.3	228.6	32.67	7.998	
6,200.0	6,127.4	6,186.0	6,072.4	21.2	24.8	27.32	-329.9	-1,019.8	266.1	232.8	33.30	7.991	
6,282.4	6,208.5	6,268.2	6,152.7	21.5	25.2	27.39	-335.4	-1,036.8	270.0	236.2	33.81	7.985	
6,300.0	6,225.8	6,285.8	6,169.9	21.6	25.3	19.81	-336.6	-1,040.5	270.8	236.9	33.92	7.984	
6,350.0	6,275.2	6,335.7	6,218.6	21.7	25.5	-4.63	-339.8	-1,050.8	273.0	238.9	34.08	8.012	
6,400.0	6,324.4	6,385.3	6,267.0	21.8	25.8	-27.36	-343.1	-1,061.0	275.1	241.1	34.04	8.083	
6,450.0	6,373.4	6,434.3	6,314.8	22.0	26.0	-44.31	-346.2	-1,071.1	277.3	243.5	33.84	8.195	
6,500.0	6,421.7	6,483.5	6,363.0	22.1	26.2	-56.10	-346.7	-1,081.3	279.8	246.2	33.60	8.328	
6,550.0	6,469.3	6,533.5	6,411.7	22.2	26.4	-64.52	-343.7	-1,091.7	282.6	249.3	33.38	8.468	
6,600.0	6,515.9	6,584.2	6,460.9	22.2	26.5	-70.88	-337.1	-1,102.2	285.8	252.6	33.19	8.612	
6,650.0	6,561.2	6,635.6	6,510.2	22.3	26.7	-75.91	-326.8	-1,112.7	289.2	256.2	33.03	8.757	
6,700.0	6,605.1	6,687.9	6,559.4	22.3	26.8	-80.06	-312.7	-1,123.3	292.9	260.0	32.91	8.900	
6,750.0	6,647.2	6,741.0	6,608.2	22.4	26.9	-83.56	-294.6	-1,133.8	296.7	263.9	32.83	9.039	
6,800.0	6,687.5	6,795.0	6,656.3	22.4	27.0	-86.59	-272.5	-1,144.1	300.7	267.9	32.79	9.172	
6,850.0	6,725.7	6,849.8	6,703.3	22.4	27.1	-89.24	-246.3	-1,154.3	304.8	272.0	32.79	9.297	
6,900.0	6,761.6	6,905.5	6,749.0	22.4	27.2	-91.57	-216.0	-1,164.2	308.9	276.1	32.82	9.413	
6,950.0	6,795.0	6,962.0	6,792.9	22.4	27.3	-93.64	-181.7	-1,173.8	313.0	280.1	32.90	9.516	
7,000.0	6,825.9	7,019.4	6,834.5	22.4	27.4	-95.47	-143.3	-1,182.9	317.0	284.0	33.01	9.605	
7,050.0	6,854.0	7,077.7	6,873.6	22.4	27.4	-97.09	-100.9	-1,191.5	320.9	287.7	33.16	9.678	
7,100.0	6,879.2	7,136.7	6,909.6	22.5	27.5	-98.51	-54.8	-1,199.5	324.5	291.2	33.35	9.731	
7,150.0	6,901.3	7,196.6	6,942.2	22.5	27.6	-99.75	-5.2	-1,206.8	327.9	294.3	33.58	9.763	
7,200.0	6,920.4	7,257.1	6,970.9	22.5	27.6	-100.81	47.7	-1,213.3	330.9	297.0	33.89	9.763	
7,250.0	6,936.2	7,318.2	6,995.3	22.6	27.7	-101.70	103.4	-1,218.9	333.5	299.3	34.21	9.750	
7,300.0	6,948.7	7,380.0	7,015.2	22.7	27.8	-102.42	161.6	-1,223.6	335.7	301.1	34.63	9.696	
7,350.0	6,957.9	7,442.1	7,030.2	22.8	28.0	-102.97	221.8	-1,227.2	337.5	302.4	35.11	9.613	
7,400.0	6,963.6	7,504.6	7,040.1	23.0	28.1	-103.36	283.5	-1,229.8	338.7	303.1	35.66	9.500	
7,450.0	6,966.0	7,567.4	7,044.7	23.2	28.3	-103.59	346.1	-1,231.2	339.5	303.2	36.28	9.356	
7,462.3	6,966.0	7,582.9	7,045.0	23.3	28.4	-103.62	361.5	-1,231.4	339.6	303.1	36.45	9.316	
7,462.6	6,966.0	7,583.2	7,045.0	23.3	28.4	-103.62	361.9	-1,231.4	339.6	303.1	36.45	9.315	
7,500.0	6,965.8	7,622.9	7,044.8	23.5	28.5	-103.63	401.5	-1,231.7	339.6	302.5	37.06	9.164	
7,600.0	6,965.3	7,722.9	7,044.2	24.1	29.0	-103.61	501.5	-1,232.3	339.6	300.6	38.93	8.722	
7,700.0	6,964.8	7,822.9	7,043.6	25.0	29.6	-103.59	601.5	-1,232.9	339.5	298.5	41.06	8.269	
7,800.0	6,964.3	7,922.9	7,043.0	26.0	30.3	-103.57	701.5	-1,233.6	339.5	296.1	43.42	7.820	
7,900.0	6,963.8	8,022.9	7,042.4	27.1	31.2	-103.55	801.5	-1,234.2	339.5	293.5	45.96	7.387	
8,000.0	6,963.4	8,122.9	7,041.8	28.4	32.2	-103.53	901.5	-1,234.8	339.5	290.8	48.66	6.976	
8,100.0	6,962.9	8,222.9	7,041.2	29.7	33.3	-103.51	1,001.5	-1,235.4	339.5	288.0	51.50	6.592	
8,200.0	6,962.4	8,322.9	7,040.5	31.1	34.5	-103.49	1,101.5	-1,236.1	339.4	285.0	54.44	6.235	
8,300.0	6,961.9	8,422.9	7,039.9	32.5	35.8	-103.47	1,201.5	-1,236.7	339.4	281.9	57.49	5.904	
8,400.0	6,961.4	8,522.9	7,039.3	34.0	37.1	-103.45	1,301.5	-1,237.3	339.4	278.8	60.61	5.600	
8,500.0	6,960.9	8,622.9	7,038.7	35.5	38.5	-103.43	1,401.5	-1,238.0	339.4	275.6	63.81	5.319	
8,600.0	6,960.4	8,722.9	7,038.1	37.1	39.9	-103.41	1,501.5	-1,238.6	339.4	272.3	67.06	5.061	
8,700.0	6,959.9	8,822.9	7,037.5	38.7	41.4	-103.39	1,601.4	-1,239.2	339.3	269.0	70.36	4.823	
8,800.0	6,959.4	8,922.9	7,036.9	40.4	42.9	-103.37	1,701.4	-1,239.8	339.3	265.6	73.71	4.603	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix E-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						
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	6,958.9	9,022.9	7,036.3	42.0	44.5	-103.35	1,801.4	-1,240.5	339.3	262.2	77.10	4.401	
9,000.0	6,958.4	9,122.9	7,035.7	43.7	46.1	-103.33	1,901.4	-1,241.1	339.3	258.8	80.53	4.213	
9,100.0	6,957.9	9,222.9	7,035.1	45.4	47.7	-103.31	2,001.4	-1,241.7	339.3	255.3	83.98	4.040	
9,200.0	6,957.4	9,322.9	7,034.4	47.1	49.3	-103.29	2,101.4	-1,242.4	339.3	251.8	87.46	3.879	
9,300.0	6,957.0	9,422.9	7,033.8	48.9	51.0	-103.27	2,201.4	-1,243.0	339.2	248.3	90.96	3.730	
9,400.0	6,956.5	9,522.9	7,033.2	50.6	52.7	-103.25	2,301.4	-1,243.6	339.2	244.7	94.48	3.590	
9,500.0	6,956.0	9,622.9	7,032.6	52.4	54.3	-103.23	2,401.4	-1,244.2	339.2	241.2	98.03	3.460	
9,600.0	6,955.5	9,722.9	7,032.0	54.1	56.1	-103.21	2,501.4	-1,244.9	339.2	237.6	101.58	3.339	
9,700.0	6,955.0	9,822.9	7,031.4	55.9	57.8	-103.19	2,601.4	-1,245.5	339.2	234.0	105.16	3.225	
9,800.0	6,954.5	9,922.9	7,030.8	57.7	59.5	-103.17	2,701.4	-1,246.1	339.1	230.4	108.75	3.119	
9,900.0	6,954.0	10,022.9	7,030.2	59.5	61.2	-103.15	2,801.4	-1,246.8	339.1	226.8	112.35	3.019	
10,000.0	6,953.5	10,122.9	7,029.6	61.3	63.0	-103.13	2,901.4	-1,247.4	339.1	223.2	115.96	2.924	
10,100.0	6,953.0	10,222.9	7,028.9	63.1	64.8	-103.11	3,001.4	-1,248.0	339.1	219.5	119.58	2.836	
10,200.0	6,952.5	10,322.9	7,028.3	64.9	66.5	-103.09	3,101.4	-1,248.6	339.1	215.9	123.21	2.752	
10,300.0	6,952.0	10,422.9	7,027.7	66.8	68.3	-103.07	3,201.4	-1,249.3	339.1	212.2	126.85	2.673	
10,400.0	6,951.5	10,522.9	7,027.1	68.6	70.1	-103.05	3,301.4	-1,249.9	339.0	208.5	130.50	2.598	
10,500.0	6,951.0	10,622.9	7,026.5	70.4	71.9	-103.03	3,401.4	-1,250.5	339.0	204.9	134.16	2.527	
10,600.0	6,950.6	10,722.9	7,025.9	72.3	73.7	-103.01	3,501.4	-1,251.2	339.0	201.2	137.82	2.460	
10,700.0	6,950.1	10,822.9	7,025.3	74.1	75.5	-102.99	3,601.4	-1,251.8	339.0	197.5	141.49	2.396	
10,800.0	6,949.6	10,922.9	7,024.7	75.9	77.3	-102.97	3,701.4	-1,252.4	339.0	193.8	145.16	2.335	
10,900.0	6,949.1	11,022.9	7,024.1	77.8	79.1	-102.95	3,801.4	-1,253.0	338.9	190.1	148.84	2.277	
11,000.0	6,948.6	11,122.9	7,023.4	79.6	81.0	-102.93	3,901.4	-1,253.7	338.9	186.4	152.53	2.222	
11,100.0	6,948.1	11,222.9	7,022.8	81.5	82.8	-102.91	4,001.4	-1,254.3	338.9	182.7	156.22	2.169	
11,200.0	6,947.6	11,322.9	7,022.2	83.4	84.6	-102.89	4,101.3	-1,254.9	338.9	179.0	159.91	2.119	
11,300.0	6,947.1	11,422.9	7,021.6	85.2	86.5	-102.87	4,201.3	-1,255.6	338.9	175.3	163.61	2.071	
11,400.0	6,946.6	11,522.9	7,021.0	87.1	88.3	-102.85	4,301.3	-1,256.2	338.9	171.5	167.32	2.025	
11,500.0	6,946.1	11,622.9	7,020.4	89.0	90.1	-102.84	4,401.3	-1,256.8	338.8	167.8	171.02	1.981	
11,524.2	6,946.0	11,647.1	7,020.2	89.4	90.6	-102.83	4,425.6	-1,257.0	338.8	166.9	171.92	1.971	
11,524.6	6,946.0	11,647.5	7,020.2	89.5	90.6	-102.83	4,425.9	-1,257.0	338.8	166.9	171.94	1.971 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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	-27.21	115.9	-59.6	130.3					
100.0	100.0	100.0	100.0	0.1	0.1	-27.21	115.9	-59.6	130.3	130.0	0.22	579.555		
200.0	200.0	200.0	200.0	0.3	0.3	-27.21	115.9	-59.6	130.3	129.6	0.67	193.185		
300.0	300.0	300.0	300.0	0.6	0.6	-27.21	115.9	-59.6	130.3	129.1	1.12	115.911		
400.0	400.0	400.0	400.0	0.8	0.8	-27.21	115.9	-59.6	130.3	128.7	1.57	82.794		
500.0	500.0	500.0	500.0	1.0	1.0	-27.21	115.9	-59.6	130.3	128.2	2.02	64.395		
600.0	600.0	600.0	600.0	1.2	1.2	-27.21	115.9	-59.6	130.3	127.8	2.47	52.687		
700.0	700.0	700.0	700.0	1.5	1.5	-27.21	115.9	-59.6	130.3	127.3	2.92	44.581		
800.0	800.0	800.0	800.0	1.7	1.7	-27.21	115.9	-59.6	130.3	126.9	3.37	38.637		
900.0	900.0	900.0	900.0	1.9	1.9	-27.21	115.9	-59.6	130.3	126.4	3.82	34.091		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-27.21	115.9	-59.6	130.3	126.0	4.27	30.503		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-27.21	115.9	-59.6	130.3	125.5	4.72	27.598		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-27.21	115.9	-59.6	130.3	125.1	5.17	25.198		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	88.02	115.9	-59.6	130.2	124.6	5.60	23.250		
1,389.0	1,388.9	1,388.9	1,388.9	3.0	3.0	90.00	115.9	-59.6	130.1	124.1	5.97	21.789 CC		
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	90.33	115.9	-59.6	130.1	124.1	6.02	21.624		
1,500.0	1,499.5	1,499.5	1,499.5	3.2	3.3	94.13	115.9	-59.6	130.5	124.0	6.45	20.231		
1,600.0	1,598.7	1,598.7	1,598.7	3.4	3.5	99.35	115.9	-59.6	131.9	125.0	6.90	19.119		
1,706.3	1,703.7	1,703.7	1,703.7	3.7	3.7	106.19	115.9	-59.6	135.7	128.3	7.40	18.329		
1,800.0	1,795.9	1,795.9	1,795.9	4.0	3.9	112.54	115.9	-59.6	141.2	133.3	7.86	17.967		
1,900.0	1,894.4	1,894.4	1,894.4	4.3	4.1	118.73	115.9	-59.6	148.9	140.6	8.35	17.838		
2,000.0	1,992.8	1,992.8	1,992.8	4.6	4.4	124.26	115.9	-59.6	158.2	149.4	8.83	17.912		
2,100.0	2,091.2	2,091.2	2,091.2	4.9	4.6	129.15	115.9	-59.6	168.8	159.5	9.31	18.133		
2,200.0	2,189.7	2,189.7	2,189.7	5.3	4.8	133.44	115.9	-59.6	180.6	170.8	9.78	18.457		
2,300.0	2,288.1	2,288.1	2,288.1	5.6	5.0	137.21	115.9	-59.6	193.2	182.9	10.25	18.849		
2,400.0	2,386.6	2,386.6	2,386.6	6.0	5.3	140.50	115.9	-59.6	206.5	195.8	10.71	19.283		
2,500.0	2,485.0	2,485.0	2,485.0	6.4	5.5	143.39	115.9	-59.6	220.4	209.3	11.17	19.741		
2,600.0	2,583.4	2,590.6	2,590.6	6.8	5.7	146.03	114.9	-60.6	233.6	222.0	11.61	20.114		
2,700.0	2,681.9	2,698.5	2,698.3	7.1	5.9	148.21	111.1	-64.5	243.5	231.5	12.04	20.227		
2,800.0	2,780.3	2,807.2	2,806.6	7.5	6.1	150.05	104.5	-71.5	250.0	237.6	12.47	20.047		
2,900.0	2,878.8	2,916.4	2,914.9	7.9	6.3	151.64	95.0	-81.4	253.0	240.1	12.91	19.593		
3,000.0	2,977.2	3,025.8	3,022.8	8.3	6.6	153.07	82.6	-94.4	252.4	239.1	13.36	18.889		
3,100.0	3,075.7	3,135.0	3,129.8	8.7	6.8	154.39	67.5	-110.3	248.2	234.3	13.82	17.960		
3,200.0	3,174.1	3,238.7	3,230.6	9.1	7.1	155.62	50.8	-127.7	240.8	226.6	14.27	16.881		
3,300.0	3,272.5	3,338.2	3,327.4	9.5	7.4	156.86	34.6	-144.7	233.3	218.6	14.70	15.863		
3,400.0	3,371.0	3,437.8	3,424.2	9.9	7.8	158.19	18.4	-161.7	225.8	210.7	15.14	14.911		
3,500.0	3,469.4	3,537.4	3,521.0	10.3	8.1	159.60	2.2	-178.6	218.5	202.9	15.58	14.023		
3,600.0	3,567.9	3,637.0	3,617.7	10.6	8.5	161.12	-14.1	-195.6	211.3	195.3	16.02	13.192		
3,700.0	3,666.3	3,736.6	3,714.5	11.0	8.9	162.73	-30.3	-212.6	204.3	187.8	16.45	12.416		
3,800.0	3,764.8	3,836.1	3,811.3	11.4	9.3	164.46	-46.5	-229.6	197.4	180.5	16.89	11.688		
3,900.0	3,863.2	3,935.7	3,908.0	11.8	9.7	166.32	-62.7	-246.6	190.7	173.4	17.33	11.006		
4,000.0	3,961.6	4,035.3	4,004.8	12.2	10.1	168.30	-79.0	-263.6	184.3	166.5	17.78	10.365		
4,100.0	4,060.1	4,134.9	4,101.6	12.6	10.5	170.43	-95.2	-280.6	178.1	159.8	18.24	9.762		
4,200.0	4,158.5	4,234.5	4,198.3	13.0	10.9	172.70	-111.4	-297.6	172.1	153.4	18.72	9.194		
4,300.0	4,257.0	4,334.0	4,295.1	13.5	11.4	175.13	-127.6	-314.6	166.5	147.2	19.23	8.657		
4,400.0	4,355.4	4,433.6	4,391.9	13.9	11.8	177.73	-143.8	-331.6	161.1	141.4	19.77	8.149		
4,500.0	4,453.9	4,533.2	4,488.6	14.3	12.3	-179.50	-160.1	-348.6	156.1	135.8	20.36	7.668		
4,600.0	4,552.3	4,632.8	4,585.4	14.7	12.7	-176.56	-176.3	-365.6	151.6	130.5	21.01	7.213		
4,700.0	4,650.7	4,732.4	4,682.2	15.1	13.2	-173.44	-192.5	-382.6	147.4	125.7	21.73	6.783		
4,800.0	4,749.2	4,832.0	4,778.9	15.5	13.6	-170.16	-208.7	-399.6	143.7	121.2	22.53	6.377		
4,900.0	4,847.6	4,931.5	4,875.7	15.9	14.1	-166.71	-225.0	-416.6	140.5	117.1	23.42	5.998		
5,000.0	4,946.1	5,031.1	4,972.5	16.3	14.6	-163.12	-241.2	-433.6	137.8	113.4	24.41	5.646		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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						
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	5,044.5	5,130.7	5,069.3	16.7	15.0	-159.40	-257.4	-450.5	135.7	110.2	25.49	5.324	
5,200.0	5,142.9	5,230.3	5,166.0	17.1	15.5	-155.58	-273.6	-467.5	134.2	107.5	26.66	5.032	
5,300.0	5,241.4	5,329.9	5,262.8	17.5	16.0	-151.69	-289.9	-484.5	133.3	105.4	27.92	4.774	
5,393.8	5,333.7	5,423.3	5,353.6	17.9	16.4	-148.02	-305.1	-500.5	133.0	103.8	29.16	4.561	
5,400.0	5,339.8	5,429.4	5,359.6	17.9	16.5	-147.77	-306.1	-501.5	133.0	103.8	29.25	4.548	
5,500.0	5,438.3	5,528.1	5,455.5	18.3	16.9	-143.95	-322.0	-518.2	133.5	102.9	30.57	4.366 ES	
5,600.0	5,536.7	5,625.4	5,550.6	18.7	17.2	-141.15	-336.0	-532.9	135.9	104.3	31.67	4.292	
5,700.0	5,635.2	5,722.7	5,646.5	19.1	17.6	-139.63	-347.8	-545.2	140.4	107.9	32.54	4.315	
5,800.0	5,733.6	5,820.1	5,742.8	19.5	17.8	-139.32	-357.3	-555.2	146.6	113.5	33.18	4.419	
5,900.0	5,832.0	5,917.1	5,839.3	19.9	18.1	-140.11	-364.5	-562.8	154.6	121.0	33.61	4.601	
6,000.0	5,930.5	6,013.7	5,935.6	20.3	18.3	-141.78	-369.5	-567.9	164.4	130.6	33.84	4.859	
6,100.0	6,028.9	6,109.5	6,031.4	20.8	18.4	-144.13	-372.2	-570.8	176.3	142.4	33.90	5.200	
6,200.0	6,127.4	6,205.5	6,127.4	21.2	18.6	-146.94	-372.7	-571.4	190.3	156.5	33.84	5.624	
6,282.4	6,208.5	6,286.6	6,208.5	21.5	18.7	-149.16	-372.7	-571.4	202.7	168.9	33.80	5.996	
6,300.0	6,225.8	6,304.0	6,225.8	21.6	18.7	-157.37	-372.7	-571.4	205.4	171.6	33.76	6.084	
6,350.0	6,275.2	6,354.1	6,275.9	21.7	18.8	177.44	-372.3	-571.4	213.3	179.6	33.71	6.328	
6,400.0	6,324.4	6,404.8	6,326.5	21.8	18.9	154.81	-368.7	-571.4	221.2	187.6	33.63	6.578	
6,450.0	6,373.4	6,455.5	6,376.7	22.0	18.9	138.60	-361.5	-571.4	229.1	195.6	33.52	6.835	
6,500.0	6,421.7	6,506.2	6,426.2	22.1	18.9	127.72	-350.8	-571.5	237.0	203.6	33.38	7.099	
6,550.0	6,469.3	6,556.8	6,474.8	22.2	18.9	120.19	-336.7	-571.5	244.7	211.5	33.21	7.367	
6,600.0	6,515.9	6,607.4	6,522.3	22.2	18.8	114.74	-319.1	-571.6	252.2	219.2	33.03	7.636	
6,650.0	6,561.2	6,658.1	6,568.4	22.3	18.8	110.58	-298.3	-571.8	259.6	226.7	32.85	7.902	
6,700.0	6,605.1	6,708.6	6,612.9	22.3	18.7	107.30	-274.2	-571.9	266.7	234.1	32.67	8.164	
6,750.0	6,647.2	6,759.2	6,655.5	22.4	18.6	104.62	-247.1	-572.0	273.6	241.1	32.51	8.415	
6,800.0	6,687.5	6,809.8	6,696.2	22.4	18.5	102.38	-217.0	-572.2	280.2	247.8	32.38	8.654	
6,850.0	6,725.7	6,860.4	6,734.6	22.4	18.4	100.48	-184.2	-572.4	286.4	254.1	32.27	8.874	
6,900.0	6,761.6	6,910.9	6,770.6	22.4	18.3	98.84	-148.7	-572.5	292.3	260.1	32.22	9.072	
6,950.0	6,795.0	6,961.4	6,804.0	22.4	18.2	97.41	-110.8	-572.7	297.7	265.5	32.21	9.244	
7,000.0	6,825.9	7,012.0	6,834.7	22.4	18.0	96.15	-70.6	-573.0	302.8	270.5	32.27	9.384	
7,050.0	6,854.0	7,062.5	6,862.4	22.4	17.9	95.05	-28.4	-573.2	307.4	275.0	32.39	9.491	
7,100.0	6,879.2	7,112.9	6,887.1	22.5	17.8	94.08	15.6	-573.4	311.6	279.0	32.59	9.562	
7,150.0	6,901.3	7,163.4	6,908.6	22.5	17.7	93.22	61.2	-573.7	315.2	282.4	32.86	9.594	
7,200.0	6,920.4	7,213.8	6,926.8	22.5	17.6	92.47	108.2	-573.9	318.4	285.2	33.21	9.588	
7,250.0	6,936.2	7,264.1	6,941.6	22.6	17.5	91.82	156.3	-574.2	321.0	287.4	33.63	9.544	
7,300.0	6,948.7	7,314.4	6,953.1	22.7	17.5	91.26	205.3	-574.4	323.1	289.0	34.14	9.464	
7,350.0	6,957.9	7,364.7	6,961.0	22.8	17.5	90.78	254.8	-574.7	324.7	290.0	34.71	9.353	
7,400.0	6,963.6	7,414.8	6,965.5	23.0	17.6	90.39	304.8	-574.9	325.7	290.3	35.36	9.210	
7,450.0	6,966.0	7,464.9	6,966.5	23.2	17.8	90.09	354.8	-575.2	326.1	290.1	36.07	9.042	
7,462.3	6,966.0	7,477.2	6,966.4	23.3	17.9	90.07	367.1	-575.3	326.2	289.9	36.26	8.995	
7,462.6	6,966.0	7,477.5	6,966.4	23.3	17.9	90.07	367.4	-575.3	326.2	289.9	36.26	8.994	
7,500.0	6,965.8	7,514.9	6,966.2	23.5	18.2	90.07	404.8	-575.5	326.2	289.4	36.84	8.853	
7,600.0	6,965.3	7,614.9	6,965.7	24.1	19.1	90.07	504.8	-576.0	326.3	287.5	38.74	8.422	
7,700.0	6,964.8	7,714.9	6,965.2	25.0	20.2	90.07	604.8	-576.5	326.4	285.5	40.92	7.977	
7,800.0	6,964.3	7,814.9	6,964.7	26.0	21.4	90.06	704.8	-577.1	326.5	283.1	43.32	7.536	
7,900.0	6,963.8	7,914.9	6,964.2	27.1	22.7	90.06	804.8	-577.6	326.6	280.6	45.93	7.110	
8,000.0	6,963.4	8,014.9	6,963.7	28.4	24.0	90.06	904.8	-578.1	326.6	278.0	48.70	6.708	
8,100.0	6,962.9	8,114.9	6,963.2	29.7	25.5	90.06	1,004.8	-578.6	326.7	275.1	51.61	6.331	
8,200.0	6,962.4	8,214.9	6,962.7	31.1	27.0	90.05	1,104.8	-579.2	326.8	272.2	54.63	5.982	
8,300.0	6,961.9	8,314.9	6,962.2	32.5	28.5	90.05	1,204.8	-579.7	326.9	269.2	57.76	5.660	
8,400.0	6,961.4	8,414.9	6,961.7	34.0	30.1	90.05	1,304.8	-580.2	327.0	266.1	60.96	5.364	
8,500.0	6,960.9	8,514.9	6,961.2	35.5	31.7	90.05	1,404.8	-580.8	327.1	262.9	64.24	5.092	
8,600.0	6,960.4	8,614.9	6,960.6	37.1	33.3	90.04	1,504.8	-581.3	327.2	259.6	67.58	4.842	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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						
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
8,700.0	6,959.9	8,714.9	6,960.1	38.7	35.0	90.04	1,604.8	-581.8	327.3	256.3	70.97	4.612	
8,800.0	6,959.4	8,814.9	6,959.6	40.4	36.7	90.04	1,704.8	-582.3	327.4	253.0	74.40	4.400	
8,900.0	6,958.9	8,914.9	6,959.1	42.0	38.4	90.04	1,804.8	-582.9	327.5	249.6	77.87	4.205	
9,000.0	6,958.4	9,014.9	6,958.6	43.7	40.2	90.03	1,904.8	-583.4	327.6	246.2	81.38	4.025	
9,100.0	6,957.9	9,114.9	6,958.1	45.4	41.9	90.03	2,004.8	-583.9	327.6	242.7	84.91	3.859	
9,200.0	6,957.4	9,214.9	6,957.6	47.1	43.7	90.03	2,104.8	-584.5	327.7	239.3	88.48	3.704	
9,300.0	6,957.0	9,314.9	6,957.1	48.9	45.5	90.03	2,204.8	-585.0	327.8	235.8	92.06	3.561	
9,400.0	6,956.5	9,414.9	6,956.6	50.6	47.3	90.02	2,304.8	-585.5	327.9	232.3	95.67	3.428	
9,500.0	6,956.0	9,514.9	6,956.1	52.4	49.0	90.02	2,404.8	-586.0	328.0	228.7	99.29	3.304	
9,600.0	6,955.5	9,614.9	6,955.6	54.1	50.9	90.02	2,504.7	-586.6	328.1	225.2	102.93	3.188	
9,700.0	6,955.0	9,714.9	6,955.1	55.9	52.7	90.02	2,604.7	-587.1	328.2	221.6	106.58	3.079	
9,800.0	6,954.5	9,814.9	6,954.6	57.7	54.5	90.01	2,704.7	-587.6	328.3	218.0	110.25	2.978	
9,900.0	6,954.0	9,914.9	6,954.1	59.5	56.3	90.01	2,804.7	-588.2	328.4	214.4	113.93	2.882	
10,000.0	6,953.5	10,014.9	6,953.6	61.3	58.2	90.01	2,904.7	-588.7	328.5	210.8	117.62	2.793	
10,100.0	6,953.0	10,114.9	6,953.1	63.1	60.0	90.01	3,004.7	-589.2	328.6	207.2	121.32	2.708	
10,200.0	6,952.5	10,214.9	6,952.6	64.9	61.8	90.01	3,104.7	-589.7	328.6	203.6	125.03	2.629	
10,300.0	6,952.0	10,314.9	6,952.0	66.8	63.7	90.00	3,204.7	-590.3	328.7	200.0	128.75	2.553	
10,400.0	6,951.5	10,414.9	6,951.5	68.6	65.6	90.00	3,304.7	-590.8	328.8	196.4	132.47	2.482	
10,500.0	6,951.0	10,514.9	6,951.0	70.4	67.4	90.00	3,404.7	-591.3	328.9	192.7	136.20	2.415	
10,600.0	6,950.6	10,614.9	6,950.5	72.3	69.3	90.00	3,504.7	-591.9	329.0	189.1	139.94	2.351	
10,700.0	6,950.1	10,714.9	6,950.0	74.1	71.1	89.99	3,604.7	-592.4	329.1	185.4	143.68	2.290	
10,800.0	6,949.6	10,814.9	6,949.5	75.9	73.0	89.99	3,704.7	-592.9	329.2	181.8	147.43	2.233	
10,900.0	6,949.1	10,914.9	6,949.0	77.8	74.9	89.99	3,804.7	-593.4	329.3	178.1	151.19	2.178	
11,000.0	6,948.6	11,014.9	6,948.5	79.6	76.7	89.99	3,904.7	-594.0	329.4	174.4	154.94	2.126	
11,100.0	6,948.1	11,114.9	6,948.0	81.5	78.6	89.98	4,004.7	-594.5	329.5	170.8	158.71	2.076	
11,200.0	6,947.6	11,214.9	6,947.5	83.4	80.5	89.98	4,104.7	-595.0	329.6	167.1	162.47	2.028	
11,300.0	6,947.1	11,314.9	6,947.0	85.2	82.4	89.98	4,204.7	-595.6	329.6	163.4	166.24	1.983	
11,400.0	6,946.6	11,414.9	6,946.5	87.1	84.2	89.98	4,304.7	-596.1	329.7	159.8	169.96	1.940	
11,456.1	6,946.3	11,470.9	6,946.2	88.1	85.1	89.98	4,360.8	-596.4	329.8	157.9	171.87	1.919	
11,500.0	6,946.1	11,509.3	6,946.0	89.0	85.7	89.97	4,399.1	-596.6	329.9	156.6	173.29	1.904 SF	
11,524.2	6,946.0	11,509.3	6,946.0	89.4	85.7	89.97	4,399.1	-596.6	331.2	157.4	173.74	1.906	
11,524.6	6,946.0	11,509.3	6,946.0	89.5	85.7	89.97	4,399.1	-596.6	331.2	157.5	173.75	1.906	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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	-20.74	123.5	-46.8	132.1					
100.0	100.0	100.0	100.0	0.1	0.1	-20.74	123.5	-46.8	132.1	131.8	0.22	587.513		
200.0	200.0	200.0	200.0	0.3	0.3	-20.74	123.5	-46.8	132.1	131.4	0.67	195.838 CC, ES		
300.0	300.0	295.8	295.8	0.6	0.6	-20.49	125.1	-46.8	133.6	132.5	1.11	119.926		
400.0	400.0	394.6	394.5	0.8	0.8	-19.90	129.2	-46.8	137.5	135.9	1.56	87.869		
500.0	500.0	494.5	494.3	1.0	1.0	-19.31	133.4	-46.8	141.5	139.5	2.02	70.008		
600.0	600.0	594.4	594.2	1.2	1.2	-18.76	137.6	-46.8	145.5	143.0	2.48	58.697		
700.0	700.0	694.4	694.0	1.5	1.5	-18.24	141.9	-46.8	149.5	146.6	2.94	50.904		
800.0	800.0	794.3	793.8	1.7	1.7	-17.74	146.1	-46.8	153.5	150.1	3.40	45.212		
900.0	900.0	894.2	893.6	1.9	1.9	-17.27	150.3	-46.8	157.6	153.7	3.86	40.876		
1,000.0	1,000.0	994.1	993.4	2.1	2.2	-16.83	154.6	-46.8	161.6	157.3	4.31	37.464		
1,100.0	1,100.0	1,094.0	1,093.3	2.4	2.4	-16.40	158.8	-46.8	165.7	160.9	4.77	34.710		
1,200.0	1,200.0	1,193.9	1,193.1	2.6	2.7	-16.00	163.1	-46.8	169.8	164.5	5.23	32.440		
1,300.0	1,300.0	1,293.8	1,292.9	2.8	2.9	99.33	167.3	-46.8	174.1	168.5	5.61	31.054		
1,400.0	1,399.8	1,394.3	1,393.3	3.0	3.1	101.25	171.5	-46.8	179.1	173.1	6.02	29.746		
1,500.0	1,499.5	1,500.4	1,499.4	3.2	3.3	104.16	173.5	-46.8	182.9	176.5	6.41	28.546		
1,600.0	1,598.7	1,599.7	1,598.7	3.4	3.5	107.71	173.5	-46.8	186.3	179.5	6.82	27.298		
1,706.3	1,703.7	1,704.7	1,703.7	3.7	3.7	112.31	173.5	-46.8	192.1	184.8	7.32	26.257		
1,800.0	1,795.9	1,796.9	1,795.9	4.0	3.9	116.65	173.5	-46.8	199.0	191.2	7.77	25.617		
1,900.0	1,894.4	1,895.4	1,894.4	4.3	4.1	120.94	173.5	-46.8	207.6	199.3	8.26	25.137		
2,000.0	1,992.8	1,993.8	1,992.8	4.6	4.4	124.88	173.5	-46.8	217.2	208.5	8.75	24.832		
2,100.0	2,091.2	2,092.3	2,091.2	4.9	4.6	128.48	173.5	-46.8	227.9	218.6	9.24	24.667		
2,200.0	2,189.7	2,190.7	2,189.7	5.3	4.8	131.75	173.5	-46.8	239.3	229.6	9.72	24.613		
2,300.0	2,288.1	2,289.1	2,288.1	5.6	5.0	134.71	173.5	-46.8	251.4	241.2	10.20	24.644		
2,400.0	2,386.6	2,387.6	2,386.6	6.0	5.2	137.40	173.5	-46.8	264.2	253.5	10.68	24.739		
2,500.0	2,485.0	2,486.0	2,485.0	6.4	5.4	139.85	173.5	-46.8	277.5	266.3	11.15	24.882		
2,600.0	2,583.4	2,584.5	2,583.4	6.8	5.7	142.06	173.5	-46.8	291.2	279.6	11.62	25.060		
2,700.0	2,681.9	2,682.9	2,681.9	7.1	5.9	144.08	173.5	-46.8	305.4	293.3	12.09	25.262		
2,800.0	2,780.3	2,781.4	2,780.3	7.5	6.1	145.92	173.5	-46.8	319.8	307.3	12.55	25.481		
2,900.0	2,878.8	2,879.8	2,878.8	7.9	6.3	147.60	173.5	-46.8	334.6	321.6	13.01	25.712		
3,000.0	2,977.2	2,978.2	2,977.2	8.3	6.5	149.14	173.5	-46.8	349.6	336.2	13.47	25.948		
3,100.0	3,075.7	3,087.4	3,086.4	8.7	6.7	150.76	172.2	-47.2	363.8	349.9	13.91	26.158		
3,200.0	3,174.1	3,200.1	3,198.9	9.1	6.9	152.51	166.8	-49.0	374.5	360.2	14.32	26.147		
3,300.0	3,272.5	3,313.2	3,311.6	9.5	7.1	154.40	157.2	-52.3	381.9	367.2	14.73	25.918		
3,400.0	3,371.0	3,426.5	3,423.9	9.9	7.3	156.46	143.3	-57.0	385.9	370.8	15.14	25.495		
3,500.0	3,469.4	3,539.5	3,535.3	10.3	7.5	158.75	125.3	-63.1	386.8	371.3	15.54	24.897		
3,600.0	3,567.9	3,650.5	3,643.9	10.6	7.7	161.26	103.6	-70.5	384.7	368.8	15.93	24.157		
3,700.0	3,666.3	3,749.2	3,740.1	11.0	8.0	163.64	82.9	-77.5	381.9	365.6	16.31	23.412		
3,800.0	3,764.8	3,847.8	3,836.3	11.4	8.2	166.04	62.2	-84.5	379.7	363.0	16.71	22.726		
3,900.0	3,863.2	3,946.5	3,932.5	11.8	8.5	168.46	41.4	-91.6	378.3	361.2	17.13	22.088		
4,000.0	3,961.6	4,045.2	4,028.7	12.2	8.8	170.90	20.7	-98.6	377.5	360.0	17.56	21.496		
4,057.8	4,018.6	4,102.2	4,084.3	12.5	8.9	172.32	8.7	-102.7	377.4	359.6	17.83	21.171		
4,100.0	4,060.1	4,143.8	4,124.9	12.6	9.1	173.35	0.0	-105.7	377.5	359.4	18.03	20.939		
4,200.0	4,158.5	4,242.5	4,221.1	13.0	9.4	175.79	-20.8	-112.7	378.1	359.6	18.52	20.417		
4,300.0	4,257.0	4,341.1	4,317.3	13.5	9.7	178.22	-41.5	-119.7	379.5	360.4	19.05	19.924		
4,400.0	4,355.4	4,439.8	4,413.5	13.9	10.0	-179.37	-62.2	-126.8	381.5	361.9	19.61	19.460		
4,500.0	4,453.9	4,538.5	4,509.7	14.3	10.4	-177.00	-83.0	-133.8	384.2	364.0	20.20	19.021		
4,600.0	4,552.3	4,637.1	4,605.9	14.7	10.8	-174.66	-103.7	-140.9	387.6	366.8	20.83	18.608		
4,700.0	4,650.7	4,735.8	4,702.1	15.1	11.1	-172.36	-124.5	-147.9	391.7	370.2	21.50	18.219		
4,800.0	4,749.2	4,834.4	4,798.3	15.5	11.5	-170.11	-145.2	-154.9	396.4	374.2	22.20	17.855		
4,900.0	4,847.6	4,933.1	4,894.5	15.9	11.9	-167.91	-165.9	-162.0	401.7	378.7	22.93	17.515		
5,000.0	4,946.1	5,031.7	4,990.7	16.3	12.3	-165.78	-186.7	-169.0	407.5	383.8	23.70	17.199		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.0	5,044.5	5,130.4	5,086.9	16.7	12.7	-163.71	-207.4	-176.0	414.0	389.5	24.49	16.906	
5,200.0	5,142.9	5,229.1	5,183.1	17.1	13.1	-161.70	-228.1	-183.1	420.9	395.6	25.30	16.637	
5,300.0	5,241.4	5,327.7	5,279.3	17.5	13.5	-159.76	-248.9	-190.1	428.4	402.3	26.14	16.391	
5,400.0	5,339.8	5,426.4	5,375.5	17.9	13.9	-157.88	-269.6	-197.2	436.4	409.4	26.99	16.166	
5,500.0	5,438.3	5,525.0	5,471.7	18.3	14.3	-156.07	-290.3	-204.2	444.8	416.9	27.87	15.962	
5,600.0	5,536.7	5,623.7	5,567.9	18.7	14.7	-154.33	-311.1	-211.2	453.7	424.9	28.75	15.779	
5,700.0	5,635.2	5,722.4	5,664.1	19.1	15.2	-152.66	-331.8	-218.3	462.9	433.3	29.65	15.614	
5,800.0	5,733.6	5,817.0	5,756.7	19.5	15.5	-151.30	-350.3	-224.5	473.0	442.5	30.44	15.537	
5,900.0	5,832.0	5,912.1	5,850.3	19.9	15.8	-150.35	-365.9	-229.8	484.1	452.9	31.14	15.546	
6,000.0	5,930.5	6,007.4	5,944.7	20.3	16.0	-149.80	-378.6	-234.1	496.1	464.3	31.77	15.614	
6,100.0	6,028.9	6,102.8	6,039.5	20.8	16.3	-149.62	-388.3	-237.4	508.9	476.5	32.33	15.738	
6,200.0	6,127.4	6,197.9	6,134.3	21.2	16.5	-149.80	-395.0	-239.7	522.4	489.6	32.83	15.915	
6,282.4	6,208.5	6,276.0	6,212.4	21.5	16.6	-150.18	-398.2	-240.8	534.2	501.0	33.18	16.101	
6,300.0	6,225.8	6,292.6	6,229.0	21.6	16.7	-158.09	-398.7	-241.0	536.8	503.6	33.21	16.163	
6,350.0	6,275.2	6,339.9	6,276.2	21.7	16.8	-177.19	-399.4	-241.2	544.5	511.2	33.29	16.358	
6,400.0	6,324.4	6,388.1	6,324.4	21.8	16.8	-155.15	-399.5	-241.3	552.8	519.4	33.38	16.562	
6,450.0	6,373.4	6,437.0	6,373.4	22.0	16.9	-139.81	-399.5	-241.3	561.4	527.9	33.48	16.768	
6,500.0	6,421.7	6,488.5	6,424.9	22.1	17.0	-130.05	-398.8	-241.3	570.2	536.6	33.59	16.978	
6,550.0	6,469.3	6,543.1	6,479.2	22.2	17.0	-123.63	-394.0	-241.3	579.1	545.4	33.64	17.213	
6,600.0	6,515.9	6,598.7	6,534.0	22.2	17.1	-119.17	-384.5	-241.3	587.8	554.1	33.63	17.475	
6,650.0	6,561.2	6,655.2	6,588.6	22.3	17.0	-115.90	-370.0	-241.4	596.2	562.6	33.57	17.763	
6,700.0	6,605.1	6,712.7	6,642.6	22.3	17.0	-113.40	-350.5	-241.5	604.4	570.9	33.45	18.069	
6,750.0	6,647.2	6,770.9	6,695.5	22.4	16.9	-111.40	-326.0	-241.6	612.2	578.9	33.30	18.384	
6,800.0	6,687.5	6,830.0	6,746.5	22.4	16.8	-109.73	-296.4	-241.8	619.5	586.4	33.13	18.700	
6,850.0	6,725.7	6,889.6	6,795.2	22.4	16.7	-108.28	-262.0	-242.0	626.4	593.4	32.96	19.003	
6,900.0	6,761.6	6,949.8	6,840.9	22.4	16.5	-106.99	-222.9	-242.2	632.7	599.9	32.81	19.281	
6,950.0	6,795.0	7,010.3	6,883.0	22.4	16.4	-105.81	-179.5	-242.4	638.4	605.7	32.71	19.516	
7,000.0	6,825.9	7,071.0	6,921.0	22.4	16.3	-104.70	-132.2	-242.7	643.5	610.8	32.67	19.696	
7,050.0	6,854.0	7,131.7	6,954.5	22.4	16.2	-103.65	-81.6	-242.9	647.9	615.2	32.71	19.805	
7,100.0	6,879.2	7,192.3	6,983.1	22.5	16.2	-102.62	-28.2	-243.2	651.7	618.8	32.85	19.835	
7,150.0	6,901.3	7,252.6	7,006.5	22.5	16.2	-101.63	27.4	-243.5	654.7	621.6	33.10	19.779	
7,200.0	6,920.4	7,312.4	7,024.5	22.5	16.2	-100.65	84.4	-243.8	657.2	623.7	33.47	19.633	
7,250.0	6,936.2	7,371.6	7,037.1	22.6	16.4	-99.69	142.2	-244.1	658.9	625.0	33.96	19.406	
7,300.0	6,948.7	7,430.0	7,044.4	22.7	16.6	-98.75	200.2	-244.4	660.1	625.5	34.54	19.109	
7,350.0	6,957.9	7,487.6	7,046.4	22.8	16.9	-97.83	257.7	-244.7	660.6	625.4	35.22	18.754	
7,400.0	6,963.6	7,538.5	7,045.3	23.0	17.3	-97.13	308.6	-245.0	660.7	624.8	35.97	18.369	
7,450.0	6,966.0	7,588.4	7,044.1	23.2	17.6	-96.79	358.4	-245.2	660.8	624.0	36.75	17.978	
7,462.3	6,966.0	7,600.7	7,043.8	23.3	17.7	-96.76	370.7	-245.3	660.7	623.8	36.95	17.881	
7,462.6	6,966.0	7,600.9	7,043.8	23.3	17.7	-96.76	371.0	-245.3	660.7	623.8	36.96	17.879	
7,500.0	6,965.8	7,638.3	7,042.8	23.5	18.1	-96.70	408.4	-245.5	660.7	623.1	37.57	17.584	
7,600.0	6,965.3	7,738.3	7,040.4	24.1	19.0	-96.53	508.4	-246.0	660.6	621.0	39.52	16.713	
7,700.0	6,964.8	7,838.3	7,038.0	25.0	20.1	-96.36	608.3	-246.5	660.4	618.7	41.73	15.825	
7,800.0	6,964.3	7,938.3	7,035.5	26.0	21.3	-96.19	708.3	-247.1	660.3	616.1	44.17	14.951	
7,900.0	6,963.8	8,038.3	7,033.1	27.1	22.6	-96.02	808.2	-247.6	660.2	613.4	46.79	14.111	
8,000.0	6,963.4	8,138.2	7,030.6	28.4	24.0	-95.85	908.2	-248.1	660.1	610.5	49.57	13.317	
8,100.0	6,962.9	8,238.2	7,028.2	29.7	25.5	-95.68	1,008.1	-248.6	660.0	607.5	52.48	12.576	
8,200.0	6,962.4	8,338.2	7,025.7	31.1	27.0	-95.51	1,108.1	-249.2	659.9	604.4	55.51	11.889	
8,300.0	6,961.9	8,438.2	7,023.3	32.5	28.6	-95.34	1,208.0	-249.7	659.8	601.2	58.63	11.254	
8,400.0	6,961.4	8,538.2	7,020.9	34.0	30.2	-95.17	1,308.0	-250.2	659.7	597.9	61.83	10.670	
8,500.0	6,960.9	8,638.2	7,018.4	35.5	31.8	-95.00	1,407.9	-250.7	659.6	594.5	65.10	10.132	
8,600.0	6,960.4	8,738.1	7,016.0	37.1	33.5	-94.83	1,507.9	-251.3	659.6	591.1	68.44	9.638	
8,700.0	6,959.9	8,838.1	7,013.5	38.7	35.2	-94.66	1,607.8	-251.8	659.5	587.7	71.82	9.183	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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						
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	6,959.4	8,938.1	7,011.1	40.4	36.9	94.49	1,707.8	-252.3	659.4	584.2	75.25	8.764	
8,900.0	6,958.9	9,038.1	7,008.6	42.0	38.7	94.33	1,807.7	-252.8	659.4	580.7	78.72	8.377	
9,000.0	6,958.4	9,138.1	7,006.2	43.7	40.4	94.16	1,907.7	-253.4	659.3	577.1	82.22	8.019	
9,100.0	6,957.9	9,238.0	7,003.8	45.4	42.2	93.99	2,007.6	-253.9	659.3	573.5	85.75	7.689	
9,200.0	6,957.4	9,338.0	7,001.3	47.1	44.0	93.82	2,107.6	-254.4	659.3	569.9	89.31	7.382	
9,300.0	6,957.0	9,438.0	6,998.9	48.9	45.8	93.65	2,207.5	-254.9	659.2	566.3	92.89	7.097	
9,400.0	6,956.5	9,538.0	6,996.4	50.6	47.6	93.48	2,307.4	-255.5	659.2	562.7	96.49	6.832	
9,500.0	6,956.0	9,638.0	6,994.0	52.4	49.4	93.31	2,407.4	-256.0	659.2	559.1	100.11	6.585	
9,600.0	6,955.5	9,737.9	6,991.5	54.1	51.2	93.14	2,507.3	-256.5	659.2	555.4	103.75	6.354	
9,700.0	6,955.0	9,837.9	6,989.1	55.9	53.0	92.97	2,607.3	-257.0	659.1	551.7	107.40	6.137	
9,800.0	6,954.5	9,937.9	6,986.7	57.7	54.9	92.80	2,707.2	-257.6	659.1	548.1	111.06	5.935	
9,814.7	6,954.4	9,952.6	6,986.3	58.0	55.1	92.77	2,721.9	-257.6	659.1	547.5	111.60	5.906	
9,900.0	6,954.0	10,037.9	6,984.2	59.5	56.7	92.63	2,807.2	-258.1	659.1	544.4	114.74	5.745	
10,000.0	6,953.5	10,137.9	6,981.8	61.3	58.5	92.46	2,907.1	-258.6	659.2	540.7	118.43	5.566	
10,100.0	6,953.0	10,237.8	6,979.3	63.1	60.4	92.29	3,007.1	-259.1	659.2	537.0	122.13	5.397	
10,200.0	6,952.5	10,337.8	6,976.9	64.9	62.2	92.12	3,107.0	-259.7	659.2	533.4	125.83	5.239	
10,300.0	6,952.0	10,437.8	6,974.4	66.8	64.1	91.95	3,207.0	-260.2	659.2	529.7	129.55	5.089	
10,400.0	6,951.5	10,537.8	6,972.0	68.6	66.0	91.78	3,306.9	-260.7	659.2	526.0	133.27	4.947	
10,500.0	6,951.0	10,637.8	6,969.6	70.4	67.8	91.61	3,406.9	-261.2	659.3	522.3	137.00	4.812	
10,600.0	6,950.6	10,737.8	6,967.1	72.3	69.7	91.44	3,506.8	-261.8	659.3	518.6	140.73	4.685	
10,700.0	6,950.1	10,837.7	6,964.7	74.1	71.6	91.27	3,606.8	-262.3	659.4	514.9	144.47	4.564	
10,800.0	6,949.6	10,937.7	6,962.2	75.9	73.4	91.10	3,706.7	-262.8	659.4	511.2	148.21	4.449	
10,900.0	6,949.1	11,037.7	6,959.8	77.8	75.3	90.93	3,806.7	-263.3	659.5	507.5	151.96	4.340	
11,000.0	6,948.6	11,137.7	6,957.4	79.6	77.2	90.76	3,906.6	-263.9	659.5	503.8	155.72	4.236	
11,100.0	6,948.1	11,237.7	6,954.9	81.5	79.1	90.59	4,006.6	-264.4	659.6	500.1	159.47	4.136	
11,200.0	6,947.6	11,337.6	6,952.5	83.4	81.0	90.42	4,106.5	-264.9	659.7	496.5	163.23	4.042	
11,300.0	6,947.1	11,437.6	6,950.0	85.2	82.8	90.25	4,206.5	-265.4	659.8	492.8	166.99	3.951	
11,400.0	6,946.6	11,537.6	6,947.6	87.1	84.7	90.08	4,306.4	-266.0	659.9	489.1	170.76	3.864	
11,440.9	6,946.4	11,578.5	6,946.6	87.8	85.5	90.01	4,347.4	-266.2	659.9	487.6	172.30	3.830	
11,500.0	6,946.1	11,602.2	6,946.0	89.0	85.9	89.97	4,371.1	-266.3	660.9	487.1	173.86	3.801 SF	
11,524.2	6,946.0	11,602.2	6,946.0	89.4	85.9	89.97	4,371.1	-266.3	662.7	488.4	174.32	3.802	
11,524.6	6,946.0	11,602.2	6,946.0	89.5	85.9	89.97	4,371.1	-266.3	662.7	488.4	174.32	3.802	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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	-14.40	131.1	-33.7	135.4					
100.0	100.0	99.0	99.0	0.1	0.1	-14.40	131.1	-33.7	135.4	135.2	0.22	605.425		
200.0	200.0	199.0	199.0	0.3	0.3	-14.40	131.1	-33.7	135.4	134.7	0.67	201.473		
300.0	300.0	299.0	299.0	0.6	0.6	-14.40	131.1	-33.7	135.4	134.3	1.12	120.722		
400.0	400.0	399.0	399.0	0.8	0.8	-14.40	131.1	-33.7	135.4	133.8	1.57	86.181		
500.0	500.0	499.0	499.0	1.0	1.0	-14.40	131.1	-33.7	135.4	133.4	2.02	67.008		
600.0	600.0	599.0	599.0	1.2	1.2	-14.40	131.1	-33.7	135.4	132.9	2.47	54.814		
700.0	700.0	699.0	699.0	1.5	1.5	-14.40	131.1	-33.7	135.4	132.5	2.92	46.374		
800.0	800.0	799.0	799.0	1.7	1.7	-14.40	131.1	-33.7	135.4	132.0	3.37	40.187		
900.0	900.0	899.0	899.0	1.9	1.9	-14.40	131.1	-33.7	135.4	131.6	3.82	35.456		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	-14.40	131.1	-33.7	135.4	131.1	4.27	31.722		
1,100.0	1,100.0	1,099.0	1,099.0	2.4	2.4	-14.40	131.1	-33.7	135.4	130.7	4.72	28.700		
1,200.0	1,200.0	1,199.0	1,199.0	2.6	2.6	-14.40	131.1	-33.7	135.4	130.2	5.17	26.203 CC		
1,300.0	1,300.0	1,299.0	1,299.0	2.8	2.8	100.78	131.1	-33.7	135.7	130.1	5.60	24.245 ES		
1,400.0	1,399.8	1,398.8	1,398.8	3.0	3.0	102.91	131.1	-33.7	136.8	130.8	6.02	22.741		
1,500.0	1,499.5	1,498.5	1,498.5	3.2	3.3	106.36	131.1	-33.7	139.0	132.6	6.44	21.569		
1,600.0	1,598.7	1,597.7	1,597.7	3.4	3.5	110.95	131.1	-33.7	142.9	136.0	6.89	20.747		
1,706.3	1,703.7	1,702.7	1,702.7	3.7	3.7	116.76	131.1	-33.7	149.8	142.4	7.38	20.299		
1,800.0	1,795.9	1,794.9	1,794.9	4.0	3.9	122.04	131.1	-33.7	158.0	150.2	7.82	20.189 SF		
1,900.0	1,894.4	1,893.4	1,893.4	4.3	4.1	127.08	131.1	-33.7	168.1	159.8	8.30	20.244		
2,000.0	1,992.8	1,991.8	1,991.8	4.6	4.4	131.52	131.1	-33.7	179.3	170.5	8.78	20.431		
2,100.0	2,091.2	2,090.2	2,090.2	4.9	4.6	135.43	131.1	-33.7	191.5	182.3	9.25	20.710		
2,200.0	2,189.7	2,188.7	2,188.7	5.3	4.8	138.87	131.1	-33.7	204.5	194.8	9.71	21.051		
2,300.0	2,288.1	2,287.1	2,287.1	5.6	5.0	141.89	131.1	-33.7	218.1	208.0	10.18	21.430		
2,400.0	2,386.6	2,385.6	2,385.6	6.0	5.2	144.55	131.1	-33.7	232.3	221.7	10.64	21.833		
2,500.0	2,485.0	2,484.0	2,484.0	6.4	5.5	146.91	131.1	-33.7	246.9	235.8	11.10	22.245		
2,600.0	2,583.4	2,582.4	2,582.4	6.8	5.7	149.00	131.1	-33.7	261.9	250.3	11.56	22.659		
2,700.0	2,681.9	2,680.9	2,680.9	7.1	5.9	150.87	131.1	-33.7	277.2	265.1	12.01	23.068		
2,800.0	2,780.3	2,786.6	2,786.6	7.5	6.1	152.80	129.8	-33.8	291.7	279.2	12.46	23.420		
2,900.0	2,878.8	2,894.6	2,894.4	7.9	6.3	155.01	124.6	-34.2	303.6	290.7	12.86	23.610		
3,000.0	2,977.2	3,002.6	3,002.1	8.3	6.5	157.50	115.2	-34.9	312.8	299.6	13.25	23.610		
3,100.0	3,075.7	3,110.5	3,109.1	8.7	6.7	160.30	101.9	-35.9	319.7	306.1	13.64	23.441		
3,200.0	3,174.1	3,217.9	3,215.1	9.1	6.9	163.44	84.6	-37.3	324.6	310.6	14.03	23.132		
3,300.0	3,272.5	3,316.5	3,312.0	9.5	7.1	166.47	66.9	-38.7	329.0	314.6	14.43	22.796		
3,400.0	3,371.0	3,414.8	3,408.8	9.9	7.4	169.41	49.2	-40.0	334.3	319.4	14.85	22.511		
3,500.0	3,469.4	3,513.2	3,505.5	10.3	7.6	172.25	31.5	-41.4	340.5	325.2	15.29	22.262		
3,600.0	3,567.9	3,611.6	3,602.3	10.6	7.9	174.99	13.8	-42.8	347.4	331.7	15.76	22.044		
3,700.0	3,666.3	3,709.9	3,699.0	11.0	8.1	177.62	-3.9	-44.2	355.2	339.0	16.26	21.850		
3,800.0	3,764.8	3,808.3	3,795.8	11.4	8.4	-179.87	-21.6	-45.5	363.7	346.9	16.78	21.676		
3,900.0	3,863.2	3,906.6	3,892.5	11.8	8.7	-177.47	-39.3	-46.9	372.9	355.6	17.33	21.519		
4,000.0	3,961.6	4,005.0	3,989.2	12.2	9.0	-175.19	-57.0	-48.3	382.7	364.8	17.90	21.377		
4,100.0	4,060.1	4,103.3	4,086.0	12.6	9.3	-173.02	-74.7	-49.7	393.1	374.6	18.50	21.248		
4,200.0	4,158.5	4,201.7	4,182.7	13.0	9.7	-170.97	-92.5	-51.0	404.1	384.9	19.12	21.131		
4,300.0	4,257.0	4,300.1	4,279.5	13.5	10.0	-169.02	-110.2	-52.4	415.5	395.7	19.76	21.025		
4,400.0	4,355.4	4,398.4	4,376.2	13.9	10.3	-167.18	-127.9	-53.8	427.4	407.0	20.42	20.931		
4,500.0	4,453.9	4,496.8	4,473.0	14.3	10.6	-165.44	-145.6	-55.2	439.7	418.6	21.09	20.847		
4,600.0	4,552.3	4,595.1	4,569.7	14.7	11.0	-163.80	-163.3	-56.5	452.4	430.6	21.78	20.772		
4,700.0	4,650.7	4,693.5	4,666.4	15.1	11.3	-162.24	-181.0	-57.9	465.4	443.0	22.48	20.707		
4,800.0	4,749.2	4,791.9	4,763.2	15.5	11.7	-160.77	-198.7	-59.3	478.8	455.6	23.19	20.651		
4,900.0	4,847.6	4,890.2	4,859.9	15.9	12.0	-159.37	-216.4	-60.6	492.5	468.6	23.90	20.602		
5,000.0	4,946.1	4,988.6	4,956.7	16.3	12.4	-158.06	-234.1	-62.0	506.4	481.8	24.63	20.561		
5,100.0	5,044.5	5,086.9	5,053.4	16.7	12.7	-156.81	-251.8	-63.4	520.6	495.2	25.36	20.527		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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						
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
5,200.0	5,142.9	5,185.3	5,150.2	17.1	13.1	-155.63	-269.5	-64.8	535.0	508.9	26.10	20.500	
5,300.0	5,241.4	5,283.7	5,246.9	17.5	13.5	-154.51	-287.2	-66.1	549.7	522.8	26.84	20.478	
5,400.0	5,339.8	5,382.0	5,343.6	17.9	13.8	-153.44	-304.9	-67.5	564.5	536.9	27.59	20.462	
5,500.0	5,438.3	5,480.4	5,440.4	18.3	14.2	-152.44	-322.6	-68.9	579.5	551.2	28.34	20.450	
5,600.0	5,536.7	5,578.7	5,537.1	18.7	14.6	-151.48	-340.3	-70.3	594.7	565.6	29.09	20.443	
5,700.0	5,635.2	5,677.1	5,633.9	19.1	15.0	-150.57	-358.0	-71.6	610.1	580.2	29.85	20.440	
5,800.0	5,733.6	5,775.6	5,730.9	19.5	15.3	-149.74	-375.3	-73.0	625.5	595.0	30.58	20.457	
5,900.0	5,832.0	5,874.7	5,828.9	19.9	15.6	-149.22	-389.8	-74.1	641.0	609.8	31.22	20.533	
6,000.0	5,930.5	5,974.1	5,927.7	20.3	15.9	-149.02	-400.9	-75.0	656.5	624.7	31.80	20.647	
6,100.0	6,028.9	6,073.6	6,026.8	20.8	16.1	-149.13	-408.6	-75.6	671.9	639.6	32.32	20.791	
6,200.0	6,127.4	6,172.9	6,126.0	21.2	16.3	-149.53	-412.9	-75.9	687.2	654.4	32.77	20.967	
6,282.4	6,208.5	6,254.3	6,207.5	21.5	16.4	-150.05	-413.9	-76.0	699.7	666.6	33.11	21.133	
6,300.0	6,225.8	6,271.7	6,224.8	21.6	16.4	-157.99	-413.9	-76.0	702.5	669.3	33.14	21.194	
6,350.0	6,275.2	6,321.0	6,274.2	21.7	16.5	177.23	-413.9	-76.0	710.4	677.2	33.23	21.379	
6,400.0	6,324.4	6,370.3	6,323.4	21.8	16.6	155.12	-413.9	-76.0	718.7	685.4	33.32	21.570	
6,450.0	6,373.4	6,419.2	6,372.4	22.0	16.7	139.65	-413.9	-76.0	727.2	693.8	33.41	21.767	
6,500.0	6,421.7	6,468.3	6,421.4	22.1	16.8	129.71	-413.8	-76.0	736.1	702.6	33.50	21.974	
6,550.0	6,469.3	6,523.2	6,476.3	22.2	16.8	123.26	-411.3	-76.0	745.2	711.6	33.57	22.199	
6,600.0	6,515.9	6,579.3	6,531.9	22.2	16.9	118.81	-404.4	-76.0	754.2	720.6	33.58	22.457	
6,650.0	6,561.2	6,636.4	6,587.8	22.3	16.9	115.61	-392.9	-76.1	763.0	729.4	33.54	22.746	
6,700.0	6,605.1	6,694.7	6,643.8	22.3	16.8	113.22	-376.6	-76.2	771.6	738.1	33.46	23.061	
6,750.0	6,647.2	6,754.1	6,699.2	22.4	16.8	111.37	-355.4	-76.3	780.0	746.6	33.34	23.396	
6,800.0	6,687.5	6,814.6	6,753.7	22.4	16.7	109.90	-329.1	-76.4	788.0	754.8	33.19	23.741	
6,850.0	6,725.7	6,876.2	6,806.7	22.4	16.5	108.70	-297.8	-76.6	795.6	762.6	33.03	24.084	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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	-75.02	47.0	-175.6	181.8					
100.0	100.0	100.0	100.0	0.1	0.1	-75.02	47.0	-175.6	181.8	181.6	0.22	808.796		
200.0	200.0	200.0	200.0	0.3	0.3	-75.02	47.0	-175.6	181.8	181.1	0.67	269.599		
300.0	300.0	300.0	300.0	0.6	0.6	-75.02	47.0	-175.6	181.8	180.7	1.12	161.759		
400.0	400.0	400.0	400.0	0.8	0.8	-75.02	47.0	-175.6	181.8	180.2	1.57	115.542		
500.0	500.0	500.0	500.0	1.0	1.0	-75.02	47.0	-175.6	181.8	179.8	2.02	89.866		
600.0	600.0	600.0	600.0	1.2	1.2	-75.02	47.0	-175.6	181.8	179.3	2.47	73.527		
700.0	700.0	700.0	700.0	1.5	1.5	-75.02	47.0	-175.6	181.8	178.9	2.92	62.215		
800.0	800.0	800.0	800.0	1.7	1.7	-75.02	47.0	-175.6	181.8	178.4	3.37	53.920		
900.0	900.0	900.0	900.0	1.9	1.9	-75.02	47.0	-175.6	181.8	178.0	3.82	47.576		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-75.02	47.0	-175.6	181.8	177.5	4.27	42.568		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-75.02	47.0	-175.6	181.8	177.1	4.72	38.514		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-75.02	47.0	-175.6	181.8	176.6	5.17	35.165		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	39.81	47.0	-175.6	180.4	174.8	5.60	32.234		
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	40.95	47.0	-175.6	176.5	170.4	6.01	29.368		
1,500.0	1,499.5	1,499.5	1,499.5	3.2	3.3	42.96	47.0	-175.6	170.0	163.5	6.43	26.453		
1,600.0	1,598.7	1,598.7	1,598.7	3.4	3.5	46.03	47.0	-175.6	161.2	154.4	6.85	23.524		
1,706.3	1,703.7	1,703.7	1,703.7	3.7	3.7	50.78	47.0	-175.6	150.0	142.7	7.34	20.446		
1,800.0	1,795.9	1,795.9	1,795.9	4.0	3.9	55.95	47.0	-175.6	140.1	132.3	7.81	17.941		
1,900.0	1,894.4	1,894.4	1,894.4	4.3	4.1	62.26	47.0	-175.6	130.9	122.6	8.34	15.693		
2,000.0	1,992.8	1,992.8	1,992.8	4.6	4.4	69.39	47.0	-175.6	123.6	114.7	8.91	13.874		
2,100.0	2,091.2	2,091.2	2,091.2	4.9	4.6	77.25	47.0	-175.6	118.5	109.0	9.50	12.474		
2,200.0	2,189.7	2,189.7	2,189.7	5.3	4.8	85.63	47.0	-175.6	115.8	105.8	10.09	11.476		
2,251.0	2,239.9	2,239.9	2,239.9	5.5	4.9	90.00	47.0	-175.6	115.5	105.1	10.39	11.113 CC, ES		
2,300.0	2,288.1	2,288.1	2,288.1	5.6	5.0	94.20	47.0	-175.6	115.8	105.1	10.67	10.852		
2,400.0	2,386.6	2,386.6	2,386.6	6.0	5.3	102.59	47.0	-175.6	118.4	107.2	11.22	10.557		
2,500.0	2,485.0	2,485.0	2,485.0	6.4	5.5	110.46	47.0	-175.6	123.5	111.8	11.73	10.534 SF		
2,600.0	2,583.4	2,586.8	2,586.7	6.8	5.7	118.15	45.8	-175.0	129.7	117.6	12.17	10.659		
2,700.0	2,681.9	2,688.8	2,688.7	7.1	5.9	126.00	41.6	-172.6	135.3	122.8	12.54	10.792		
2,800.0	2,780.3	2,790.2	2,789.7	7.5	6.0	134.13	34.2	-168.5	140.7	127.9	12.84	10.958		
2,900.0	2,878.8	2,890.9	2,889.6	7.9	6.2	142.60	23.7	-162.6	146.8	133.7	13.11	11.199		
3,000.0	2,977.2	2,990.2	2,987.8	8.3	6.4	151.30	10.5	-155.3	154.3	141.0	13.35	11.556		
3,100.0	3,075.7	3,087.0	3,083.3	8.7	6.7	159.30	-3.6	-147.4	164.6	151.0	13.63	12.078		
3,200.0	3,174.1	3,183.8	3,178.7	9.1	6.9	166.29	-17.7	-139.6	177.9	163.9	13.97	12.732		
3,300.0	3,272.5	3,280.7	3,274.2	9.5	7.1	172.27	-31.7	-131.7	193.5	179.1	14.38	13.458		
3,400.0	3,371.0	3,377.5	3,369.7	9.9	7.4	177.34	-45.8	-123.9	210.9	196.0	14.84	14.211		
3,500.0	3,469.4	3,474.3	3,465.2	10.3	7.7	-178.37	-59.9	-116.1	229.7	214.3	15.34	14.968		
3,600.0	3,567.9	3,571.2	3,560.7	10.6	7.9	-174.72	-73.9	-108.2	249.6	233.7	15.88	15.713		
3,700.0	3,666.3	3,668.0	3,656.2	11.0	8.2	-171.62	-88.0	-100.4	270.3	253.8	16.45	16.436		
3,800.0	3,764.8	3,764.8	3,751.7	11.4	8.5	-168.95	-102.1	-92.5	291.7	274.7	17.03	17.132		
3,900.0	3,863.2	3,861.7	3,847.1	11.8	8.8	-166.65	-116.1	-84.7	313.6	296.0	17.62	17.800		
4,000.0	3,961.6	3,958.5	3,942.6	12.2	9.1	-164.64	-130.2	-76.9	336.0	317.7	18.22	18.439		
4,100.0	4,060.1	4,055.3	4,038.1	12.6	9.4	-162.89	-144.3	-69.0	358.6	339.8	18.83	19.048		
4,200.0	4,158.5	4,152.2	4,133.6	13.0	9.8	-161.34	-158.3	-61.2	381.6	362.2	19.44	19.628		
4,300.0	4,257.0	4,249.0	4,229.1	13.5	10.1	-159.97	-172.4	-53.3	404.8	384.8	20.06	20.181		
4,400.0	4,355.4	4,345.8	4,324.6	13.9	10.4	-158.75	-186.5	-45.5	428.2	407.6	20.68	20.707		
4,500.0	4,453.9	4,442.7	4,420.0	14.3	10.7	-157.65	-200.5	-37.7	451.8	430.5	21.31	21.207		
4,600.0	4,552.3	4,539.5	4,515.5	14.7	11.1	-156.66	-214.6	-29.8	475.5	453.6	21.93	21.683		
4,700.0	4,650.7	4,636.3	4,611.0	15.1	11.4	-155.77	-228.7	-22.0	499.4	476.8	22.56	22.136		
4,800.0	4,749.2	4,733.2	4,706.5	15.5	11.7	-154.95	-242.7	-14.1	523.3	500.1	23.19	22.568		
4,900.0	4,847.6	4,830.0	4,802.0	15.9	12.1	-154.21	-256.8	-6.3	547.4	523.5	23.82	22.979		
5,000.0	4,946.1	4,926.8	4,897.5	16.3	12.4	-153.53	-270.9	1.5	571.5	547.0	24.45	23.372		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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
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	5,044.5	5,023.7	4,993.0	16.7	12.8	-152.90	-284.9	9.4	595.7	570.6	25.08	23.746	
5,200.0	5,142.9	5,120.5	5,088.4	17.1	13.1	-152.33	-299.0	17.2	619.9	594.2	25.72	24.103	
5,300.0	5,241.4	5,217.3	5,183.9	17.5	13.5	-151.79	-313.1	25.1	644.2	617.8	26.35	24.445	
5,400.0	5,339.8	5,314.2	5,279.4	17.9	13.8	-151.30	-327.1	32.9	668.6	641.6	26.99	24.771	
5,500.0	5,438.3	5,411.0	5,374.9	18.3	14.2	-150.84	-341.2	40.7	692.9	665.3	27.63	25.083	
5,600.0	5,536.7	5,507.8	5,470.4	18.7	14.5	-150.41	-355.3	48.6	717.4	689.1	28.26	25.382	
5,700.0	5,635.2	5,604.7	5,565.9	19.1	14.9	-150.01	-369.3	56.4	741.9	713.0	28.90	25.669	
5,800.0	5,733.6	5,701.5	5,661.3	19.5	15.2	-149.63	-383.4	64.3	766.4	736.8	29.54	25.943	
5,900.0	5,832.0	5,804.6	5,763.1	19.9	15.6	-149.28	-398.1	72.5	790.7	760.6	30.18	26.197	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix K-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	-71.45	54.6	-162.8	171.7					
100.0	100.0	100.0	100.0	0.1	0.1	-71.45	54.6	-162.8	171.7	171.5	0.22	764.060		
200.0	200.0	200.0	200.0	0.3	0.3	-71.45	54.6	-162.8	171.7	171.1	0.67	254.687		
300.0	300.0	300.0	300.0	0.6	0.6	-71.45	54.6	-162.8	171.7	170.6	1.12	152.812		
400.0	400.0	400.0	400.0	0.8	0.8	-71.45	54.6	-162.8	171.7	170.2	1.57	109.151		
500.0	500.0	500.0	500.0	1.0	1.0	-71.45	54.6	-162.8	171.7	169.7	2.02	84.896		
600.0	600.0	600.0	600.0	1.2	1.2	-71.45	54.6	-162.8	171.7	169.3	2.47	69.460		
700.0	700.0	700.0	700.0	1.5	1.5	-71.45	54.6	-162.8	171.7	168.8	2.92	58.774		
800.0	800.0	800.0	800.0	1.7	1.7	-71.45	54.6	-162.8	171.7	168.4	3.37	50.937		
900.0	900.0	900.0	900.0	1.9	1.9	-71.45	54.6	-162.8	171.7	167.9	3.82	44.945		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-71.45	54.6	-162.8	171.7	167.5	4.27	40.214		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-71.45	54.6	-162.8	171.7	167.0	4.72	36.384		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-71.45	54.6	-162.8	171.7	166.6	5.17	33.220		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	43.43	54.6	-162.8	170.5	164.9	5.60	30.450		
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	44.72	54.6	-162.8	166.7	160.7	6.01	27.740		
1,500.0	1,499.5	1,499.5	1,499.5	3.2	3.3	47.00	54.6	-162.8	160.6	154.2	6.43	24.988		
1,600.0	1,598.7	1,598.7	1,598.7	3.4	3.5	50.45	54.6	-162.8	152.5	145.7	6.86	22.234		
1,706.3	1,703.7	1,703.7	1,703.7	3.7	3.7	55.78	54.6	-162.8	142.4	135.0	7.35	19.367		
1,800.0	1,795.9	1,795.9	1,795.9	4.0	3.9	61.56	54.6	-162.8	133.7	125.9	7.83	17.077		
1,900.0	1,894.4	1,894.4	1,894.4	4.3	4.1	68.50	54.6	-162.8	126.2	117.8	8.37	15.071		
2,000.0	1,992.8	1,992.8	1,992.8	4.6	4.4	76.17	54.6	-162.8	120.8	111.8	8.94	13.506		
2,100.0	2,091.2	2,095.0	2,095.0	4.9	4.6	84.88	53.5	-161.7	116.3	106.8	9.51	12.228		
2,200.0	2,189.7	2,196.8	2,196.7	5.3	4.8	94.76	49.8	-158.1	111.3	101.3	10.04	11.083		
2,300.0	2,288.1	2,297.7	2,297.2	5.6	5.0	106.17	43.5	-152.1	106.9	96.4	10.53	10.148		
2,400.0	2,386.6	2,397.5	2,396.2	6.0	5.2	119.27	34.8	-143.7	104.6	93.6	10.94	9.558		
2,415.9	2,402.3	2,413.3	2,411.9	6.1	5.2	121.50	33.2	-142.2	104.5	93.5	11.00	9.504 CC, ES		
2,500.0	2,485.0	2,495.9	2,493.4	6.4	5.4	133.63	23.8	-133.1	106.2	95.0	11.25	9.445 SF		
2,600.0	2,583.4	2,591.9	2,588.0	6.8	5.6	147.34	11.8	-121.5	113.9	102.4	11.51	9.897		
2,700.0	2,681.9	2,687.8	2,682.4	7.1	5.9	158.85	-0.1	-110.0	127.5	115.7	11.81	10.794		
2,800.0	2,780.3	2,783.7	2,776.9	7.5	6.1	167.97	-12.1	-98.4	145.4	133.2	12.19	11.927		
2,900.0	2,878.8	2,879.7	2,871.4	7.9	6.4	175.03	-24.1	-86.9	166.2	153.5	12.63	13.156		
3,000.0	2,977.2	2,975.6	2,965.9	8.3	6.7	-179.48	-36.1	-75.4	188.9	175.8	13.12	14.399		
3,100.0	3,075.7	3,071.5	3,060.3	8.7	7.0	-175.18	-48.1	-63.8	212.9	199.3	13.64	15.616		
3,200.0	3,174.1	3,167.5	3,154.8	9.1	7.3	-171.75	-60.1	-52.3	237.9	223.7	14.17	16.784		
3,300.0	3,272.5	3,263.4	3,249.3	9.5	7.6	-168.97	-72.0	-40.7	263.5	248.8	14.73	17.896		
3,400.0	3,371.0	3,359.3	3,343.8	9.9	8.0	-166.67	-84.0	-29.2	289.6	274.3	15.29	18.947		
3,500.0	3,469.4	3,455.3	3,438.3	10.3	8.3	-164.76	-96.0	-17.6	316.1	300.3	15.85	19.939		
3,600.0	3,567.9	3,551.2	3,532.7	10.6	8.6	-163.14	-108.0	-6.1	342.9	326.4	16.43	20.873		
3,700.0	3,666.3	3,647.1	3,627.2	11.0	9.0	-161.75	-120.0	5.5	369.8	352.8	17.00	21.751		
3,800.0	3,764.8	3,743.1	3,721.7	11.4	9.3	-160.55	-132.0	17.0	397.0	379.4	17.58	22.578		
3,900.0	3,863.2	3,839.0	3,816.2	11.8	9.7	-159.51	-143.9	28.6	424.3	406.1	18.17	23.356		
4,000.0	3,961.6	3,934.9	3,910.7	12.2	10.0	-158.59	-155.9	40.1	451.7	432.9	18.75	24.088		
4,100.0	4,060.1	4,030.9	4,005.1	12.6	10.4	-157.78	-167.9	51.7	479.2	459.8	19.34	24.779		
4,200.0	4,158.5	4,126.8	4,099.6	13.0	10.7	-157.05	-179.9	63.2	506.8	486.8	19.93	25.431		
4,300.0	4,257.0	4,222.7	4,194.1	13.5	11.1	-156.40	-191.9	74.8	534.4	513.9	20.52	26.046		
4,400.0	4,355.4	4,318.7	4,288.6	13.9	11.4	-155.81	-203.9	86.3	562.1	541.0	21.11	26.628		
4,500.0	4,453.9	4,414.6	4,383.0	14.3	11.8	-155.28	-215.8	97.9	589.9	568.2	21.70	27.178		
4,600.0	4,552.3	4,510.5	4,477.5	14.7	12.2	-154.79	-227.8	109.4	617.7	595.4	22.30	27.700		
4,700.0	4,650.7	4,606.5	4,572.0	15.1	12.5	-154.35	-239.8	121.0	645.5	622.6	22.90	28.194		
4,800.0	4,749.2	4,702.4	4,666.5	15.5	12.9	-153.94	-251.8	132.5	673.4	649.9	23.49	28.663		
4,900.0	4,847.6	4,798.3	4,761.0	15.9	13.3	-153.57	-263.8	144.1	701.3	677.2	24.09	29.110		
5,000.0	4,946.1	4,894.3	4,855.4	16.3	13.6	-153.22	-275.7	155.6	729.2	704.5	24.69	29.534		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix K-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	
5,100.0	5,044.5	4,990.2	4,949.9	16.7	14.0	-152.90	-287.7	167.2	757.1	731.9	25.29	29.938	
5,200.0	5,142.9	5,086.1	5,044.4	17.1	14.4	-152.61	-299.7	178.7	785.1	759.2	25.89	30.323	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design		Matrix 29- Pad Sec.29-T6N-R65W - Matrix L-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	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	-67.41	62.3	-149.7	162.2						
100.0	100.0	100.0	100.0	0.1	0.1	-67.41	62.3	-149.7	162.2	161.9	0.22	721.482			
200.0	200.0	200.0	200.0	0.3	0.3	-67.41	62.3	-149.7	162.2	161.5	0.67	240.494			
300.0	300.0	300.0	300.0	0.6	0.6	-67.41	62.3	-149.7	162.2	161.0	1.12	144.296			
400.0	400.0	400.0	400.0	0.8	0.8	-67.41	62.3	-149.7	162.2	160.6	1.57	103.069			
500.0	500.0	500.0	500.0	1.0	1.0	-67.41	62.3	-149.7	162.2	160.1	2.02	80.165			
600.0	600.0	600.0	600.0	1.2	1.2	-67.41	62.3	-149.7	162.2	159.7	2.47	65.589			
700.0	700.0	700.0	700.0	1.5	1.5	-67.41	62.3	-149.7	162.2	159.2	2.92	55.499			
800.0	800.0	800.0	800.0	1.7	1.7	-67.41	62.3	-149.7	162.2	158.8	3.37	48.099			
900.0	900.0	900.0	900.0	1.9	1.9	-67.41	62.3	-149.7	162.2	158.3	3.82	42.440			
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-67.41	62.3	-149.7	162.2	157.9	4.27	37.973			
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-67.41	62.3	-149.7	162.2	157.4	4.72	34.356			
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-67.41	62.3	-149.7	162.2	157.0	5.17	31.369			
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	47.52	62.3	-149.7	161.0	155.4	5.60	28.756			
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	48.98	62.3	-149.7	157.5	151.5	6.01	26.204			
1,500.0	1,499.5	1,499.5	1,499.5	3.2	3.3	51.54	62.3	-149.7	151.9	145.5	6.43	23.622			
1,600.0	1,598.7	1,598.7	1,598.7	3.4	3.5	55.42	62.3	-149.7	144.6	137.7	6.87	21.056			
1,706.3	1,703.7	1,703.7	1,703.7	3.7	3.7	61.35	62.3	-149.7	135.7	128.4	7.37	18.424			
1,800.0	1,795.9	1,795.9	1,795.9	4.0	3.9	67.72	62.3	-149.7	128.6	120.7	7.85	16.373			
1,900.0	1,894.4	1,898.4	1,898.4	4.3	4.1	75.74	61.3	-148.4	121.3	112.9	8.39	14.465			
2,000.0	1,992.8	2,000.2	2,000.0	4.6	4.3	85.26	58.2	-144.1	113.4	104.4	8.92	12.708			
2,100.0	2,091.2	2,100.8	2,100.3	4.9	4.5	96.83	53.1	-136.9	106.0	96.5	9.45	11.214			
2,200.0	2,189.7	2,200.1	2,198.8	5.3	4.7	110.76	46.0	-127.1	101.1	91.1	9.93	10.180			
2,249.8	2,238.7	2,249.0	2,247.1	5.5	4.8	118.47	41.7	-121.3	100.3	90.2	10.14	9.897 CC, ES			
2,300.0	2,288.1	2,297.8	2,295.3	5.6	5.0	126.56	37.0	-114.7	101.2	90.9	10.32	9.806 SF			
2,400.0	2,386.6	2,393.7	2,389.5	6.0	5.2	142.62	26.4	-100.0	108.5	97.9	10.64	10.202			
2,500.0	2,485.0	2,488.1	2,481.7	6.4	5.5	156.83	14.5	-83.5	123.8	112.8	10.96	11.297			
2,600.0	2,583.4	2,582.3	2,573.6	6.8	5.8	167.70	2.6	-67.0	145.4	134.0	11.35	12.808			
2,700.0	2,681.9	2,676.5	2,665.6	7.1	6.1	175.71	-9.4	-50.4	170.8	159.0	11.80	14.477			
2,800.0	2,780.3	2,770.7	2,757.5	7.5	6.5	-178.36	-21.3	-33.8	198.7	186.4	12.29	16.166			
2,900.0	2,878.8	2,864.9	2,849.5	7.9	6.8	-173.88	-33.3	-17.2	228.1	215.3	12.81	17.807			
3,000.0	2,977.2	2,959.1	2,941.4	8.3	7.2	-170.42	-45.3	-0.6	258.6	245.2	13.35	19.371			
3,100.0	3,075.7	3,053.3	3,033.4	8.7	7.6	-167.67	-57.2	16.0	289.7	275.8	13.89	20.848			
3,200.0	3,174.1	3,147.5	3,125.3	9.1	8.0	-165.46	-69.2	32.6	321.3	306.8	14.45	22.235			
3,300.0	3,272.5	3,241.7	3,217.3	9.5	8.3	-163.64	-81.2	49.1	353.3	338.2	15.01	23.533			
3,400.0	3,371.0	3,335.9	3,309.2	9.9	8.7	-162.12	-93.1	65.7	385.5	369.9	15.58	24.747			
3,500.0	3,469.4	3,430.1	3,401.2	10.3	9.1	-160.83	-105.1	82.3	417.9	401.8	16.15	25.883			
3,600.0	3,567.9	3,524.3	3,493.2	10.6	9.6	-159.73	-117.1	98.9	450.6	433.8	16.72	26.946			
3,700.0	3,666.3	3,618.5	3,585.1	11.0	10.0	-158.78	-129.0	115.5	483.3	466.0	17.30	27.940			
3,800.0	3,764.8	3,712.7	3,677.1	11.4	10.4	-157.95	-141.0	132.1	516.1	498.3	17.88	28.873			
3,900.0	3,863.2	3,806.9	3,769.0	11.8	10.8	-157.21	-152.9	148.7	549.1	530.6	18.46	29.748			
4,000.0	3,961.6	3,901.1	3,861.0	12.2	11.2	-156.56	-164.9	165.3	582.1	563.0	19.04	30.570			
4,100.0	4,060.1	3,995.3	3,952.9	12.6	11.6	-155.98	-176.9	181.8	615.1	595.5	19.63	31.342			
4,200.0	4,158.5	4,089.5	4,044.9	13.0	12.1	-155.46	-188.8	198.4	648.3	628.0	20.21	32.070			
4,300.0	4,257.0	4,183.7	4,136.8	13.5	12.5	-154.99	-200.8	215.0	681.4	660.6	20.80	32.757			
4,400.0	4,355.4	4,277.9	4,228.8	13.9	12.9	-154.56	-212.8	231.6	714.6	693.2	21.39	33.405			
4,500.0	4,453.9	4,372.1	4,320.7	14.3	13.4	-154.17	-224.7	248.2	747.8	725.8	21.98	34.017			
4,600.0	4,552.3	4,466.3	4,412.7	14.7	13.8	-153.81	-236.7	264.8	781.1	758.5	22.58	34.597			

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix M-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						
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	-62.94	69.9	-136.9	153.8				
100.0	100.0	100.0	100.0	0.1	0.1	-62.94	69.9	-136.9	153.8	153.5	0.22	684.071	
200.0	200.0	200.0	200.0	0.3	0.3	-62.94	69.9	-136.9	153.8	153.1	0.67	228.024	
300.0	300.0	300.0	300.0	0.6	0.6	-62.94	69.9	-136.9	153.8	152.6	1.12	136.814	
400.0	400.0	400.0	400.0	0.8	0.8	-62.94	69.9	-136.9	153.8	152.2	1.57	97.724	
500.0	500.0	500.0	500.0	1.0	1.0	-62.94	69.9	-136.9	153.8	151.7	2.02	76.008	
600.0	600.0	600.0	600.0	1.2	1.2	-62.94	69.9	-136.9	153.8	151.3	2.47	62.188	
700.0	700.0	700.0	700.0	1.5	1.5	-62.94	69.9	-136.9	153.8	150.8	2.92	52.621	
800.0	800.0	800.0	800.0	1.7	1.7	-62.94	69.9	-136.9	153.8	150.4	3.37	45.605	
900.0	900.0	900.0	900.0	1.9	1.9	-62.94	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	-62.94	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	-62.94	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	-62.94	69.9	-136.9	153.8	148.6	5.17	29.742	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	52.05	69.9	-136.9	152.7	147.1	5.60	27.271	
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	53.68	69.9	-136.9	149.5	143.5	6.01	24.872	
1,500.0	1,499.5	1,499.5	1,499.5	3.2	3.3	56.54	69.9	-136.9	144.5	138.1	6.43	22.461	
1,600.0	1,598.7	1,598.7	1,598.7	3.4	3.5	60.85	69.9	-136.9	138.1	131.3	6.88	20.091	
1,706.3	1,703.7	1,708.5	1,708.4	3.7	3.7	67.88	68.9	-135.1	128.8	121.5	7.37	17.475	
1,800.0	1,795.9	1,804.0	1,803.8	4.0	3.9	76.03	66.3	-130.6	118.7	110.8	7.84	15.145	
1,900.0	1,894.4	1,904.7	1,904.1	4.3	4.1	86.95	61.9	-122.9	107.9	99.6	8.36	12.912	
2,000.0	1,992.8	2,003.9	2,002.6	4.6	4.3	100.84	55.8	-112.3	99.3	90.4	8.88	11.177	
2,098.3	2,089.6	2,099.9	2,097.3	4.9	4.5	117.33	48.3	-99.2	95.7	86.4	9.35	10.240 CC	
2,100.0	2,091.2	2,101.5	2,098.9	4.9	4.5	117.62	48.2	-99.0	95.7	86.4	9.36	10.232 ES, SF	
2,200.0	2,189.7	2,197.1	2,192.8	5.3	4.8	135.55	39.1	-83.1	100.4	90.7	9.75	10.297	
2,300.0	2,288.1	2,290.8	2,284.1	5.6	5.1	151.91	28.7	-65.0	114.8	104.7	10.12	11.344	
2,400.0	2,386.6	2,382.5	2,372.8	6.0	5.4	165.11	17.1	-44.8	137.9	127.4	10.51	13.114	
2,500.0	2,485.0	2,474.7	2,461.7	6.4	5.8	174.86	4.9	-23.6	167.0	156.0	10.97	15.227	
2,600.0	2,583.4	2,566.9	2,550.5	6.8	6.2	-178.27	-7.3	-2.3	199.4	188.0	11.46	17.409	
2,700.0	2,681.9	2,659.0	2,639.4	7.1	6.6	-173.29	-19.5	18.9	233.8	221.9	11.97	19.532	
2,800.0	2,780.3	2,751.2	2,728.3	7.5	7.1	-169.58	-31.7	40.2	269.4	256.9	12.50	21.548	
2,900.0	2,878.8	2,843.4	2,817.1	7.9	7.5	-166.72	-43.9	61.4	305.8	292.7	13.05	23.439	
3,000.0	2,977.2	2,935.6	2,906.0	8.3	8.0	-164.46	-56.1	82.7	342.7	329.1	13.60	25.204	
3,100.0	3,075.7	3,027.7	2,994.8	8.7	8.4	-162.63	-68.2	104.0	379.9	365.8	14.15	26.846	
3,200.0	3,174.1	3,119.9	3,083.7	9.1	8.9	-161.13	-80.4	125.2	417.5	402.8	14.71	28.372	
3,300.0	3,272.5	3,212.1	3,172.5	9.5	9.4	-159.88	-92.6	146.5	455.2	439.9	15.28	29.790	
3,400.0	3,371.0	3,304.2	3,261.4	9.9	9.9	-158.81	-104.8	167.7	493.1	477.3	15.85	31.110	
3,500.0	3,469.4	3,396.4	3,350.2	10.3	10.3	-157.90	-117.0	189.0	531.2	514.8	16.43	32.338	
3,600.0	3,567.9	3,488.6	3,439.1	10.6	10.8	-157.11	-129.2	210.2	569.3	552.3	17.00	33.484	
3,700.0	3,666.3	3,580.8	3,528.0	11.0	11.3	-156.42	-141.4	231.5	607.5	590.0	17.58	34.553	
3,800.0	3,764.8	3,672.9	3,616.8	11.4	11.8	-155.81	-153.6	252.7	645.8	627.7	18.17	35.553	
3,900.0	3,863.2	3,765.1	3,705.7	11.8	12.3	-155.26	-165.8	274.0	684.2	665.4	18.75	36.490	
4,000.0	3,961.6	3,857.3	3,794.5	12.2	12.8	-154.78	-178.0	295.2	722.6	703.2	19.34	37.368	
4,100.0	4,060.1	3,949.5	3,883.4	12.6	13.3	-154.34	-190.2	316.5	761.0	741.1	19.92	38.193	
4,200.0	4,158.5	4,041.6	3,972.2	13.0	13.8	-153.95	-202.4	337.8	799.5	778.9	20.51	38.970	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	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	-57.99	77.6	-124.1	146.4				
100.0	100.0	100.0	100.0	0.1	0.1	-57.99	77.6	-124.1	146.4	146.2	0.22	651.264	
200.0	200.0	200.0	200.0	0.3	0.3	-57.99	77.6	-124.1	146.4	145.7	0.67	217.088	
300.0	300.0	300.0	300.0	0.6	0.6	-57.99	77.6	-124.1	146.4	145.3	1.12	130.253	
400.0	400.0	400.0	400.0	0.8	0.8	-57.99	77.6	-124.1	146.4	144.8	1.57	93.038	
500.0	500.0	500.0	500.0	1.0	1.0	-57.99	77.6	-124.1	146.4	144.4	2.02	72.363	
600.0	600.0	600.0	600.0	1.2	1.2	-57.99	77.6	-124.1	146.4	143.9	2.47	59.206	
700.0	700.0	700.0	700.0	1.5	1.5	-57.99	77.6	-124.1	146.4	143.5	2.92	50.097	
800.0	800.0	800.0	800.0	1.7	1.7	-57.99	77.6	-124.1	146.4	143.0	3.37	43.418	
900.0	900.0	900.0	900.0	1.9	1.9	-57.99	77.6	-124.1	146.4	142.6	3.82	38.310	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-57.99	77.6	-124.1	146.4	142.1	4.27	34.277	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-57.99	77.6	-124.1	146.4	141.7	4.72	31.013	
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-57.99	77.6	-124.1	146.4	141.2	5.17	28.316	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	57.06	77.6	-124.1	145.4	139.8	5.60	25.975	
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	58.87	77.6	-124.1	142.6	136.6	6.01	23.725	
1,500.0	1,499.5	1,504.4	1,504.4	3.2	3.2	62.35	76.7	-122.4	136.5	130.1	6.43	21.242	
1,600.0	1,598.7	1,607.7	1,607.5	3.4	3.4	68.09	74.1	-117.5	126.1	119.2	6.85	18.399	
1,706.3	1,703.7	1,715.5	1,714.9	3.7	3.7	77.88	69.5	-108.8	111.8	104.5	7.35	15.220	
1,800.0	1,795.9	1,808.7	1,807.3	4.0	3.9	90.03	64.0	-98.4	99.6	91.8	7.83	12.732	
1,900.0	1,894.4	1,906.5	1,903.9	4.3	4.1	106.93	56.7	-84.7	90.7	82.4	8.35	10.864	
1,956.7	1,950.2	1,961.1	1,957.6	4.5	4.3	118.05	51.9	-75.7	89.1	80.5	8.64	10.313 CC, ES	
2,000.0	1,992.8	2,002.4	1,997.9	4.6	4.4	126.85	48.0	-68.4	90.1	81.3	8.84	10.200 SF	
2,100.0	2,091.2	2,096.2	2,089.3	4.9	4.7	146.21	38.2	-49.8	100.9	91.7	9.27	10.891	
2,200.0	2,189.7	2,187.8	2,177.9	5.3	5.1	161.88	27.2	-29.0	122.5	112.8	9.69	12.646	
2,300.0	2,288.1	2,279.0	2,265.5	5.6	5.5	173.34	15.3	-6.6	151.9	141.8	10.14	14.987	
2,400.0	2,386.6	2,370.6	2,353.5	6.0	5.9	-178.85	3.4	15.9	185.4	174.8	10.62	17.463	
2,500.0	2,485.0	2,462.2	2,441.4	6.4	6.3	-173.40	-8.5	38.4	221.2	210.1	11.12	19.887	
2,600.0	2,583.4	2,553.7	2,529.4	6.8	6.8	-169.44	-20.5	60.9	258.3	246.6	11.64	22.183	
2,700.0	2,681.9	2,645.3	2,617.3	7.1	7.3	-166.47	-32.4	83.4	296.2	284.0	12.17	24.326	
2,800.0	2,780.3	2,736.9	2,705.3	7.5	7.7	-164.16	-44.3	105.9	334.6	321.9	12.72	26.313	
2,900.0	2,878.8	2,828.4	2,793.2	7.9	8.2	-162.33	-56.3	128.5	373.4	360.1	13.26	28.151	
3,000.0	2,977.2	2,920.0	2,881.2	8.3	8.7	-160.83	-68.2	151.0	412.4	398.6	13.82	29.848	
3,100.0	3,075.7	3,011.6	2,969.1	8.7	9.2	-159.60	-80.1	173.5	451.7	437.3	14.38	31.417	
3,200.0	3,174.1	3,103.1	3,057.1	9.1	9.7	-158.56	-92.1	196.0	491.1	476.2	14.94	32.868	
3,300.0	3,272.5	3,194.7	3,145.0	9.5	10.2	-157.67	-104.0	218.5	530.6	515.1	15.51	34.212	
3,400.0	3,371.0	3,286.3	3,233.0	9.9	10.8	-156.90	-115.9	241.0	570.3	554.2	16.08	35.458	
3,500.0	3,469.4	3,377.8	3,320.9	10.3	11.3	-156.24	-127.9	263.6	610.0	593.3	16.66	36.617	
3,600.0	3,567.9	3,469.4	3,408.9	10.6	11.8	-155.66	-139.8	286.1	649.7	632.5	17.24	37.695	
3,700.0	3,666.3	3,561.0	3,496.8	11.0	12.3	-155.14	-151.7	308.6	689.5	671.7	17.82	38.701	
3,800.0	3,764.8	3,652.5	3,584.8	11.4	12.9	-154.68	-163.7	331.1	729.4	711.0	18.40	39.641	
3,900.0	3,863.2	3,744.1	3,672.7	11.8	13.4	-154.27	-175.6	353.6	769.3	750.3	18.98	40.520	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Matrix 29- Pad Sec.29-T6N-R65W - Matrix S-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	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	59.72	7.6	13.1	15.2	15.2	0.00	N/A				
100.0	100.0	99.0	99.0	0.1	0.1	59.72	7.6	13.1	15.1	14.9	0.22	67.729				
200.0	200.0	199.0	199.0	0.3	0.3	59.72	7.6	13.1	15.1	14.5	0.67	22.539				
300.0	300.0	299.0	299.0	0.6	0.6	59.72	7.6	13.1	15.1	14.0	1.12	13.505				
400.0	400.0	399.0	399.0	0.8	0.8	59.72	7.6	13.1	15.1	13.6	1.57	9.641				
500.0	500.0	499.0	499.0	1.0	1.0	59.72	7.6	13.1	15.1	13.1	2.02	7.496				
600.0	600.0	599.0	599.0	1.2	1.2	59.72	7.6	13.1	15.1	12.7	2.47	6.132 CC, ES				
700.0	700.0	698.6	698.6	1.5	1.4	64.05	7.2	14.7	16.4	13.5	2.90	5.636 SF				
800.0	800.0	798.0	797.8	1.7	1.6	73.81	5.7	19.6	20.5	17.2	3.33	6.151				
900.0	900.0	896.9	896.3	1.9	1.9	83.27	3.3	27.8	28.1	24.4	3.78	7.451				
1,000.0	1,000.0	995.0	993.8	2.1	2.1	90.10	-0.1	39.2	39.5	35.3	4.25	9.297				
1,100.0	1,100.0	1,092.3	1,089.9	2.4	2.4	94.62	-4.3	53.5	54.5	49.7	4.75	11.460				
1,200.0	1,200.0	1,188.4	1,184.3	2.6	2.7	97.59	-9.4	70.8	73.0	67.7	5.30	13.769				
1,300.0	1,300.0	1,282.9	1,276.5	2.8	3.1	-146.27	-15.3	90.8	96.2	90.6	5.55	17.335				
1,400.0	1,399.8	1,375.0	1,365.6	3.0	3.5	-145.81	-21.9	113.0	125.3	119.4	5.97	20.988				
1,500.0	1,499.5	1,464.3	1,451.3	3.2	4.0	-145.89	-29.0	137.2	160.2	153.8	6.40	25.042				
1,600.0	1,598.7	1,550.4	1,533.1	3.4	4.5	-146.17	-36.6	162.9	200.6	193.8	6.83	29.394				
1,706.3	1,703.7	1,638.0	1,615.4	3.7	5.0	-146.50	-45.1	191.5	249.3	242.1	7.28	34.237				
1,800.0	1,795.9	1,712.3	1,684.6	4.0	5.6	-147.17	-52.8	217.6	295.9	288.2	7.71	38.375				
1,900.0	1,894.4	1,789.2	1,755.4	4.3	6.2	-147.62	-61.3	246.4	347.9	339.7	8.18	42.532				
2,000.0	1,992.8	1,871.1	1,830.1	4.6	6.8	-147.94	-70.8	278.5	401.5	392.8	8.67	46.304				
2,100.0	2,091.2	1,955.5	1,907.0	4.9	7.5	-148.18	-80.6	311.7	455.1	446.0	9.17	49.610				
2,200.0	2,189.7	2,039.8	1,984.0	5.3	8.2	-148.37	-90.4	344.8	508.8	499.2	9.69	52.532				
2,300.0	2,288.1	2,124.2	2,060.9	5.6	9.0	-148.53	-100.2	378.0	562.5	552.3	10.21	55.108				
2,400.0	2,386.6	2,208.5	2,137.9	6.0	9.7	-148.66	-110.0	411.1	616.2	605.5	10.74	57.390				
2,500.0	2,485.0	2,292.9	2,214.8	6.4	10.4	-148.77	-119.8	444.3	669.9	658.6	11.28	59.417				
2,600.0	2,583.4	2,377.2	2,291.8	6.8	11.1	-148.86	-129.6	477.4	723.6	711.8	11.82	61.225				
2,700.0	2,681.9	2,461.6	2,368.7	7.1	11.9	-148.94	-139.4	510.6	777.3	765.0	12.37	62.848				

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4730.5ft (RKB - 22.5')

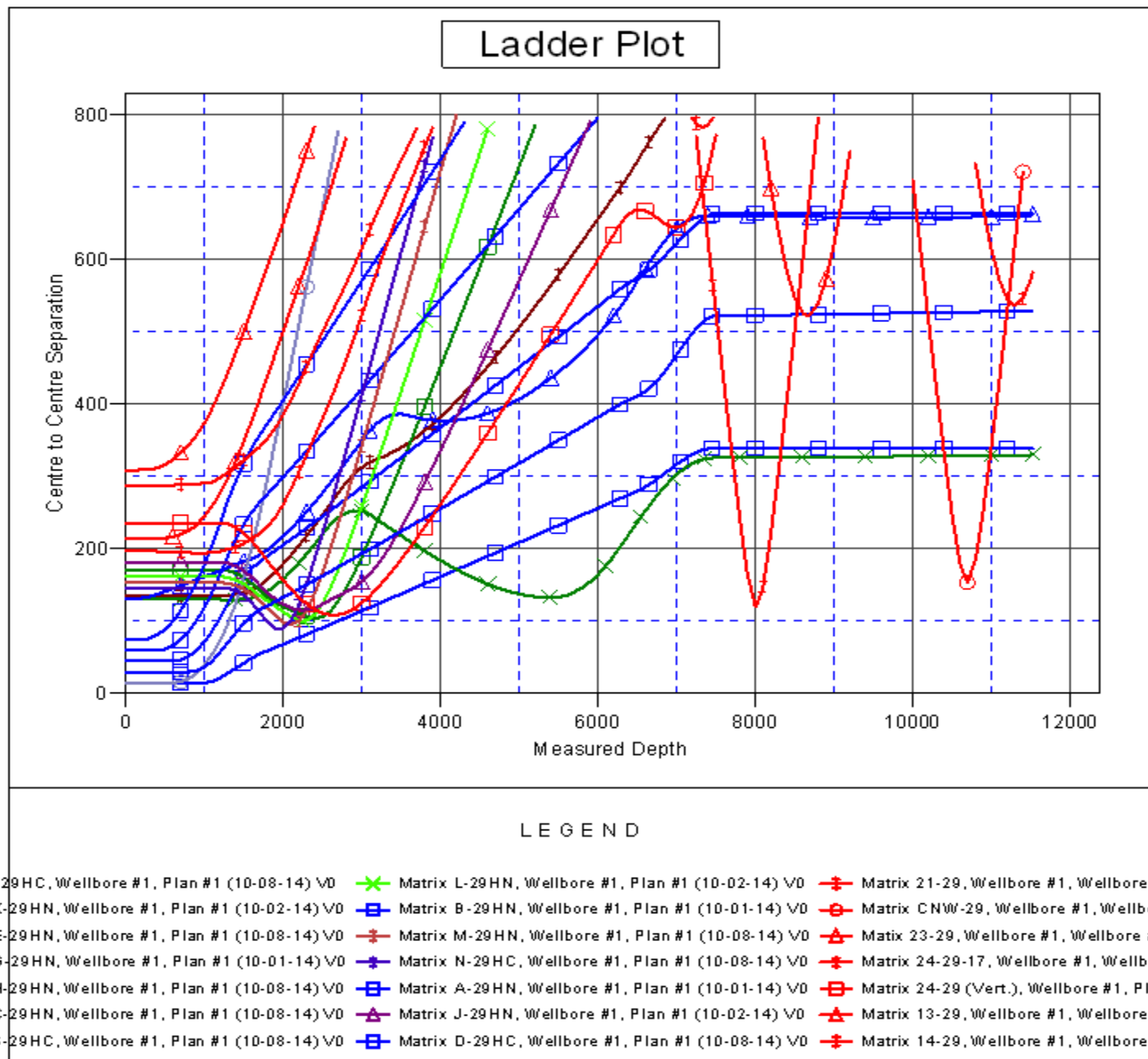
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: Matrix F-29HN

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.52°



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix F-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix F-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (10-01-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4730.5ft (RKB - 22.5')

Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: Matrix F-29HN

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.52°

