

Bayswater Exploration & Production, LLC

Well Name: **Matrix I-29HC**

Surface Location: Matrix 29- Pad Sec.29-T6N-R65W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4707.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1408926.35	3225871.71	40.453067	-104.688354	
		RKB - 22.5'	WELL @ 4729.5ft (RKB - 22.5')			

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 598'FSL & 2328'FWL	1.0	0.0	0.0	Point
BHL 465'FNL & 2285'FWL	7132.0	4226.1	-67.3	Point



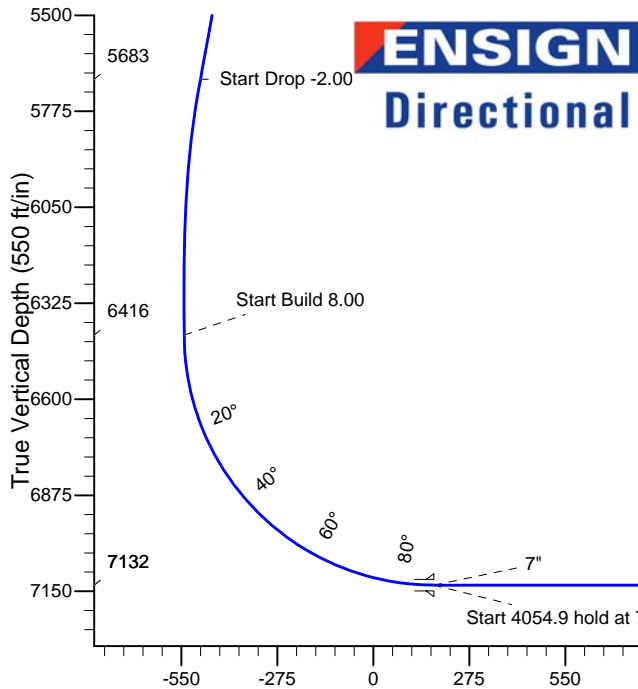
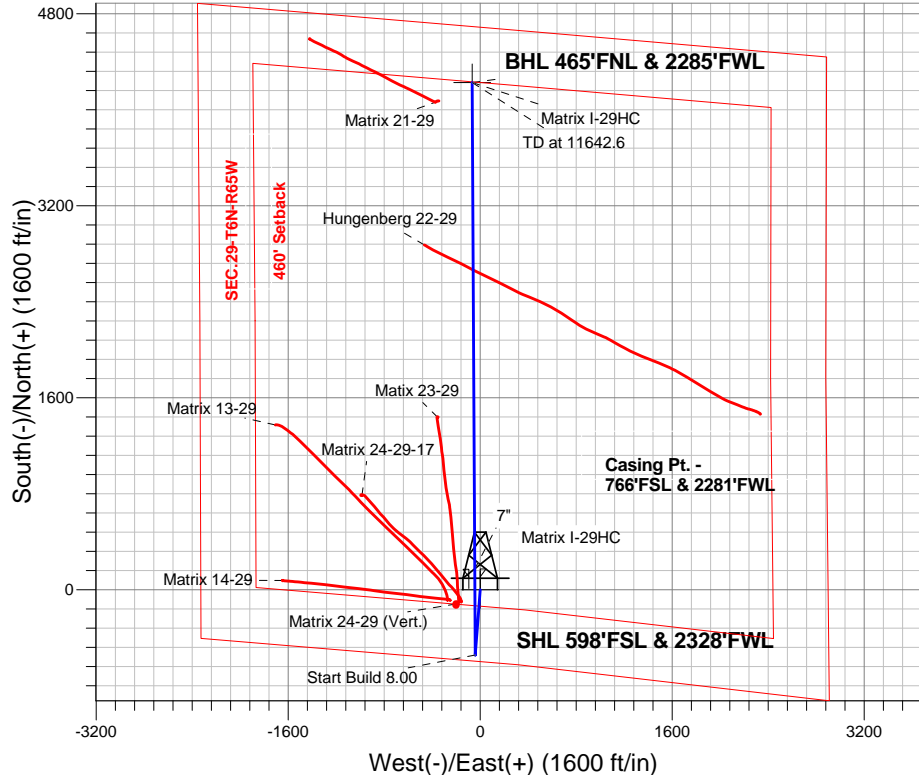
Azimuths to True North
 Magnetic North: 8.38°

Magnetic Field
 Strength: 52818.3snT
 Dip Angle: 66.99°
 Date: 10/9/2014
 Model: IGRF2010

Matrix 29- Pad Sec.29-T6N-R65W
 Matrix I-29HC
 Plan #1 (10-08-14)
 9:38, October 09 2014

ANNOTATIONS

TVD	MD	Annotation
2700.0	2700.0	KOP - Start Build 2.00
5682.9	5726.9	Start Drop -2.00
6415.8	6462.7	Start Build 8.00
7132.0	7587.7	Start 4054.9 hold at 7587.7 MD
7132.0	11642.6	TD at 11642.6



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	2700.0	0.00	0.00	2700.0	0.0	0.0	0.00	0.00	0.0	
3	3220.0	10.40	184.44	3217.1	-46.9	-3.6	2.00	184.44	-46.6	
4	5726.9	10.40	184.44	5682.9	-498.1	-38.7	0.00	0.00	-495.2	
5	6246.9	0.00	0.00	6200.0	-545.0	-42.3	2.00	180.00	-541.9	
6	6462.7	0.00	0.00	6415.8	-545.0	-42.3	0.00	0.00	-541.9	
7	7587.7	90.00	359.70	7132.0	171.2	-46.1	8.00	359.70	173.5	
8	11642.6	90.00	359.70	7132.0	4226.1	-67.3	0.00	0.00	4223.4	BHL 465'FNL & 2285'FWL

BHL 465'FNL & 2285'FWL

TD at 11642.6

Vertical Section at 356.87° (550 ft/in)



Bayswater Exploration & Production, LLC

SEC.29-T6N-R65W

Matrix 29- Pad Sec.29-T6N-R65W

Matrix I-29HC

Wellbore #1

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

Standard Planning Report

09 October, 2014



**BAYSWATER
EXPLORATION & PRODUCTION, LLC**

Database:	Landmark	Local Co-ordinate Reference:	Well Matrix I-29HC
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix I-29HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-08-14)		

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 I-29HC					
Well Position	+N-S	84.1 ft	Northing:	1,408,926.35 ft	Latitude:	40.453067
	+E-W	141.9 ft	Easting:	3,225,871.71 ft	Longitude:	-104.688354
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,707.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/9/2014	8.38	66.99	52,818

Design	Plan #1 (10-08-14)			
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	356.87

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	
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,220.0	10.40	184.44	3,217.1	-46.9	-3.6	2.00	2.00	0.00	184.44	
5,726.9	10.40	184.44	5,682.9	-498.1	-38.7	0.00	0.00	0.00	0.00	
6,246.9	0.00	0.00	6,200.0	-545.0	-42.3	2.00	-2.00	0.00	180.00	
6,462.7	0.00	0.00	6,415.8	-545.0	-42.3	0.00	0.00	0.00	0.00	
7,587.7	90.00	359.70	7,132.0	171.2	-46.1	8.00	8.00	0.00	359.70	
11,642.6	90.00	359.70	7,132.0	4,226.1	-67.3	0.00	0.00	0.00	0.00	BHL 465'FNL & 22E

Database:	Landmark	Local Co-ordinate Reference:	Well Matrix I-29HC
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix I-29HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-08-14)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 598'FSL & 2328'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
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 2.00									
2,800.0	2.00	184.44	2,800.0	-1.7	-0.1	-1.7	2.00	2.00	0.00
2,900.0	4.00	184.44	2,899.8	-7.0	-0.5	-6.9	2.00	2.00	0.00
3,000.0	6.00	184.44	2,999.5	-15.6	-1.2	-15.6	2.00	2.00	0.00
3,100.0	8.00	184.44	3,098.7	-27.8	-2.2	-27.6	2.00	2.00	0.00
3,200.0	10.00	184.44	3,197.5	-43.4	-3.4	-43.1	2.00	2.00	0.00
3,220.0	10.40	184.44	3,217.1	-46.9	-3.6	-46.6	2.00	2.00	0.00
3,300.0	10.40	184.44	3,295.8	-61.3	-4.8	-61.0	0.00	0.00	0.00
3,400.0	10.40	184.44	3,394.2	-79.3	-6.2	-78.9	0.00	0.00	0.00
3,500.0	10.40	184.44	3,492.5	-97.3	-7.6	-96.8	0.00	0.00	0.00
3,600.0	10.40	184.44	3,590.9	-115.3	-8.9	-114.6	0.00	0.00	0.00
3,700.0	10.40	184.44	3,689.3	-133.3	-10.3	-132.5	0.00	0.00	0.00
3,800.0	10.40	184.44	3,787.6	-151.3	-11.7	-150.4	0.00	0.00	0.00
3,900.0	10.40	184.44	3,886.0	-169.3	-13.1	-168.3	0.00	0.00	0.00
4,000.0	10.40	184.44	3,984.3	-187.3	-14.5	-186.2	0.00	0.00	0.00
4,100.0	10.40	184.44	4,082.7	-205.3	-15.9	-204.1	0.00	0.00	0.00
4,200.0	10.40	184.44	4,181.1	-223.3	-17.3	-222.0	0.00	0.00	0.00
4,300.0	10.40	184.44	4,279.4	-241.3	-18.7	-239.9	0.00	0.00	0.00
4,400.0	10.40	184.44	4,377.8	-259.3	-20.1	-257.8	0.00	0.00	0.00
4,500.0	10.40	184.44	4,476.1	-277.3	-21.5	-275.7	0.00	0.00	0.00
4,600.0	10.40	184.44	4,574.5	-295.3	-22.9	-293.6	0.00	0.00	0.00
4,700.0	10.40	184.44	4,672.8	-313.3	-24.3	-311.5	0.00	0.00	0.00
4,800.0	10.40	184.44	4,771.2	-331.3	-25.7	-329.4	0.00	0.00	0.00
4,900.0	10.40	184.44	4,869.6	-349.3	-27.1	-347.3	0.00	0.00	0.00

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Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix I-29HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-08-14)		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,000.0	10.40	184.44	4,967.9	-367.3	-28.5	-365.2	0.00	0.00	0.00	
5,100.0	10.40	184.44	5,066.3	-385.3	-29.9	-383.0	0.00	0.00	0.00	
5,200.0	10.40	184.44	5,164.6	-403.3	-31.3	-400.9	0.00	0.00	0.00	
5,300.0	10.40	184.44	5,263.0	-421.3	-32.7	-418.8	0.00	0.00	0.00	
5,400.0	10.40	184.44	5,361.3	-439.2	-34.1	-436.7	0.00	0.00	0.00	
5,500.0	10.40	184.44	5,459.7	-457.2	-35.5	-454.6	0.00	0.00	0.00	
5,600.0	10.40	184.44	5,558.1	-475.2	-36.9	-472.5	0.00	0.00	0.00	
5,700.0	10.40	184.44	5,656.4	-493.2	-38.3	-490.4	0.00	0.00	0.00	
5,726.9	10.40	184.44	5,682.9	-498.1	-38.7	-495.2	0.00	0.00	0.00	
Start Drop -2.00										
5,800.0	8.94	184.44	5,754.9	-510.3	-39.6	-507.4	2.00	-2.00	0.00	
5,900.0	6.94	184.44	5,854.0	-524.1	-40.7	-521.1	2.00	-2.00	0.00	
6,000.0	4.94	184.44	5,953.4	-534.4	-41.5	-531.3	2.00	-2.00	0.00	
6,100.0	2.94	184.44	6,053.2	-541.2	-42.0	-538.1	2.00	-2.00	0.00	
6,200.0	0.94	184.44	6,153.1	-544.6	-42.3	-541.5	2.00	-2.00	0.00	
6,246.9	0.00	0.00	6,200.0	-545.0	-42.3	-541.9	2.00	-2.00	0.00	
6,300.0	0.00	0.00	6,253.1	-545.0	-42.3	-541.9	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,353.1	-545.0	-42.3	-541.9	0.00	0.00	0.00	
6,462.7	0.00	0.00	6,415.8	-545.0	-42.3	-541.9	0.00	0.00	0.00	
Start Build 8.00										
6,500.0	2.99	359.70	6,453.1	-544.0	-42.3	-540.9	8.00	8.00	0.00	
6,600.0	10.99	359.70	6,552.3	-531.9	-42.4	-528.8	8.00	8.00	0.00	
6,700.0	18.99	359.70	6,648.8	-506.0	-42.5	-503.0	8.00	8.00	0.00	
6,800.0	26.99	359.70	6,740.8	-467.0	-42.7	-464.0	8.00	8.00	0.00	
6,900.0	34.99	359.70	6,826.4	-415.6	-43.0	-412.6	8.00	8.00	0.00	
7,000.0	42.99	359.70	6,904.1	-352.7	-43.3	-349.8	8.00	8.00	0.00	
7,100.0	50.99	359.70	6,972.3	-279.7	-43.7	-276.9	8.00	8.00	0.00	
7,200.0	58.99	359.70	7,029.6	-197.8	-44.1	-195.1	8.00	8.00	0.00	
7,300.0	66.99	359.70	7,075.0	-108.8	-44.6	-106.2	8.00	8.00	0.00	
7,400.0	74.99	359.70	7,107.5	-14.4	-45.1	-11.9	8.00	8.00	0.00	
7,500.0	82.99	359.70	7,126.6	83.7	-45.6	86.1	8.00	8.00	0.00	
7,587.7	90.00	359.70	7,132.0	171.2	-46.1	173.5	8.00	8.00	0.00	
Start 4054.9 hold at 7587.7 MD - 7"										
7,600.0	90.00	359.70	7,132.0	183.5	-46.1	185.8	0.00	0.00	0.00	
7,700.0	90.00	359.70	7,132.0	283.5	-46.6	285.6	0.00	0.00	0.00	
7,800.0	90.00	359.70	7,132.0	383.5	-47.2	385.5	0.00	0.00	0.00	
7,900.0	90.00	359.70	7,132.0	483.5	-47.7	485.4	0.00	0.00	0.00	
8,000.0	90.00	359.70	7,132.0	583.5	-48.2	585.3	0.00	0.00	0.00	
8,100.0	90.00	359.70	7,132.0	683.5	-48.7	685.1	0.00	0.00	0.00	
8,200.0	90.00	359.70	7,132.0	783.5	-49.3	785.0	0.00	0.00	0.00	
8,300.0	90.00	359.70	7,132.0	883.5	-49.8	884.9	0.00	0.00	0.00	
8,400.0	90.00	359.70	7,132.0	983.5	-50.3	984.8	0.00	0.00	0.00	
8,500.0	90.00	359.70	7,132.0	1,083.5	-50.8	1,084.7	0.00	0.00	0.00	
8,600.0	90.00	359.70	7,132.0	1,183.5	-51.4	1,184.5	0.00	0.00	0.00	
8,700.0	90.00	359.70	7,132.0	1,283.5	-51.9	1,284.4	0.00	0.00	0.00	
8,800.0	90.00	359.70	7,132.0	1,383.5	-52.4	1,384.3	0.00	0.00	0.00	
8,900.0	90.00	359.70	7,132.0	1,483.5	-52.9	1,484.2	0.00	0.00	0.00	
9,000.0	90.00	359.70	7,132.0	1,583.5	-53.5	1,584.0	0.00	0.00	0.00	
9,100.0	90.00	359.70	7,132.0	1,683.5	-54.0	1,683.9	0.00	0.00	0.00	
9,200.0	90.00	359.70	7,132.0	1,783.5	-54.5	1,783.8	0.00	0.00	0.00	
9,300.0	90.00	359.70	7,132.0	1,883.5	-55.0	1,883.7	0.00	0.00	0.00	
9,400.0	90.00	359.70	7,132.0	1,983.5	-55.6	1,983.6	0.00	0.00	0.00	
9,500.0	90.00	359.70	7,132.0	2,083.5	-56.1	2,083.4	0.00	0.00	0.00	

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Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix I-29HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-08-14)		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,600.0	90.00	359.70	7,132.0	2,183.5	-56.6	2,183.3	0.00	0.00	0.00	
9,700.0	90.00	359.70	7,132.0	2,283.5	-57.1	2,283.2	0.00	0.00	0.00	
9,800.0	90.00	359.70	7,132.0	2,383.5	-57.7	2,383.1	0.00	0.00	0.00	
9,900.0	90.00	359.70	7,132.0	2,483.5	-58.2	2,482.9	0.00	0.00	0.00	
10,000.0	90.00	359.70	7,132.0	2,583.5	-58.7	2,582.8	0.00	0.00	0.00	
10,100.0	90.00	359.70	7,132.0	2,683.5	-59.2	2,682.7	0.00	0.00	0.00	
10,200.0	90.00	359.70	7,132.0	2,783.5	-59.8	2,782.6	0.00	0.00	0.00	
10,300.0	90.00	359.70	7,132.0	2,883.5	-60.3	2,882.4	0.00	0.00	0.00	
10,400.0	90.00	359.70	7,132.0	2,983.5	-60.8	2,982.3	0.00	0.00	0.00	
10,500.0	90.00	359.70	7,132.0	3,083.5	-61.3	3,082.2	0.00	0.00	0.00	
10,600.0	90.00	359.70	7,132.0	3,183.5	-61.9	3,182.1	0.00	0.00	0.00	
10,700.0	90.00	359.70	7,132.0	3,283.5	-62.4	3,282.0	0.00	0.00	0.00	
10,800.0	90.00	359.70	7,132.0	3,383.5	-62.9	3,381.8	0.00	0.00	0.00	
10,900.0	90.00	359.70	7,132.0	3,483.5	-63.4	3,481.7	0.00	0.00	0.00	
11,000.0	90.00	359.70	7,132.0	3,583.5	-64.0	3,581.6	0.00	0.00	0.00	
11,100.0	90.00	359.70	7,132.0	3,683.5	-64.5	3,681.5	0.00	0.00	0.00	
11,200.0	90.00	359.70	7,132.0	3,783.5	-65.0	3,781.3	0.00	0.00	0.00	
11,300.0	90.00	359.70	7,132.0	3,883.5	-65.5	3,881.2	0.00	0.00	0.00	
11,400.0	90.00	359.70	7,132.0	3,983.5	-66.1	3,981.1	0.00	0.00	0.00	
11,500.0	90.00	359.70	7,132.0	4,083.5	-66.6	4,081.0	0.00	0.00	0.00	
11,600.0	90.00	359.70	7,132.0	4,183.4	-67.1	4,180.9	0.00	0.00	0.00	
11,642.6	90.00	359.70	7,132.0	4,226.0	-67.3	4,223.4	0.00	0.00	0.00	
TD at 11642.6 - BHL 465'FNL & 2285'FWL - BHL 465'FNL & 800"FWL										

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
BHL 465'FNL & 2285' - plan hits target center - Point	0.00	0.00	7,132.0	4,226.1	-67.3	1,413,151.47	3,225,765.70	40.464667	-104.688596	
SHL 598'FSL & 2328' - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,408,926.37	3,225,871.71	40.453067	-104.688354	
BHL 465'FNL & 800" - plan misses target center by 1495.7ft at 11642.6ft MD (7132.0 TVD, 4226.0 N, -67.3 E) - Point	0.00	0.00	7,020.0	4,351.8	-1,553.5	1,413,263.60	3,224,278.52	40.465012	-104.693937	

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,587.7	7,132.0	7"	7	7-1/2	

Database:	Landmark	Local Co-ordinate Reference:	Well Matrix I-29HC
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix I-29HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-08-14)		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,700.0	2,700.0	0.0	0.0	KOP - Start Build 2.00
5,726.9	5,682.9	-498.1	-38.7	Start Drop -2.00
6,462.7	6,415.8	-545.0	-42.3	Start Build 8.00
7,587.7	7,132.0	171.2	-46.1	Start 4054.9 hold at 7587.7 MD
11,642.6	7,132.0	4,226.0	-67.3	TD at 11642.6



Directional

Bayswater Exploration & Production, LLC

SEC.29-T6N-R65W

Matrix 29- Pad Sec.29-T6N-R65W

Matrix I-29HC

Wellbore #1

Plan #1 (10-08-14)

Anticollision Report

09 October, 2014



**BAYSWATER
EXPLORATION & PRODUCTION, LLC**

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (10-08-14)		
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	10/8/2014		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	11,642.6	Plan #1 (10-08-14) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offet Well - Wellbore - Design						
Hungenberg 42-29P Pad Sec.29-T6N-R65W						
Hungenberg 22-29 - Wellbore #1 - Wellbore #1	10,279.3	7,827.1	387.6	290.6	3.998	CC, ES
Hungenberg 22-29 - Wellbore #1 - Wellbore #1	10,300.0	7,828.9	388.1	290.8	3.987	SF
Matrix 11-29 Pad Sec.29-T6N-R65W						
Matrix 21-29 - Wellbore #1 - Wellbore #1	11,491.7	7,321.6	282.7	181.1	2.783	CC
Matrix 21-29 - Wellbore #1 - Wellbore #1	11,500.0	7,321.6	282.8	181.1	2.780	ES, SF
Matrix 13-29 PAD Sec.29-T6N-R65W						
Matrix 13-29 - Wellbore #1 - Wellbore #1	510.8	504.8	281.6	279.5	132.069	CC, ES
Matrix 13-29 - Wellbore #1 - Wellbore #1	1,400.0	1,298.9	396.4	389.1	54.322	SF
Matrix 14-29 - Wellbore #1 - Wellbore #1	100.0	92.3	263.9	263.7	1,220.753	CC
Matrix 14-29 - Wellbore #1 - Wellbore #1	300.0	291.7	264.3	263.4	297.067	ES
Matrix 14-29 - Wellbore #1 - Wellbore #1	1,700.0	1,619.6	347.5	340.8	52.250	SF
Matrix 23-29 Pad Sec.29-T6N-R65W						
Matix 23-29 - Wellbore #1 - Wellbore #1	1,026.1	1,026.9	187.7	182.7	37.807	CC, ES
Matix 23-29 - Wellbore #1 - Wellbore #1	8,900.0	7,357.6	302.2	235.8	4.551	SF
Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)	7,289.7	7,063.4	157.5	125.7	4.944	CC, ES, SF
Matrix 24-29-17 - Wellbore #1 - Wellbore #1	1,376.7	1,368.4	181.5	176.3	35.080	CC
Matrix 24-29-17 - Wellbore #1 - Wellbore #1	1,400.0	1,390.8	181.6	176.3	34.370	ES
Matrix 24-29-17 - Wellbore #1 - Wellbore #1	1,900.0	1,865.7	222.2	214.3	28.247	SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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)	166.3	167.3	172.1	171.6	327.773	CC
Matrix A-29HN - Wellbore #1 - Plan #1 (10-01-14)	200.0	201.0	172.1	171.5	254.500	ES
Matrix A-29HN - Wellbore #1 - Plan #1 (10-01-14)	1,300.0	1,242.3	298.5	292.1	46.281	SF
Matrix B-29HN - Wellbore #1 - Plan #1 (10-01-14)	366.3	367.3	162.7	161.3	114.253	CC
Matrix B-29HN - Wellbore #1 - Plan #1 (10-01-14)	400.0	401.0	162.7	161.2	103.289	ES
Matrix B-29HN - Wellbore #1 - Plan #1 (10-01-14)	1,300.0	1,263.2	237.5	231.5	38.996	SF
Matrix C-29HN - Wellbore #1 - Plan #1 (10-08-14)	566.3	567.3	154.2	151.9	66.367	CC
Matrix C-29HN - Wellbore #1 - Plan #1 (10-08-14)	600.0	601.0	154.2	151.7	62.312	ES
Matrix C-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,400.0	1,374.4	208.4	202.1	32.871	SF
Matrix D-29HC - Wellbore #1 - Plan #1 (10-08-14)	766.3	767.3	146.7	143.4	45.515	CC
Matrix D-29HC - Wellbore #1 - Plan #1 (10-08-14)	900.0	900.0	147.0	143.2	38.644	ES
Matrix D-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,500.0	1,481.5	182.8	176.2	27.510	SF
Matrix E-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,000.0	1,000.0	140.4	136.1	32.866	CC
Matrix E-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,100.0	1,099.2	140.6	135.9	29.918	ES
Matrix E-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,600.0	1,587.0	162.1	155.1	23.200	SF
Matrix F-29HN - Wellbore #1 - Plan #1 (10-01-14)	1,166.3	1,167.3	135.4	130.4	26.969	CC
Matrix F-29HN - Wellbore #1 - Plan #1 (10-01-14)	1,300.0	1,300.0	135.7	130.1	24.236	ES
Matrix F-29HN - Wellbore #1 - Plan #1 (10-01-14)	1,800.0	1,790.1	157.7	149.9	20.107	SF
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	2,466.3	2,467.3	30.1	19.2	2.767	CC
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	2,500.0	2,501.0	30.1	19.0	2.729	ES, SF
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	440.0	441.1	13.1	11.3	7.422	CC
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	500.0	501.1	13.3	11.3	6.545	ES
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	11,642.6	11,583.0	249.2	123.5	1.983	SF
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	4,512.2	4,501.8	65.7	46.5	3.413	CC, ES
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	11,642.6	11,555.0	249.7	123.6	1.980	SF
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	3,675.1	3,664.0	136.3	120.6	8.677	CC
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	3,700.0	3,688.6	136.3	120.5	8.624	ES
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	11,642.6	11,482.7	522.1	359.5	3.210	SF
Matrix L-29HN - Wellbore #1 - Plan #1 (10-02-14)	2,351.8	2,356.3	123.7	113.5	12.025	CC, ES
Matrix L-29HN - Wellbore #1 - Plan #1 (10-02-14)	2,500.0	2,501.0	127.6	116.6	11.568	SF
Matrix M-29HN - Wellbore #1 - Plan #1 (10-08-14)	2,177.9	2,182.9	104.5	94.9	10.935	CC
Matrix M-29HN - Wellbore #1 - Plan #1 (10-08-14)	2,200.0	2,204.5	104.6	94.9	10.819	ES
Matrix M-29HN - Wellbore #1 - Plan #1 (10-08-14)	2,300.0	2,301.4	107.9	97.8	10.600	SF
Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,956.9	1,961.5	89.7	81.1	10.464	CC, ES
Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)	2,100.0	2,100.0	95.0	85.7	10.211	SF
Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,726.0	1,729.0	75.6	68.1	10.046	CC, ES
Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,800.0	1,801.4	77.0	69.1	9.745	SF
Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,502.6	1,505.2	60.5	53.9	9.258	CC, ES
Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,600.0	1,600.5	63.3	56.3	9.009	SF
Matrix Q-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,261.4	1,263.5	47.1	41.6	8.638	CC, ES
Matrix Q-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,300.0	1,301.4	47.5	41.9	8.425	SF
Matrix R-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,003.9	1,005.3	34.7	30.4	8.102	CC, ES
Matrix R-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,100.0	1,100.0	37.8	33.1	7.964	SF

Offset Design	Hungenberg 42-29P Pad Sec.29-T6N-R65W - Hungenberg 22-29 - Wellbore #1 - Wellbore #1										Offset Site Error:	0.0 ft	
Survey Program: 14-											Offset Well Error:	0.0 ft	
Reference	Offset		Semi Major Axis		Highside		Offset Wellbore Centre		Distance		Minimum Separation	Separation Factor	Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Toolface (°)	+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	(ft)		
9,600.0	7,132.0	7,756.6	6,990.7	47.6	65.2	-72.27	2,854.6	-434.8	779.6	696.8	82.80	9.415	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft	
Survey Program: 14- Hungenberg 42-29P Pad Sec.29-T6N-R65W - Hungenberg 22-29 - Wellbore #1 - Wellbore #1													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			
9,700.0	7,132.0	7,768.5	7,002.4	49.4	65.3	-73.97	2,855.7	-436.5	695.0	610.0	85.00	8.176			
9,800.0	7,132.0	7,779.7	7,013.5	51.2	65.3	-75.61	2,856.7	-438.1	614.9	527.7	87.16	7.054			
9,900.0	7,132.0	7,790.5	7,024.1	53.0	65.3	-77.17	2,857.7	-439.6	541.2	452.0	89.28	6.062			
10,000.0	7,132.0	7,800.8	7,034.2	54.9	65.4	-78.68	2,858.6	-441.0	477.1	385.7	91.35	5.223			
10,100.0	7,132.0	7,810.6	7,043.9	56.7	65.4	-80.12	2,859.4	-442.3	426.8	333.4	93.39	4.570			
10,200.0	7,132.0	7,819.9	7,053.2	58.6	65.4	-81.50	2,860.2	-443.5	395.5	300.2	95.39	4.147			
10,279.3	7,132.0	7,827.1	7,060.2	60.0	65.4	-82.55	2,860.7	-444.5	387.6	290.6	96.95	3.998 CC, ES			
10,300.0	7,132.0	7,828.9	7,062.0	60.4	65.4	-82.82	2,860.9	-444.7	388.1	290.8	97.35	3.987 SF			
10,400.0	7,132.0	7,837.5	7,070.5	62.3	65.5	-84.08	2,861.6	-445.8	405.8	306.5	99.28	4.087			
10,500.0	7,132.0	7,845.7	7,078.7	64.1	65.5	-85.30	2,862.2	-446.9	445.6	344.4	101.18	4.404			
10,600.0	7,132.0	7,853.6	7,086.5	66.0	65.5	-86.45	2,862.8	-447.8	502.4	399.3	103.05	4.875			
10,700.0	7,132.0	7,861.1	7,093.9	67.9	65.5	-87.55	2,863.4	-448.8	571.0	466.1	104.89	5.444			
10,800.0	7,132.0	7,868.2	7,100.9	69.7	65.6	-88.59	2,863.9	-449.6	647.8	541.0	106.71	6.070			
10,900.0	7,132.0	7,875.0	7,107.6	71.6	65.6	-89.57	2,864.4	-450.4	730.1	621.6	108.51	6.728			

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 648- Matrix 11-29 Pad Sec.29-T6N-R65W - Matrix 21-29 - Wellbore #1 - Wellbore #1													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		
10,800.0	7,132.0	7,322.2	7,151.4	69.7	26.5	-92.01	4,073.8	-349.1	747.3	658.7	88.60	8.435		
10,900.0	7,132.0	7,322.1	7,151.3	71.6	26.5	-91.99	4,073.8	-349.1	655.9	565.4	90.47	7.250		
11,000.0	7,132.0	7,322.0	7,151.3	73.5	26.5	-91.98	4,073.8	-349.1	567.3	474.9	92.34	6.143		
11,100.0	7,132.0	7,321.9	7,151.2	75.4	26.5	-91.96	4,073.8	-349.1	483.1	388.9	94.22	5.128		
11,200.0	7,132.0	7,321.8	7,151.1	77.2	26.5	-91.94	4,073.8	-349.1	406.3	310.2	96.10	4.228		
11,300.0	7,132.0	7,321.8	7,151.0	79.1	26.5	-91.93	4,073.8	-349.1	341.6	243.7	97.98	3.487		
11,400.0	7,132.0	7,321.7	7,150.9	81.0	26.5	-91.91	4,073.8	-349.1	297.3	197.4	99.86	2.977		
11,491.7	7,132.0	7,321.6	7,150.9	82.7	26.5	-91.90	4,073.8	-349.1	282.7	181.1	101.59	2.783 CC		
11,500.0	7,132.0	7,321.6	7,150.9	82.9	26.5	-91.90	4,073.8	-349.1	282.8	181.1	101.75	2.780 ES, SF		
11,600.0	7,132.0	7,321.0	7,150.3	84.8	26.5	-91.78	4,073.8	-349.1	302.7	199.1	103.63	2.921		
11,642.6	7,132.0	7,321.0	7,150.3	85.6	26.5	-91.78	4,073.8	-349.1	320.5	216.0	104.44	3.068		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 117- Matrix 13-29 PAD Sec.29-T6N-R65W - Matrix 13-29 - Wellbore #1 - Wellbore #1													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	-107.63	-86.3	-271.6	285.1					
100.0	100.0	90.6	90.6	0.1	0.1	-107.62	-86.4	-271.9	285.3	285.1	0.21	1,329.987		
200.0	200.0	192.3	192.3	0.3	0.3	-107.47	-85.8	-272.7	285.9	285.2	0.63	454.899		
300.0	300.0	299.0	298.9	0.6	0.5	-106.63	-81.5	-272.7	284.7	283.6	1.09	261.214		
400.0	400.0	397.8	397.2	0.8	0.8	-104.88	-72.6	-273.2	282.7	281.2	1.57	180.603		
500.0	500.0	494.6	493.2	1.0	1.1	-102.31	-60.1	-275.1	281.6	279.5	2.07	135.726		
510.8	510.8	504.8	503.3	1.0	1.1	-102.00	-58.5	-275.5	281.6	279.5	2.13	132.069	CC, ES	
600.0	600.0	589.3	586.7	1.2	1.4	-99.18	-45.1	-278.9	282.6	279.9	2.62	107.734		
700.0	700.0	685.0	680.9	1.5	1.7	-95.87	-29.2	-284.0	285.7	282.5	3.19	89.460		
800.0	800.0	780.5	774.8	1.7	2.1	-92.53	-12.8	-289.8	290.7	286.9	3.78	76.867		
900.0	900.0	872.6	864.9	1.9	2.5	-89.01	5.1	-296.9	298.2	293.8	4.38	68.095		
1,000.0	1,000.0	962.0	951.8	2.1	2.9	-85.47	24.2	-305.8	309.4	304.4	4.99	62.056		
1,100.0	1,100.0	1,049.7	1,036.3	2.4	3.4	-81.98	44.6	-316.6	324.6	319.0	5.59	58.048		
1,200.0	1,200.0	1,134.9	1,118.0	2.6	3.8	-78.79	65.3	-329.5	344.1	337.9	6.18	55.638		
1,300.0	1,300.0	1,211.0	1,190.3	2.8	4.3	-76.20	84.4	-343.5	368.2	361.4	6.73	54.736		
1,400.0	1,400.0	1,298.9	1,273.2	3.0	4.8	-73.65	106.4	-362.7	396.4	389.1	7.30	54.322	SF	
1,500.0	1,500.0	1,384.7	1,353.5	3.3	5.4	-71.56	128.0	-383.8	427.8	419.9	7.84	54.531		
1,600.0	1,600.0	1,471.4	1,434.1	3.5	6.0	-69.60	151.0	-406.0	461.2	452.8	8.39	54.971		
1,700.0	1,700.0	1,560.0	1,516.0	3.7	6.6	-67.76	175.6	-429.3	496.2	487.3	8.92	55.618		
1,800.0	1,800.0	1,650.5	1,599.6	3.9	7.3	-66.23	199.9	-453.9	532.2	522.7	9.45	56.341		
1,900.0	1,900.0	1,742.1	1,684.1	4.2	7.9	-64.89	224.5	-479.1	568.7	558.7	9.96	57.068		
2,000.0	2,000.0	1,828.8	1,764.0	4.4	8.6	-63.75	248.1	-503.1	605.7	595.2	10.47	57.860		
2,100.0	2,100.0	1,918.3	1,846.2	4.6	9.3	-62.70	272.9	-528.7	643.9	633.0	10.97	58.678		
2,200.0	2,200.0	2,014.6	1,934.7	4.8	10.0	-61.73	299.1	-556.0	681.9	670.5	11.48	59.385		
2,300.0	2,300.0	2,107.5	2,020.2	5.1	10.6	-60.86	324.4	-581.9	719.7	707.7	11.98	60.075		
2,400.0	2,400.0	2,200.1	2,105.5	5.3	11.3	-60.09	349.6	-607.8	757.6	745.1	12.49	60.675		
2,500.0	2,500.0	2,288.0	2,186.4	5.5	12.0	-59.38	374.0	-631.9	795.6	782.6	12.98	61.285		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 643- Matrix 13-29 PAD Sec.29-T6N-R65W - Matrix 14-29 - Wellbore #1 - Wellbore #1													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	-109.10	-86.4	-249.4	264.0					
100.0	100.0	92.3	92.3	0.1	0.1	-109.10	-86.4	-249.4	263.9	263.7	0.22	1,220.753	CC	
200.0	200.0	192.0	192.0	0.3	0.2	-109.09	-86.4	-249.6	264.1	263.5	0.55	477.542		
300.0	300.0	291.7	291.7	0.6	0.3	-109.07	-86.3	-249.8	264.3	263.4	0.89	297.067	ES	
400.0	400.0	391.4	391.4	0.8	0.4	-109.04	-86.3	-250.2	264.7	263.4	1.23	215.783		
500.0	500.0	491.2	491.2	1.0	0.6	-109.00	-86.3	-250.7	265.1	263.6	1.56	169.586		
600.0	600.0	590.9	590.9	1.2	0.7	-108.96	-86.3	-251.3	265.7	263.8	1.90	139.819		
700.0	700.0	691.4	691.4	1.5	0.8	-108.92	-86.3	-251.9	266.3	264.0	2.28	116.807		
800.0	800.0	790.8	790.7	1.7	1.0	-108.92	-86.5	-252.2	266.6	263.9	2.70	98.628		
900.0	900.0	889.7	889.7	1.9	1.2	-108.94	-86.8	-253.1	267.6	264.4	3.13	85.409		
1,000.0	1,000.0	991.7	991.7	2.1	1.4	-108.88	-86.8	-253.9	268.4	264.8	3.57	75.260		
1,100.0	1,100.0	1,085.3	1,085.2	2.4	1.6	-108.42	-85.1	-255.5	269.4	265.4	3.99	67.572		
1,200.0	1,200.0	1,176.6	1,176.4	2.6	1.8	-107.60	-82.6	-260.5	273.8	269.4	4.42	61.998		
1,300.0	1,300.0	1,265.8	1,265.2	2.8	2.1	-106.66	-80.3	-268.3	281.4	276.5	4.85	58.025		
1,400.0	1,400.0	1,354.8	1,353.4	3.0	2.3	-105.81	-79.1	-279.5	293.1	287.8	5.29	55.393		
1,500.0	1,500.0	1,444.0	1,441.5	3.3	2.6	-104.85	-77.8	-293.6	308.0	302.2	5.74	53.664		
1,600.0	1,600.0	1,532.1	1,528.0	3.5	2.9	-103.82	-76.4	-310.5	326.2	320.0	6.19	52.689		
1,700.0	1,700.0	1,619.6	1,613.2	3.7	3.2	-102.76	-74.7	-329.9	347.5	340.8	6.65	52.250	SF	
1,800.0	1,800.0	1,704.7	1,695.5	3.9	3.6	-101.71	-72.9	-351.6	371.9	364.8	7.11	52.301		
1,900.0	1,900.0	1,788.0	1,775.4	4.2	4.0	-100.65	-70.6	-375.5	399.6	392.0	7.58	52.751		
2,000.0	2,000.0	1,871.0	1,854.0	4.4	4.5	-99.59	-67.9	-401.7	430.3	422.3	8.05	53.477		
2,100.0	2,100.0	1,957.5	1,935.3	4.6	5.0	-98.56	-64.9	-431.0	463.4	454.8	8.53	54.294		
2,200.0	2,200.0	2,045.2	2,017.3	4.8	5.6	-97.60	-61.6	-462.0	497.9	488.9	9.03	55.167		
2,300.0	2,300.0	2,130.8	2,096.9	5.1	6.2	-96.65	-57.5	-493.2	533.7	524.2	9.51	56.105		
2,400.0	2,400.0	2,224.3	2,183.4	5.3	6.9	-95.62	-52.0	-528.4	570.7	560.6	10.02	56.968		
2,500.0	2,500.0	2,324.2	2,276.2	5.5	7.5	-94.83	-47.7	-564.9	606.8	596.3	10.52	57.658		
2,600.0	2,600.0	2,435.5	2,380.5	5.7	8.2	-94.06	-42.9	-603.7	641.3	630.3	11.05	58.013		
2,700.0	2,700.0	2,521.7	2,461.4	6.0	8.8	-93.48	-38.5	-632.9	674.9	663.4	11.53	58.531		
2,800.0	2,800.0	2,607.9	2,542.1	6.2	9.4	81.97	-34.7	-663.1	709.5	697.6	11.86	59.820		
2,900.0	2,899.8	2,692.3	2,620.7	6.3	10.0	81.98	-31.7	-693.5	744.7	732.4	12.30	60.566		
3,000.0	2,999.5	2,773.1	2,695.6	6.5	10.6	82.12	-28.7	-723.6	780.9	768.2	12.73	61.357		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 93- Matrix 23-29 Pad Sec.29-T6N-R65W - Matix 23-29 - Wellbore #1 - Wellbore #1													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	-121.04	-108.2	-179.8	210.0					
100.0	100.0	93.5	93.5	0.1	0.1	-121.06	-108.1	-179.5	209.6	209.4	0.22	960.486		
200.0	200.0	193.4	193.4	0.3	0.3	-121.08	-108.0	-179.2	209.2	208.5	0.65	322.000		
300.0	300.0	294.7	294.7	0.6	0.5	-120.87	-106.9	-178.9	208.4	207.3	1.09	190.882		
400.0	400.0	396.9	396.9	0.8	0.8	-120.02	-103.6	-179.2	207.1	205.5	1.55	133.881		
500.0	500.0	500.4	500.1	1.0	1.0	-118.49	-97.2	-179.1	203.9	201.9	2.01	101.281		
600.0	600.0	600.8	600.2	1.2	1.3	-116.29	-88.5	-179.2	200.0	197.5	2.49	80.490		
700.0	700.0	701.7	700.4	1.5	1.5	-113.20	-77.3	-180.4	196.5	193.5	2.98	65.898		
800.0	800.0	803.3	800.8	1.7	1.9	-108.80	-61.8	-181.7	192.1	188.6	3.52	54.502		
900.0	900.0	900.6	896.1	1.9	2.2	-103.02	-42.5	-183.8	188.7	184.6	4.12	45.846		
1,000.0	1,000.0	1,000.8	993.3	2.1	2.7	-95.67	-18.6	-186.8	187.8	183.0	4.78	39.257		
1,026.1	1,026.1	1,026.9	1,018.6	2.2	2.8	-93.55	-11.6	-187.3	187.7	182.7	4.96	37.807	CC, ES	
1,100.0	1,100.0	1,099.0	1,087.6	2.4	3.1	-87.25	9.0	-188.3	188.6	183.1	5.50	34.282		
1,200.0	1,200.0	1,192.5	1,176.3	2.6	3.7	-78.51	38.5	-189.4	193.9	187.7	6.22	31.152		
1,300.0	1,300.0	1,284.3	1,262.9	2.8	4.2	-70.15	69.0	-191.1	205.3	198.4	6.92	29.671		
1,400.0	1,400.0	1,374.5	1,347.4	3.0	4.8	-62.54	100.6	-193.5	222.7	215.1	7.57	29.406		
1,500.0	1,500.0	1,465.4	1,431.8	3.3	5.4	-55.67	134.1	-196.3	245.4	237.2	8.16	30.075		
1,600.0	1,600.0	1,559.5	1,519.4	3.5	6.0	-49.95	168.2	-200.1	271.4	262.7	8.68	31.283		
1,700.0	1,700.0	1,655.9	1,609.8	3.7	6.5	-45.42	201.5	-204.5	298.8	289.6	9.15	32.642		
1,800.0	1,800.0	1,750.6	1,698.9	3.9	7.1	-41.90	233.1	-209.2	326.9	317.3	9.62	33.990		
1,900.0	1,900.0	1,853.4	1,796.2	4.2	7.7	-38.83	266.2	-214.2	355.0	344.9	10.10	35.170		
2,000.0	2,000.0	1,952.0	1,889.9	4.4	8.2	-36.38	296.2	-218.2	382.0	371.4	10.55	36.201		
2,100.0	2,100.0	2,051.6	1,984.9	4.6	8.8	-34.22	325.9	-221.7	408.6	397.6	11.01	37.100		
2,200.0	2,200.0	2,152.2	2,081.3	4.8	9.3	-32.32	354.9	-224.6	434.5	423.0	11.48	37.854		
2,300.0	2,300.0	2,240.0	2,165.1	5.1	9.8	-30.75	380.7	-226.5	460.9	449.0	11.92	38.671		
2,400.0	2,400.0	2,334.0	2,254.6	5.3	10.3	-29.12	409.6	-228.2	488.8	476.4	12.39	39.445		
2,500.0	2,500.0	2,431.3	2,347.2	5.5	10.9	-27.73	439.2	-230.8	517.0	504.2	12.87	40.187		
2,600.0	2,600.0	2,528.2	2,439.5	5.7	11.4	-26.44	468.4	-232.9	545.0	531.7	13.33	40.878		
2,700.0	2,700.0	2,616.0	2,523.1	6.0	11.9	-25.34	495.5	-234.6	573.8	560.0	13.79	41.614		
2,800.0	2,800.0	2,706.7	2,609.2	6.2	12.5	-24.00	524.1	-236.9	605.1	591.2	13.85	43.697		
2,900.0	2,899.8	2,788.3	2,686.2	6.3	13.0	-22.73	550.9	-238.8	640.7	626.5	14.19	45.150		
3,000.0	2,999.5	2,863.0	2,756.2	6.5	13.5	-21.36	576.7	-241.1	681.2	666.7	14.50	46.967		
3,100.0	3,098.7	2,957.9	2,844.8	6.7	14.1	-20.14	610.4	-245.8	726.2	711.4	14.84	48.925		
3,200.0	3,197.5	3,050.5	2,931.9	6.9	14.7	-19.05	641.6	-250.1	772.4	757.3	15.15	50.974		
3,220.0	3,217.1	3,066.7	2,947.1	6.9	14.8	-18.96	647.1	-250.8	782.0	766.8	15.21	51.423		
8,200.0	7,132.0	7,362.4	7,126.4	24.1	31.3	-90.36	1,437.8	-351.7	720.8	665.6	55.24	13.048		
8,300.0	7,132.0	7,361.7	7,125.7	25.5	31.3	-90.23	1,437.8	-351.7	631.2	574.5	56.70	11.132		
8,400.0	7,132.0	7,361.0	7,125.0	27.1	31.3	-90.10	1,437.8	-351.7	545.2	487.0	58.22	9.365		
8,500.0	7,132.0	7,360.3	7,124.3	28.6	31.3	-89.97	1,437.9	-351.7	464.8	405.0	59.78	7.776		
8,600.0	7,132.0	7,359.6	7,123.6	30.2	31.3	-89.83	1,437.9	-351.7	393.5	332.2	61.38	6.411		
8,700.0	7,132.0	7,359.0	7,123.0	31.9	31.3	-89.70	1,437.9	-351.6	337.2	274.1	63.02	5.350		
8,800.0	7,132.0	7,358.3	7,122.3	33.5	31.3	-89.58	1,437.9	-351.6	304.1	239.4	64.69	4.701		
8,856.0	7,132.0	7,357.9	7,121.9	34.5	31.3	-89.50	1,437.9	-351.6	298.9	233.3	65.64	4.554		
8,900.0	7,132.0	7,357.6	7,121.6	35.2	31.3	-89.45	1,437.9	-351.6	302.2	235.8	66.39	4.551	SF	
9,000.0	7,132.0	7,357.0	7,120.9	36.9	31.3	-89.32	1,437.9	-351.6	331.8	263.7	68.11	4.872		
9,100.0	7,132.0	7,356.3	7,120.3	38.7	31.3	-89.19	1,437.9	-351.6	385.9	316.1	69.84	5.525		
9,200.0	7,132.0	7,355.6	7,119.6	40.4	31.3	-89.06	1,437.9	-351.6	455.8	384.2	71.60	6.366		
9,300.0	7,132.0	7,355.0	7,119.0	42.2	31.3	-88.94	1,437.9	-351.6	535.3	461.9	73.36	7.296		
9,400.0	7,132.0	7,354.3	7,118.3	44.0	31.3	-88.81	1,437.9	-351.6	620.8	545.6	75.14	8.261		
9,500.0	7,132.0	7,353.7	7,117.7	45.8	31.3	-88.69	1,437.9	-351.6	710.0	633.1	76.93	9.229		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0ft		
Survey Program: 0- Reference													Matrix 23-29 Pad Sec.29-T6N-R65W - Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)		Offset Well Error:	0.0ft
Measured Depth (ft)	Vertical Depth (ft)	Offset		Semi Major Axis			Distance						Warning			
		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	-120.53	-119.1	-202.0	234.7							
100.0	100.0	92.5	92.5	0.1	0.1	-120.53	-119.1	-202.0	234.6	234.3	0.22	1,084.152				
200.0	200.0	192.5	192.5	0.3	0.3	-120.53	-119.1	-202.0	234.6	233.9	0.66	356.776				
300.0	300.0	292.5	292.5	0.6	0.5	-120.53	-119.1	-202.0	234.6	233.5	1.11	211.892				
400.0	400.0	392.5	392.5	0.8	0.8	-120.53	-119.1	-202.0	234.6	233.0	1.56	150.696				
500.0	500.0	492.5	492.5	1.0	1.0	-120.53	-119.1	-202.0	234.6	232.6	2.01	116.926				
600.0	600.0	592.5	592.5	1.2	1.2	-120.53	-119.1	-202.0	234.6	232.1	2.46	95.521				
700.0	700.0	692.5	692.5	1.5	1.4	-120.53	-119.1	-202.0	234.6	231.7	2.91	80.740				
800.0	800.0	792.5	792.5	1.7	1.7	-120.53	-119.1	-202.0	234.6	231.2	3.35	69.921				
900.0	900.0	892.5	892.5	1.9	1.9	-120.53	-119.1	-202.0	234.6	230.8	3.80	61.658				
1,000.0	1,000.0	992.5	992.5	2.1	2.1	-120.53	-119.1	-202.0	234.6	230.3	4.25	55.142				
1,100.0	1,100.0	1,092.5	1,092.5	2.4	2.3	-120.53	-119.1	-202.0	234.6	229.9	4.70	49.872				
1,200.0	1,200.0	1,192.5	1,192.5	2.6	2.6	-120.53	-119.1	-202.0	234.6	229.4	5.15	45.521				
1,300.0	1,300.0	1,292.5	1,292.5	2.8	2.8	-120.53	-119.1	-202.0	234.6	229.0	5.60	41.868				
1,400.0	1,400.0	1,392.5	1,392.5	3.0	3.0	-120.53	-119.1	-202.0	234.6	228.5	6.05	38.758				
1,500.0	1,500.0	1,492.5	1,492.5	3.3	3.2	-120.53	-119.1	-202.0	234.6	228.1	6.50	36.078				
1,600.0	1,600.0	1,592.5	1,592.5	3.5	3.5	-120.53	-119.1	-202.0	234.6	227.6	6.95	33.745				
1,700.0	1,700.0	1,692.5	1,692.5	3.7	3.7	-120.53	-119.1	-202.0	234.6	227.2	7.40	31.695				
1,800.0	1,800.0	1,792.5	1,792.5	3.9	3.9	-120.53	-119.1	-202.0	234.6	226.7	7.85	29.880				
1,900.0	1,900.0	1,892.5	1,892.5	4.2	4.1	-120.53	-119.1	-202.0	234.6	226.3	8.30	28.262				
2,000.0	2,000.0	1,992.5	1,992.5	4.4	4.4	-120.53	-119.1	-202.0	234.6	225.8	8.75	26.810				
2,100.0	2,100.0	2,092.5	2,092.5	4.6	4.6	-120.53	-119.1	-202.0	234.6	225.4	9.20	25.500				
2,200.0	2,200.0	2,192.5	2,192.5	4.8	4.8	-120.53	-119.1	-202.0	234.6	224.9	9.65	24.311				
2,300.0	2,300.0	2,292.5	2,292.5	5.1	5.0	-120.53	-119.1	-202.0	234.6	224.5	10.10	23.229				
2,400.0	2,400.0	2,392.5	2,392.5	5.3	5.3	-120.53	-119.1	-202.0	234.6	224.0	10.55	22.339				
2,500.0	2,500.0	2,492.5	2,492.5	5.5	5.5	-120.53	-119.1	-202.0	234.6	223.6	11.00	21.230				
2,600.0	2,600.0	2,592.5	2,592.5	5.7	5.7	-120.53	-119.1	-202.0	234.6	223.1	11.45	20.492				
2,700.0	2,700.0	2,692.5	2,692.5	6.0	5.9	-120.53	-119.1	-202.0	234.6	222.7	11.90	19.718				
2,800.0	2,800.0	2,792.5	2,792.5	6.2	6.2	55.40	-119.1	-202.0	233.6	221.2	12.31	18.968				
2,900.0	2,899.8	2,892.3	2,892.3	6.3	6.4	56.52	-119.1	-202.0	230.6	217.9	12.70	18.160				
3,000.0	2,999.5	2,992.0	2,992.0	6.5	6.6	58.44	-119.1	-202.0	225.9	212.8	13.09	17.263				
3,100.0	3,098.7	3,091.2	3,091.2	6.7	6.8	61.24	-119.1	-202.0	219.8	206.3	13.48	16.300				
3,200.0	3,197.5	3,190.0	3,190.0	6.9	7.1	65.03	-119.1	-202.0	212.6	198.7	13.89	15.303				
3,220.0	3,217.1	3,209.6	3,209.6	6.9	7.1	65.92	-119.1	-202.0	211.1	197.2	13.98	15.104				
3,300.0	3,295.8	3,288.3	3,288.3	7.1	7.3	69.54	-119.1	-202.0	205.6	191.2	14.34	14.339				
3,400.0	3,394.2	3,386.7	3,386.7	7.3	7.5	74.32	-119.1	-202.0	199.9	185.1	14.80	13.505				
3,500.0	3,492.5	3,485.0	3,485.0	7.6	7.7	79.33	-119.1	-202.0	195.7	180.4	15.28	12.806				
3,600.0	3,590.9	3,583.4	3,583.4	7.8	7.9	84.52	-119.1	-202.0	193.1	177.4	15.78	12.242				
3,700.0	3,689.3	3,681.8	3,681.8	8.1	8.2	89.79	-119.1	-202.0	192.2	175.9	16.28	11.809				
3,703.9	3,693.1	3,685.6	3,685.6	8.1	8.2	90.00	-119.1	-202.0	192.2	175.9	16.30	11.794				
3,800.0	3,787.6	3,780.1	3,780.1	8.4	8.4	95.07	-119.1	-202.0	193.0	176.2	16.78	11.500				
3,900.0	3,886.0	3,878.5	3,878.5	8.7	8.6	100.26	-119.1	-202.0	195.5	178.2	17.29	11.307				
4,000.0	3,984.3	3,976.8	3,976.8	9.0	8.8	105.29	-119.1	-202.0	199.5	181.7	17.78	11.219				
4,100.0	4,082.7	4,075.2	4,075.2	9.3	9.0	110.09	-119.1	-202.0	205.1	186.8	18.27	11.223				
4,200.0	4,181.1	4,173.6	4,173.6	9.6	9.3	114.62	-119.1	-202.0	212.1	193.3	18.75	11.308				
4,300.0	4,279.4	4,271.9	4,271.9	10.0	9.5	118.83	-119.1	-202.0	220.3	201.1	19.22	11.460				
4,400.0	4,377.8	4,370.3	4,370.3	10.3	9.7	122.74	-119.1	-202.0	229.6	210.0	19.68	11.668				
4,500.0	4,476.1	4,468.6	4,468.6	10.7	9.9	126.33	-119.1	-202.0	240.0	219.9	20.13	11.920				
4,600.0	4,574.5	4,567.0	4,567.0	11.0	10.2	129.61	-119.1	-202.0	251.2	230.6	20.58	12.207				
4,700.0	4,672.8	4,665.3	4,665.3	11.4	10.4	132.61	-119.1	-202.0	263.2	242.2	21.02	12.520				
4,800.0	4,771.2	4,763.7	4,763.7	11.7	10.6	135.35	-119.1	-202.0	275.9	254.4	21.46	12.854				
4,900.0	4,869.6	4,862.1	4,862.1	12.1	10.8	137.85	-119.1	-202.0	289.1	267.2	21.90	13.201				

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0- Matrix 23-29 Pad Sec.29-T6N-R65W - Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)													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		
5,000.0	4,967.9	4,960.4	4,960.4	12.4	11.0	140.13	-119.1	-202.0	302.8	280.5	22.33	13.559		
5,100.0	5,066.3	5,058.8	5,058.8	12.8	11.3	142.21	-119.1	-202.0	316.9	294.2	22.77	13.922		
5,200.0	5,164.6	5,157.1	5,157.1	13.2	11.5	144.11	-119.1	-202.0	331.5	308.3	23.20	14.288		
5,300.0	5,263.0	5,255.5	5,255.5	13.5	11.7	145.85	-119.1	-202.0	346.3	322.7	23.63	14.654		
5,400.0	5,361.3	5,353.8	5,353.8	13.9	11.9	147.45	-119.1	-202.0	361.5	337.4	24.07	15.019		
5,500.0	5,459.7	5,452.2	5,452.2	14.3	12.1	148.92	-119.1	-202.0	376.9	352.4	24.51	15.380		
5,600.0	5,558.1	5,550.6	5,550.6	14.7	12.4	150.27	-119.1	-202.0	392.5	367.6	24.94	15.737		
5,700.0	5,656.4	5,648.9	5,648.9	15.0	12.6	151.52	-119.1	-202.0	408.4	383.0	25.38	16.089		
5,726.9	5,682.9	5,675.4	5,675.4	15.1	12.6	151.84	-119.1	-202.0	412.7	387.2	25.50	16.183		
5,800.0	5,754.9	5,747.4	5,747.4	15.4	12.8	152.73	-119.1	-202.0	423.6	397.7	25.86	16.380		
5,900.0	5,854.0	5,846.5	5,846.5	15.7	13.0	153.67	-119.1	-202.0	435.9	409.6	26.33	16.557		
6,000.0	5,953.4	5,945.9	5,945.9	15.9	13.3	154.34	-119.1	-202.0	445.2	418.4	26.78	16.624		
6,100.0	6,053.2	6,045.7	6,045.7	16.1	13.5	154.77	-119.1	-202.0	451.4	424.2	27.22	16.587		
6,200.0	6,153.1	6,145.6	6,145.6	16.3	13.7	154.98	-119.1	-202.0	454.5	426.9	27.63	16.450		
6,246.9	6,200.0	6,192.5	6,192.5	16.4	13.8	-20.56	-119.1	-202.0	454.8	427.0	27.80	16.361		
6,300.0	6,253.1	6,245.6	6,245.6	16.5	13.9	-20.56	-119.1	-202.0	454.8	426.8	28.02	16.232		
6,400.0	6,353.1	6,345.6	6,345.6	16.7	14.2	-20.56	-119.1	-202.0	454.8	426.4	28.44	15.994		
6,462.7	6,415.8	6,408.3	6,408.3	16.8	14.3	-20.56	-119.1	-202.0	454.8	426.1	28.70	15.848		
6,500.0	6,453.1	6,445.6	6,445.6	16.8	14.4	-20.33	-119.1	-202.0	453.9	425.1	28.80	15.760		
6,550.0	6,502.9	6,495.4	6,495.4	16.9	14.5	-20.64	-119.1	-202.0	449.9	421.0	28.84	15.598		
6,600.0	6,552.3	6,544.8	6,544.8	16.9	14.6	-21.20	-119.1	-202.0	442.5	413.8	28.79	15.373		
6,650.0	6,601.0	6,593.5	6,593.5	16.9	14.7	-22.06	-119.1	-202.0	432.1	403.4	28.65	15.079		
6,700.0	6,648.8	6,641.3	6,641.3	16.8	14.8	-23.25	-119.1	-202.0	418.5	390.1	28.45	14.710		
6,750.0	6,695.5	6,688.0	6,688.0	16.8	14.9	-24.83	-119.1	-202.0	402.0	373.8	28.20	14.256		
6,800.0	6,740.8	6,733.3	6,733.3	16.7	15.0	-26.88	-119.1	-202.0	382.6	354.7	27.93	13.702		
6,850.0	6,784.5	6,777.0	6,777.0	16.6	15.1	-29.52	-119.1	-202.0	360.7	333.0	27.68	13.031		
6,900.0	6,826.4	6,818.9	6,818.9	16.5	15.2	-32.89	-119.1	-202.0	336.4	308.9	27.52	12.225		
6,950.0	6,866.4	6,858.9	6,858.9	16.4	15.3	-37.18	-119.1	-202.0	310.2	282.6	27.52	11.269		
7,000.0	6,904.1	6,896.6	6,896.6	16.3	15.4	-42.57	-119.1	-202.0	282.4	254.6	27.78	10.165		
7,050.0	6,939.5	6,932.0	6,932.0	16.2	15.5	-49.23	-119.1	-202.0	253.9	225.5	28.36	8.950		
7,100.0	6,972.3	6,964.8	6,964.8	16.1	15.5	-57.18	-119.1	-202.0	225.5	196.2	29.25	7.710		
7,150.0	7,002.4	6,994.9	6,994.9	16.1	15.6	-66.14	-119.1	-202.0	198.9	168.6	30.27	6.571		
7,200.0	7,029.6	7,022.1	7,022.1	16.1	15.7	-75.42	-119.1	-202.0	176.4	145.3	31.16	5.663		
7,250.0	7,053.9	7,046.4	7,046.4	16.1	15.7	-84.10	-119.1	-202.0	161.5	129.8	31.70	5.096		
7,289.7	7,070.9	7,063.4	7,063.4	16.1	15.8	-90.00	-119.1	-202.0	157.5	125.7	31.86	4.944	CC, ES, SF	
7,300.0	7,075.0	7,067.5	7,067.5	16.1	15.8	-91.35	-119.1	-202.0	157.8	125.9	31.87	4.951		
7,350.0	7,092.9	7,085.4	7,085.4	16.2	15.8	-96.63	-119.1	-202.0	167.2	135.4	31.85	5.250		
7,400.0	7,107.5	7,100.0	7,100.0	16.3	15.8	-99.70	-119.1	-202.0	188.7	156.9	31.84	5.928		
7,450.0	7,118.8	7,111.3	7,111.3	16.5	15.9	-100.49	-119.1	-202.0	219.4	187.4	31.98	6.858		
7,500.0	7,126.6	7,119.1	7,119.1	16.8	15.9	-98.90	-119.1	-202.0	256.2	223.8	32.35	7.920		
7,550.0	7,131.0	7,123.5	7,123.5	17.0	15.9	-94.81	-119.1	-202.0	297.0	264.2	32.85	9.042		
7,587.7	7,132.0	7,124.5	7,124.5	17.3	15.9	-90.00	-119.1	-202.0	329.6	296.4	33.19	9.930		
7,600.0	7,132.0	7,124.5	7,124.5	17.4	15.9	-90.00	-119.1	-202.0	340.4	307.2	33.28	10.231		
7,700.0	7,132.0	7,124.5	7,124.5	18.2	15.9	-90.00	-119.1	-202.0	431.6	397.5	34.06	12.672		
7,800.0	7,132.0	7,124.5	7,124.5	19.1	15.9	-90.00	-119.1	-202.0	526.0	491.0	35.00	15.026		
7,900.0	7,132.0	7,124.5	7,124.5	20.2	15.9	-90.00	-119.1	-202.0	622.1	586.0	36.09	17.238		
8,000.0	7,132.0	7,124.5	7,124.5	21.4	15.9	-90.00	-119.1	-202.0	719.3	682.0	37.29	19.289		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 677- Matrix 23-29 Pad Sec.29-T6N-R65W - Matrix 24-29-17 - Wellbore #1 - Wellbore #1													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	-120.29	-93.6	-160.3	185.9					
100.0	100.0	90.4	90.4	0.1	0.1	-120.32	-93.7	-160.3	185.7	185.5	0.22	862.527		
200.0	200.0	190.3	190.3	0.3	0.2	-120.41	-94.0	-160.2	185.8	185.2	0.55	335.623		
300.0	300.0	290.1	290.1	0.6	0.3	-120.58	-94.6	-160.1	185.9	185.0	0.89	208.502		
400.0	400.0	390.0	390.0	0.8	0.4	-120.81	-95.3	-159.9	186.1	184.9	1.23	151.352		
500.0	500.0	489.9	489.9	1.0	0.6	-121.11	-96.3	-159.6	186.4	184.9	1.57	118.901		
600.0	600.0	589.8	589.7	1.2	0.7	-121.48	-97.5	-159.3	186.8	184.9	1.91	98.004		
700.0	700.0	689.7	689.7	1.5	0.8	-121.91	-99.0	-159.0	187.3	185.0	2.26	83.032		
800.0	800.0	790.4	790.3	1.7	1.0	-122.21	-99.9	-158.6	187.5	184.8	2.68	69.935		
900.0	900.0	890.2	890.2	1.9	1.2	-122.44	-100.6	-158.3	187.6	184.5	3.11	60.375		
1,000.0	1,000.0	990.9	990.8	2.1	1.4	-122.41	-100.6	-158.5	187.8	184.2	3.53	53.146		
1,100.0	1,100.0	1,093.7	1,093.6	2.4	1.6	-121.74	-98.3	-158.9	186.9	182.9	3.96	47.231		
1,200.0	1,200.0	1,195.5	1,195.3	2.6	1.8	-120.05	-92.4	-159.7	184.5	180.2	4.39	42.052		
1,300.0	1,300.0	1,294.2	1,293.5	2.8	2.0	-117.21	-83.3	-162.0	182.2	177.4	4.83	37.749		
1,376.7	1,376.7	1,368.4	1,367.2	3.0	2.2	-114.37	-74.9	-165.3	181.5	176.3	5.17	35.080 CC		
1,400.0	1,400.0	1,390.8	1,389.3	3.0	2.3	-113.39	-72.1	-166.7	181.6	176.3	5.28	34.370 ES		
1,500.0	1,500.0	1,485.2	1,482.5	3.3	2.5	-108.82	-59.3	-174.0	184.0	178.2	5.77	31.903		
1,600.0	1,600.0	1,580.1	1,576.0	3.5	2.8	-104.17	-46.4	-183.8	190.1	183.8	6.27	30.312		
1,700.0	1,700.0	1,677.8	1,672.2	3.7	3.1	-99.55	-32.8	-195.1	198.7	191.9	6.80	29.239		
1,800.0	1,800.0	1,774.2	1,766.6	3.9	3.4	-94.89	-17.7	-206.7	208.8	201.5	7.33	28.491		
1,900.0	1,900.0	1,865.7	1,855.7	4.2	3.8	-90.26	-1.0	-219.5	222.2	214.3	7.87	28.247 SF		
2,000.0	2,000.0	1,955.5	1,942.5	4.4	4.2	-86.02	16.3	-234.7	240.1	231.7	8.40	28.578		
2,100.0	2,100.0	2,050.2	2,033.6	4.6	4.6	-82.15	34.8	-252.7	261.4	252.5	8.93	29.275		
2,200.0	2,200.0	2,146.6	2,126.3	4.8	5.1	-78.69	54.2	-270.8	283.5	274.1	9.44	30.017		
2,300.0	2,300.0	2,243.5	2,219.2	5.1	5.6	-75.37	75.3	-288.5	306.6	296.6	9.96	30.780		
2,400.0	2,400.0	2,341.4	2,313.2	5.3	6.1	-72.48	96.5	-305.9	329.9	319.5	10.46	31.537		
2,500.0	2,500.0	2,436.6	2,404.7	5.5	6.5	-70.17	116.4	-322.8	353.7	342.7	10.95	32.287		
2,600.0	2,600.0	2,529.7	2,494.0	5.7	7.0	-68.02	137.0	-339.4	378.5	367.1	11.45	33.057		
2,700.0	2,700.0	2,622.4	2,582.6	6.0	7.5	-66.03	158.4	-356.3	404.6	392.7	11.94	33.877		
2,800.0	2,800.0	2,710.2	2,666.2	6.2	8.1	-64.03	179.1	-373.2	432.8	420.6	12.22	35.414		
2,900.0	2,899.8	2,791.9	2,743.5	6.3	8.6	-62.19	199.4	-390.2	464.7	452.1	12.61	36.845		
3,000.0	2,999.5	2,881.9	2,828.0	6.5	9.1	-60.50	222.2	-410.9	500.6	487.6	13.01	38.474		
3,100.0	3,098.7	2,980.3	2,921.0	6.7	9.7	-58.93	245.5	-433.1	537.3	523.9	13.40	40.092		
3,200.0	3,197.5	3,067.4	3,003.6	6.9	10.2	-57.40	265.6	-452.5	575.5	561.7	13.77	41.798		
3,220.0	3,217.1	3,083.5	3,018.7	6.9	10.3	-56.93	269.3	-456.2	583.5	569.7	13.84	42.158		
3,300.0	3,295.8	3,161.3	3,092.2	7.1	10.8	-55.44	287.4	-474.2	616.2	602.0	14.14	43.578		
3,400.0	3,394.2	3,258.2	3,184.5	7.3	11.4	-54.00	307.6	-496.0	655.6	641.0	14.53	45.118		
3,500.0	3,492.5	3,351.3	3,273.0	7.6	11.9	-52.61	328.1	-516.1	695.4	680.5	14.93	46.587		
3,600.0	3,590.9	3,450.4	3,367.7	7.8	12.5	-51.28	349.1	-536.7	734.7	719.4	15.35	47.856		
3,700.0	3,689.3	3,546.2	3,459.4	8.1	13.0	-50.00	368.4	-556.3	773.5	757.7	15.79	48.993		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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	1.0	1.0	0.0	0.0	-169.76	-169.4	-30.6	172.1					
100.0	100.0	101.0	101.0	0.1	0.1	-169.76	-169.4	-30.6	172.1	171.9	0.23	758.291		
166.3	166.3	167.3	167.3	0.3	0.3	-169.76	-169.4	-30.6	172.1	171.6	0.53	327.773	CC	
200.0	200.0	201.0	201.0	0.3	0.3	-169.76	-169.4	-30.6	172.1	171.5	0.68	254.500	ES	
300.0	300.0	300.0	300.0	0.6	0.6	-169.20	-169.6	-32.3	172.7	171.5	1.11	155.187		
400.0	400.0	397.3	397.1	0.8	0.8	-167.61	-170.1	-37.4	174.2	172.7	1.55	112.204		
500.0	500.0	494.9	494.4	1.0	1.0	-165.05	-171.1	-45.7	177.2	175.2	2.02	87.708		
600.0	600.0	591.8	590.6	1.2	1.3	-161.64	-172.3	-57.2	181.9	179.4	2.52	72.284		
700.0	700.0	687.8	685.4	1.5	1.6	-157.57	-174.0	-71.8	188.8	185.8	3.04	62.084		
800.0	800.0	782.7	778.7	1.7	2.0	-153.08	-175.9	-89.3	198.5	194.9	3.59	55.274		
900.0	900.0	876.3	870.1	1.9	2.4	-148.40	-178.1	-109.6	211.4	207.3	4.16	50.836		
1,000.0	1,000.0	968.5	959.3	2.1	2.8	-143.75	-180.7	-132.5	227.9	223.1	4.73	48.131		
1,100.0	1,100.0	1,059.1	1,046.3	2.4	3.4	-139.32	-183.5	-157.7	248.0	242.7	5.31	46.715		
1,200.0	1,200.0	1,148.0	1,130.8	2.6	3.9	-135.21	-186.5	-185.1	272.0	266.1	5.88	46.291		
1,300.0	1,300.0	1,242.3	1,220.0	2.8	4.5	-131.36	-189.9	-215.6	298.5	292.1	6.45	46.281	SF	
1,400.0	1,400.0	1,336.9	1,309.4	3.0	5.2	-128.12	-193.2	-246.2	326.1	319.1	7.00	46.577		
1,500.0	1,500.0	1,431.4	1,398.8	3.3	5.8	-125.38	-196.6	-276.8	354.6	347.1	7.54	47.029		
1,600.0	1,600.0	1,526.0	1,488.2	3.5	6.4	-123.05	-200.0	-307.4	383.7	375.7	8.07	47.563		
1,700.0	1,700.0	1,620.5	1,577.6	3.7	7.1	-121.03	-203.4	-338.0	413.4	404.8	8.59	48.135		
1,800.0	1,800.0	1,715.1	1,667.0	3.9	7.7	-119.29	-206.8	-368.7	443.4	434.3	9.10	48.716		
1,900.0	1,900.0	1,809.6	1,756.4	4.2	8.4	-117.76	-210.2	-399.3	473.8	464.2	9.61	49.290		
2,000.0	2,000.0	1,904.2	1,845.8	4.4	9.0	-116.42	-213.5	-429.9	504.5	494.3	10.12	49.846		
2,100.0	2,100.0	1,998.7	1,935.2	4.6	9.7	-115.23	-216.9	-460.5	535.3	524.7	10.63	50.378		
2,200.0	2,200.0	2,093.3	2,024.6	4.8	10.4	-114.16	-220.3	-491.1	566.4	555.3	11.13	50.885		
2,300.0	2,300.0	2,187.8	2,113.9	5.1	11.0	-113.21	-223.7	-521.7	597.6	586.0	11.64	51.365		
2,400.0	2,400.0	2,282.4	2,203.3	5.3	11.7	-112.35	-227.1	-552.3	629.0	616.9	12.14	51.817		
2,500.0	2,500.0	2,376.9	2,292.7	5.5	12.3	-111.57	-230.5	-582.9	660.5	647.8	12.64	52.244		
2,600.0	2,600.0	2,471.5	2,382.1	5.7	13.0	-110.87	-233.8	-613.5	692.1	678.9	13.15	52.645		
2,700.0	2,700.0	2,566.0	2,471.5	6.0	13.6	-110.22	-237.2	-644.1	723.7	710.1	13.65	53.023		
2,800.0	2,800.0	2,660.7	2,561.0	6.2	14.3	65.46	-240.6	-674.7	754.8	741.0	13.81	54.673		
2,900.0	2,899.8	2,755.4	2,650.6	6.3	15.0	65.80	-244.0	-705.4	784.6	770.3	14.28	54.953		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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	1.0	1.0	0.0	0.0	-173.72	-161.7	-17.8	162.7					
100.0	100.0	101.0	101.0	0.1	0.1	-173.72	-161.7	-17.8	162.7	162.5	0.23	716.810		
200.0	200.0	201.0	201.0	0.3	0.3	-173.72	-161.7	-17.8	162.7	162.0	0.68	240.524		
300.0	300.0	301.0	301.0	0.6	0.6	-173.72	-161.7	-17.8	162.7	161.6	1.13	144.507		
366.3	366.3	367.3	367.3	0.7	0.7	-173.72	-161.7	-17.8	162.7	161.3	1.42	114.253 CC		
400.0	400.0	401.0	401.0	0.8	0.8	-173.72	-161.7	-17.8	162.7	161.2	1.58	103.289 ES		
500.0	500.0	500.0	500.0	1.0	1.0	-173.12	-162.0	-19.5	163.2	161.2	2.01	81.218		
600.0	600.0	597.8	597.6	1.2	1.2	-171.42	-162.8	-24.6	164.6	162.2	2.44	67.458		
700.0	700.0	695.6	695.1	1.5	1.4	-168.67	-164.0	-32.9	167.4	164.5	2.89	57.828		
800.0	800.0	792.8	791.5	1.7	1.7	-165.01	-165.8	-44.4	171.9	168.5	3.37	50.925		
900.0	900.0	889.0	886.6	1.9	2.0	-160.65	-168.0	-59.0	178.6	174.7	3.88	45.991		
1,000.0	1,000.0	984.1	980.1	2.1	2.3	-155.85	-170.6	-76.5	188.1	183.7	4.42	42.595		
1,100.0	1,100.0	1,078.0	1,071.7	2.4	2.7	-150.88	-173.7	-96.8	201.0	196.0	4.97	40.449		
1,200.0	1,200.0	1,170.4	1,161.1	2.6	3.2	-145.97	-177.1	-119.6	217.4	211.9	5.53	39.328		
1,300.0	1,300.0	1,263.2	1,250.3	2.8	3.7	-141.26	-181.0	-145.2	237.5	231.5	6.09	38.996 SF		
1,400.0	1,400.0	1,359.1	1,342.2	3.0	4.2	-137.07	-185.1	-172.2	259.6	252.9	6.65	39.039		
1,500.0	1,500.0	1,455.0	1,434.1	3.3	4.7	-133.52	-189.2	-199.2	282.8	275.6	7.19	39.332		
1,600.0	1,600.0	1,550.8	1,526.0	3.5	5.3	-130.51	-193.3	-226.2	306.8	299.1	7.72	39.766		
1,700.0	1,700.0	1,646.7	1,617.9	3.7	5.9	-127.94	-197.3	-253.2	331.6	323.4	8.23	40.278		
1,800.0	1,800.0	1,742.5	1,709.8	3.9	6.4	-125.71	-201.4	-280.2	356.9	348.2	8.74	40.828		
1,900.0	1,900.0	1,838.4	1,801.7	4.2	7.0	-123.79	-205.5	-307.2	382.7	373.4	9.25	41.388		
2,000.0	2,000.0	1,934.3	1,893.6	4.4	7.6	-122.10	-209.6	-334.1	408.8	399.1	9.75	41.945		
2,100.0	2,100.0	2,030.1	1,985.4	4.6	8.2	-120.61	-213.7	-361.1	435.2	425.0	10.24	42.487		
2,200.0	2,200.0	2,126.0	2,077.3	4.8	8.7	-119.29	-217.8	-388.1	461.9	451.2	10.74	43.009		
2,300.0	2,300.0	2,221.9	2,169.2	5.1	9.3	-118.12	-221.8	-415.1	488.8	477.5	11.23	43.508		
2,400.0	2,400.0	2,317.7	2,261.1	5.3	9.9	-117.07	-225.9	-442.1	515.8	504.1	11.73	43.983		
2,500.0	2,500.0	2,413.6	2,353.0	5.5	10.5	-116.12	-230.0	-469.1	543.0	530.8	12.22	44.433		
2,600.0	2,600.0	2,509.4	2,444.9	5.7	11.1	-115.26	-234.1	-496.1	570.3	557.6	12.71	44.859		
2,700.0	2,700.0	2,605.3	2,536.8	6.0	11.6	-114.48	-238.2	-523.1	597.7	584.5	13.21	45.261		
2,800.0	2,800.0	2,701.2	2,628.8	6.2	12.2	61.45	-242.3	-550.1	624.4	611.0	13.41	46.557		
2,900.0	2,899.8	2,797.3	2,720.9	6.3	12.8	62.05	-246.3	-577.1	649.7	635.9	13.86	46.886		
3,000.0	2,999.5	2,893.4	2,812.9	6.5	13.4	62.86	-250.4	-604.2	673.7	659.4	14.29	47.146		
3,100.0	3,098.7	2,989.3	2,904.9	6.7	14.0	63.86	-254.5	-631.2	696.4	681.7	14.71	47.335		
3,200.0	3,197.5	3,085.0	2,996.6	6.9	14.6	65.03	-258.6	-658.1	718.1	703.0	15.14	47.446		
3,220.0	3,217.1	3,104.0	3,014.9	6.9	14.7	65.28	-259.4	-663.5	722.4	707.2	15.22	47.457		
3,300.0	3,295.8	3,180.4	3,088.1	7.1	15.2	66.59	-262.7	-685.0	739.5	723.9	15.56	47.536		
3,400.0	3,394.2	3,275.9	3,179.6	7.3	15.7	68.14	-266.7	-711.9	761.3	745.3	16.00	47.593		
3,500.0	3,492.5	3,371.3	3,271.1	7.6	16.3	69.61	-270.8	-738.7	783.7	767.2	16.46	47.605		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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 Tooface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	1.0	1.0	0.0	0.0	-178.14	-154.1	-5.0	154.2					
100.0	100.0	101.0	101.0	0.1	0.1	-178.14	-154.1	-5.0	154.2	154.0	0.23	679.214		
200.0	200.0	201.0	201.0	0.3	0.3	-178.14	-154.1	-5.0	154.2	153.5	0.68	227.909		
300.0	300.0	301.0	301.0	0.6	0.6	-178.14	-154.1	-5.0	154.2	153.1	1.13	136.927		
400.0	400.0	401.0	401.0	0.8	0.8	-178.14	-154.1	-5.0	154.2	152.6	1.58	97.861		
500.0	500.0	501.0	501.0	1.0	1.0	-178.14	-154.1	-5.0	154.2	152.2	2.03	76.138		
566.3	566.3	567.3	567.3	1.2	1.2	-178.14	-154.1	-5.0	154.2	151.9	2.32	66.367	CC	
600.0	600.0	601.0	601.0	1.2	1.2	-178.14	-154.1	-5.0	154.2	151.7	2.47	62.312	ES	
700.0	700.0	700.0	700.0	1.5	1.4	-177.51	-154.5	-6.7	154.6	151.7	2.91	53.195		
800.0	800.0	798.1	797.9	1.7	1.6	-175.70	-155.5	-11.7	156.0	152.7	3.33	46.809		
900.0	900.0	896.1	895.6	1.9	1.9	-172.77	-157.3	-20.0	158.7	154.9	3.78	41.997		
1,000.0	1,000.0	993.4	992.1	2.1	2.1	-168.89	-159.8	-31.4	163.1	158.8	4.25	38.396		
1,100.0	1,100.0	1,089.8	1,087.4	2.4	2.4	-164.28	-162.9	-45.8	169.7	165.0	4.74	35.801		
1,200.0	1,200.0	1,185.0	1,181.0	2.6	2.7	-159.22	-166.6	-63.2	179.3	174.0	5.26	34.090		
1,300.0	1,300.0	1,279.0	1,272.7	2.8	3.1	-154.01	-170.9	-83.3	192.2	186.4	5.80	33.170		
1,400.0	1,400.0	1,374.4	1,365.2	3.0	3.5	-148.87	-175.8	-106.1	208.4	202.1	6.34	32.871	SF	
1,500.0	1,500.0	1,471.3	1,459.1	3.3	4.0	-144.38	-180.8	-129.5	226.3	219.5	6.88	32.892		
1,600.0	1,600.0	1,568.2	1,553.0	3.5	4.4	-140.54	-185.8	-152.9	245.4	238.0	7.41	33.128		
1,700.0	1,700.0	1,665.1	1,646.9	3.7	4.9	-137.26	-190.8	-176.3	265.4	257.5	7.92	33.496		
1,800.0	1,800.0	1,762.0	1,740.8	3.9	5.4	-134.44	-195.8	-199.7	286.1	277.7	8.43	33.942		
1,900.0	1,900.0	1,858.9	1,834.7	4.2	5.9	-131.99	-200.9	-223.1	307.5	298.5	8.93	34.429		
2,000.0	2,000.0	1,955.8	1,928.6	4.4	6.4	-129.86	-205.9	-246.5	329.3	319.8	9.43	34.934		
2,100.0	2,100.0	2,052.7	2,022.5	4.6	6.9	-128.00	-210.9	-269.9	351.4	341.5	9.92	35.441		
2,200.0	2,200.0	2,149.6	2,116.4	4.8	7.4	-126.35	-215.9	-293.3	373.9	363.5	10.40	35.940		
2,300.0	2,300.0	2,246.5	2,210.3	5.1	7.9	-124.89	-220.9	-316.7	396.7	385.8	10.89	36.424		
2,400.0	2,400.0	2,343.4	2,304.2	5.3	8.4	-123.59	-225.9	-340.1	419.6	408.3	11.38	36.892		
2,500.0	2,500.0	2,440.3	2,398.1	5.5	8.9	-122.43	-230.9	-363.5	442.8	430.9	11.86	37.339		
2,600.0	2,600.0	2,537.2	2,492.0	5.7	9.4	-121.38	-236.0	-386.9	466.1	453.8	12.34	37.766		
2,700.0	2,700.0	2,634.1	2,585.9	6.0	10.0	-120.42	-241.0	-410.3	489.6	476.7	12.83	38.172		
2,800.0	2,800.0	2,731.1	2,679.9	6.2	10.5	55.78	-246.0	-433.7	512.2	499.1	13.08	39.168		
2,900.0	2,899.8	2,828.3	2,774.0	6.3	11.0	56.68	-251.0	-457.2	533.1	519.6	13.50	39.488		
3,000.0	2,999.5	2,925.4	2,868.1	6.5	11.5	57.82	-256.0	-480.7	552.4	538.5	13.91	39.711		
3,100.0	3,098.7	3,022.5	2,962.2	6.7	12.0	59.17	-261.1	-504.1	570.3	556.0	14.31	39.842		
3,200.0	3,197.5	3,119.3	3,056.0	6.9	12.5	60.72	-266.1	-527.5	587.0	572.3	14.72	39.880		
3,220.0	3,217.1	3,138.6	3,074.7	6.9	12.6	61.05	-267.1	-532.1	590.2	575.4	14.80	39.876		
3,300.0	3,295.8	3,215.8	3,149.6	7.1	13.1	62.60	-271.1	-550.8	603.2	588.0	15.13	39.857		
3,400.0	3,394.2	3,312.4	3,243.2	7.3	13.6	64.43	-276.1	-574.1	620.0	604.4	15.57	39.816		
3,500.0	3,492.5	3,409.0	3,336.8	7.6	14.1	66.18	-281.1	-597.4	637.4	621.4	16.03	39.752		
3,600.0	3,590.9	3,505.6	3,430.3	7.8	14.6	67.83	-286.1	-620.7	655.4	638.9	16.52	39.667		
3,700.0	3,689.3	3,602.2	3,523.9	8.1	15.1	69.40	-291.1	-644.1	673.9	656.9	17.03	39.562		
3,800.0	3,787.6	3,698.7	3,617.5	8.4	15.6	70.88	-296.1	-667.4	692.9	675.3	17.57	39.439		
3,900.0	3,886.0	3,795.3	3,711.1	8.7	16.2	72.29	-301.1	-690.7	712.3	694.2	18.12	39.301		
4,000.0	3,984.3	3,891.9	3,804.7	9.0	16.7	73.62	-306.1	-714.0	732.1	713.4	18.70	39.150		
4,100.0	4,082.7	3,988.5	3,898.3	9.3	17.2	74.88	-311.1	-737.3	752.3	733.0	19.30	38.989		
4,200.0	4,181.1	4,085.1	3,991.9	9.6	17.7	76.08	-316.0	-760.7	772.9	753.0	19.91	38.821		
4,300.0	4,279.4	4,181.6	4,085.5	10.0	18.2	77.22	-321.0	-784.0	793.7	773.2	20.54	38.649		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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	1.0	1.0	0.0	0.0	176.95	-146.5	7.8	146.7					
100.0	100.0	101.0	101.0	0.1	0.1	176.95	-146.5	7.8	146.7	146.4	0.23	646.067		
200.0	200.0	201.0	201.0	0.3	0.3	176.95	-146.5	7.8	146.7	146.0	0.68	216.787		
300.0	300.0	301.0	301.0	0.6	0.6	176.95	-146.5	7.8	146.7	145.5	1.13	130.245		
400.0	400.0	401.0	401.0	0.8	0.8	176.95	-146.5	7.8	146.7	145.1	1.58	93.085		
500.0	500.0	501.0	501.0	1.0	1.0	176.95	-146.5	7.8	146.7	144.6	2.03	72.423		
600.0	600.0	601.0	601.0	1.2	1.2	176.95	-146.5	7.8	146.7	144.2	2.47	59.267		
700.0	700.0	701.0	701.0	1.5	1.5	176.95	-146.5	7.8	146.7	143.7	2.92	50.156		
766.3	766.3	767.3	767.3	1.6	1.6	176.95	-146.5	7.8	146.7	143.4	3.22	45.515 CC		
800.0	800.0	801.0	801.0	1.7	1.7	176.95	-146.5	7.8	146.7	143.3	3.37	43.475		
900.0	900.0	900.0	900.0	1.9	1.9	177.62	-146.9	6.1	147.0	143.2	3.80	38.644 ES		
1,000.0	1,000.0	998.6	998.5	2.1	2.1	179.56	-148.2	1.1	148.2	144.0	4.23	35.055		
1,100.0	1,100.0	1,096.9	1,096.3	2.4	2.3	-177.30	-150.3	-7.1	150.6	145.9	4.67	32.258		
1,200.0	1,200.0	1,194.4	1,193.2	2.6	2.5	-173.14	-153.3	-18.4	154.6	149.5	5.13	30.145		
1,300.0	1,300.0	1,291.0	1,288.6	2.8	2.8	-168.19	-157.0	-32.8	160.9	155.3	5.61	28.666		
1,400.0	1,400.0	1,386.6	1,382.5	3.0	3.1	-162.76	-161.5	-50.1	170.1	164.0	6.12	27.797		
1,500.0	1,500.0	1,481.5	1,475.1	3.3	3.5	-157.17	-166.8	-70.2	182.8	176.2	6.64	27.510 SF		
1,600.0	1,600.0	1,578.9	1,569.9	3.5	3.9	-151.97	-172.4	-91.8	197.8	190.6	7.18	27.555		
1,700.0	1,700.0	1,676.2	1,664.6	3.7	4.3	-147.51	-178.0	-113.4	214.2	206.5	7.70	27.817		
1,800.0	1,800.0	1,773.6	1,759.4	3.9	4.7	-143.69	-183.6	-134.9	231.6	223.4	8.21	28.215		
1,900.0	1,900.0	1,870.9	1,854.2	4.2	5.2	-140.41	-189.2	-156.5	250.0	241.3	8.71	28.695		
2,000.0	2,000.0	1,968.2	1,948.9	4.4	5.6	-137.58	-194.9	-178.1	269.1	259.8	9.21	29.220		
2,100.0	2,100.0	2,065.6	2,043.7	4.6	6.1	-135.12	-200.5	-199.6	288.7	279.0	9.70	29.766		
2,200.0	2,200.0	2,162.9	2,138.4	4.8	6.5	-132.98	-206.1	-221.2	308.7	298.6	10.18	30.317		
2,300.0	2,300.0	2,260.3	2,233.2	5.1	7.0	-131.09	-211.7	-242.8	329.2	318.5	10.67	30.860		
2,400.0	2,400.0	2,357.6	2,327.9	5.3	7.5	-129.43	-217.3	-264.3	349.9	338.8	11.15	31.390		
2,500.0	2,500.0	2,455.0	2,422.7	5.5	7.9	-127.95	-222.9	-285.9	370.9	359.3	11.63	31.902		
2,600.0	2,600.0	2,552.3	2,517.5	5.7	8.4	-126.63	-228.6	-307.5	392.1	380.0	12.10	32.394		
2,700.0	2,700.0	2,649.6	2,612.2	6.0	8.9	-125.44	-234.2	-329.0	413.5	400.9	12.58	32.864		
2,800.0	2,800.0	2,747.1	2,707.1	6.2	9.4	51.05	-239.8	-350.6	434.0	421.1	12.86	33.739		
2,900.0	2,899.8	2,844.7	2,802.1	6.3	9.9	52.24	-245.4	-372.3	452.5	439.3	13.27	34.094		
3,000.0	2,999.5	2,942.3	2,897.1	6.5	10.3	53.67	-251.1	-393.9	469.4	455.7	13.67	34.330		
3,100.0	3,098.7	3,039.8	2,992.0	6.7	10.8	55.34	-256.7	-415.5	484.6	470.5	14.06	34.458		
3,200.0	3,197.5	3,137.1	3,086.8	6.9	11.3	57.23	-262.3	-437.1	498.5	484.0	14.46	34.482		
3,220.0	3,217.1	3,156.5	3,105.7	6.9	11.4	57.64	-263.4	-441.4	501.1	486.6	14.54	34.474		
3,300.0	3,295.8	3,234.2	3,181.3	7.1	11.8	59.41	-267.9	-458.6	511.8	497.0	14.87	34.428		
3,400.0	3,394.2	3,331.3	3,275.8	7.3	12.3	61.53	-273.5	-480.1	525.9	510.6	15.30	34.369		
3,500.0	3,492.5	3,428.4	3,370.3	7.6	12.7	63.54	-279.1	-501.6	540.7	524.9	15.76	34.303		
3,600.0	3,590.9	3,525.5	3,464.8	7.8	13.2	65.45	-284.7	-523.1	556.1	539.8	16.25	34.226		
3,700.0	3,689.3	3,622.6	3,559.3	8.1	13.7	67.25	-290.3	-544.6	572.1	555.3	16.76	34.139		
3,800.0	3,787.6	3,719.7	3,653.9	8.4	14.2	68.96	-295.9	-566.1	588.6	571.3	17.29	34.042		
3,900.0	3,886.0	3,816.8	3,748.4	8.7	14.7	70.57	-301.5	-587.7	605.6	587.8	17.85	33.936		
4,000.0	3,984.3	3,913.9	3,842.9	9.0	15.2	72.10	-307.1	-609.2	623.1	604.7	18.42	33.823		
4,100.0	4,082.7	4,011.0	3,937.4	9.3	15.7	73.55	-312.7	-630.7	641.0	622.0	19.02	33.704		
4,200.0	4,181.1	4,108.1	4,031.9	9.6	16.1	74.91	-318.3	-652.2	659.3	639.6	19.63	33.580		
4,300.0	4,279.4	4,205.2	4,126.4	10.0	16.6	76.21	-323.9	-673.7	677.9	657.6	20.26	33.454		
4,400.0	4,377.8	4,302.3	4,220.9	10.3	17.1	77.44	-329.5	-695.2	696.8	675.9	20.91	33.327		
4,500.0	4,476.1	4,399.4	4,315.5	10.7	17.6	78.60	-335.2	-716.7	716.1	694.5	21.57	33.201		
4,600.0	4,574.5	4,496.5	4,410.0	11.0	18.1	79.70	-340.8	-738.2	735.6	713.4	22.24	33.075		
4,700.0	4,672.8	4,593.5	4,504.5	11.4	18.6	80.75	-346.4	-759.8	755.4	732.5	22.92	32.952		
4,800.0	4,771.2	4,690.6	4,599.0	11.7	19.1	81.74	-352.0	-781.3	775.4	751.8	23.62	32.832		
4,900.0	4,869.6	4,787.7	4,693.5	12.1	19.5	82.69	-357.6	-802.8	795.7	771.3	24.32	32.716		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference				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	171.45	-138.8	20.9	140.4					
100.0	100.0	100.0	100.0	0.1	0.1	171.45	-138.8	20.9	140.4	140.1	0.22	624.457		
200.0	200.0	200.0	200.0	0.3	0.3	171.45	-138.8	20.9	140.4	139.7	0.67	208.152		
300.0	300.0	300.0	300.0	0.6	0.6	171.45	-138.8	20.9	140.4	139.2	1.12	124.891		
400.0	400.0	400.0	400.0	0.8	0.8	171.45	-138.8	20.9	140.4	138.8	1.57	89.208		
500.0	500.0	500.0	500.0	1.0	1.0	171.45	-138.8	20.9	140.4	138.3	2.02	69.384		
600.0	600.0	600.0	600.0	1.2	1.2	171.45	-138.8	20.9	140.4	137.9	2.47	56.769		
700.0	700.0	700.0	700.0	1.5	1.5	171.45	-138.8	20.9	140.4	137.4	2.92	48.035		
800.0	800.0	800.0	800.0	1.7	1.7	171.45	-138.8	20.9	140.4	137.0	3.37	41.630		
900.0	900.0	900.0	900.0	1.9	1.9	171.45	-138.8	20.9	140.4	136.5	3.82	36.733		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	171.45	-138.8	20.9	140.4	136.1	4.27	32.866 CC		
1,100.0	1,100.0	1,099.2	1,099.2	2.4	2.3	172.14	-139.3	19.2	140.6	135.9	4.70	29.918 ES		
1,200.0	1,200.0	1,198.1	1,198.0	2.6	2.5	174.18	-140.9	14.4	141.6	136.5	5.12	27.652		
1,300.0	1,300.0	1,296.6	1,296.1	2.8	2.7	177.50	-143.5	6.3	143.7	138.1	5.56	25.854		
1,400.0	1,400.0	1,394.4	1,393.1	3.0	3.0	-178.08	-147.1	-4.9	147.3	141.3	6.01	24.506		
1,500.0	1,500.0	1,491.2	1,488.8	3.3	3.2	-172.80	-151.6	-19.1	153.2	146.7	6.49	23.616		
1,600.0	1,600.0	1,587.0	1,582.9	3.5	3.5	-167.02	-157.1	-36.2	162.1	155.1	6.99	23.200 SF		
1,700.0	1,700.0	1,683.4	1,677.1	3.7	3.9	-161.12	-163.4	-55.9	174.2	166.7	7.50	23.215		
1,800.0	1,800.0	1,781.1	1,772.4	3.9	4.2	-155.88	-169.8	-76.0	188.1	180.1	8.02	23.458		
1,900.0	1,900.0	1,878.7	1,867.7	4.2	4.6	-151.37	-176.3	-96.2	203.4	194.9	8.53	23.855		
2,000.0	2,000.0	1,976.3	1,963.0	4.4	5.0	-147.51	-182.7	-116.4	219.8	210.8	9.03	24.348		
2,100.0	2,100.0	2,073.9	2,058.3	4.6	5.4	-144.18	-189.2	-136.6	237.0	227.5	9.52	24.898		
2,200.0	2,200.0	2,171.5	2,153.6	4.8	5.9	-141.30	-195.6	-156.7	254.9	244.9	10.01	25.477		
2,300.0	2,300.0	2,269.2	2,248.9	5.1	6.3	-138.80	-202.1	-176.9	273.4	262.9	10.49	26.065		
2,400.0	2,400.0	2,366.8	2,344.2	5.3	6.7	-136.62	-208.5	-197.1	292.3	281.3	10.97	26.651		
2,500.0	2,500.0	2,464.4	2,439.5	5.5	7.2	-134.70	-215.0	-217.2	311.6	300.1	11.44	27.225		
2,600.0	2,600.0	2,562.0	2,534.8	5.7	7.6	-133.01	-221.5	-237.4	331.1	319.2	11.92	27.782		
2,700.0	2,700.0	2,659.6	2,630.0	6.0	8.1	-131.50	-227.9	-257.6	351.0	338.6	12.39	28.320		
2,800.0	2,800.0	2,757.4	2,725.5	6.2	8.5	45.33	-234.4	-277.8	369.8	357.1	12.70	29.123		
2,900.0	2,899.8	2,855.3	2,821.0	6.3	9.0	46.85	-240.8	-298.0	386.5	373.4	13.10	29.507		
3,000.0	2,999.5	2,953.2	2,916.7	6.5	9.4	48.61	-247.3	-318.2	401.3	387.8	13.49	29.751		
3,100.0	3,098.7	3,051.1	3,012.2	6.7	9.9	50.61	-253.8	-338.5	414.3	400.4	13.87	29.872		
3,200.0	3,197.5	3,148.8	3,107.6	6.9	10.3	52.85	-260.3	-358.6	425.8	411.6	14.25	29.878		
3,220.0	3,217.1	3,168.3	3,126.6	6.9	10.4	53.33	-261.5	-362.7	428.0	413.6	14.33	29.866		
3,300.0	3,295.8	3,246.3	3,202.8	7.1	10.8	55.36	-266.7	-378.8	436.7	422.1	14.66	29.796		
3,400.0	3,394.2	3,343.8	3,297.9	7.3	11.2	57.78	-273.2	-398.9	448.4	433.4	15.09	29.720		
3,500.0	3,492.5	3,441.3	3,393.1	7.6	11.7	60.08	-279.6	-419.1	460.9	445.4	15.55	29.652		
3,600.0	3,590.9	3,538.8	3,488.3	7.8	12.2	62.25	-286.0	-439.2	474.1	458.1	16.03	29.585		
3,700.0	3,689.3	3,636.3	3,583.4	8.1	12.6	64.31	-292.5	-459.4	488.0	471.5	16.53	29.517		
3,800.0	3,787.6	3,733.8	3,678.6	8.4	13.1	66.26	-298.9	-479.5	502.5	485.4	17.06	29.446		
3,900.0	3,886.0	3,831.3	3,773.8	8.7	13.6	68.10	-305.4	-499.6	517.5	499.9	17.62	29.372		
4,000.0	3,984.3	3,928.8	3,869.0	9.0	14.0	69.84	-311.8	-519.8	533.0	514.8	18.20	29.294		
4,100.0	4,082.7	4,026.3	3,964.1	9.3	14.5	71.48	-318.3	-539.9	549.0	530.2	18.79	29.214		
4,200.0	4,181.1	4,123.8	4,059.3	9.6	14.9	73.03	-324.7	-560.1	565.4	546.0	19.41	29.132		
4,300.0	4,279.4	4,221.3	4,154.5	10.0	15.4	74.49	-331.2	-580.2	582.2	562.2	20.04	29.049		
4,400.0	4,377.8	4,318.7	4,249.7	10.3	15.9	75.87	-337.6	-600.4	599.4	578.7	20.69	28.967		
4,500.0	4,476.1	4,416.2	4,344.8	10.7	16.3	77.17	-344.1	-620.5	616.8	595.5	21.35	28.885		
4,600.0	4,574.5	4,513.7	4,440.0	11.0	16.8	78.41	-350.5	-640.6	634.6	612.6	22.03	28.806		
4,700.0	4,672.8	4,611.2	4,535.2	11.4	17.3	79.57	-357.0	-660.8	652.7	629.9	22.72	28.728		
4,800.0	4,771.2	4,708.7	4,630.3	11.7	17.7	80.68	-363.4	-680.9	671.0	647.5	23.42	28.653		
4,900.0	4,869.6	4,806.2	4,725.5	12.1	18.2	81.73	-369.9	-701.1	689.5	665.4	24.12	28.581		
5,000.0	4,967.9	4,903.7	4,820.7	12.4	18.7	82.72	-376.3	-721.2	708.2	683.4	24.84	28.513		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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								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	5,066.3	5,001.2	4,915.9	12.8	19.1	83.66	-382.7	-741.4	727.2	701.6	25.56	28.448		
5,200.0	5,164.6	5,098.7	5,011.0	13.2	19.6	84.55	-389.2	-761.5	746.3	720.0	26.29	28.386		
5,300.0	5,263.0	5,196.2	5,106.2	13.5	20.1	85.40	-395.6	-781.6	765.6	738.6	27.03	28.328		
5,400.0	5,361.3	5,293.7	5,201.4	13.9	20.5	86.21	-402.1	-801.8	785.1	757.3	27.77	28.273		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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	1.0	1.0	0.0	0.0	165.60	-131.1	33.7	135.4					
100.0	100.0	101.0	101.0	0.1	0.1	165.60	-131.1	33.7	135.4	135.2	0.23	596.439		
200.0	200.0	201.0	201.0	0.3	0.3	165.60	-131.1	33.7	135.4	134.7	0.68	200.134		
300.0	300.0	301.0	301.0	0.6	0.6	165.60	-131.1	33.7	135.4	134.3	1.13	120.240		
400.0	400.0	401.0	401.0	0.8	0.8	165.60	-131.1	33.7	135.4	133.8	1.58	85.935		
500.0	500.0	501.0	501.0	1.0	1.0	165.60	-131.1	33.7	135.4	133.4	2.03	66.859		
600.0	600.0	601.0	601.0	1.2	1.2	165.60	-131.1	33.7	135.4	132.9	2.47	54.714		
700.0	700.0	701.0	701.0	1.5	1.5	165.60	-131.1	33.7	135.4	132.5	2.92	46.303		
800.0	800.0	801.0	801.0	1.7	1.7	165.60	-131.1	33.7	135.4	132.0	3.37	40.133		
900.0	900.0	901.0	901.0	1.9	1.9	165.60	-131.1	33.7	135.4	131.6	3.82	35.415		
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	165.60	-131.1	33.7	135.4	131.1	4.27	31.689		
1,100.0	1,100.0	1,101.0	1,101.0	2.4	2.4	165.60	-131.1	33.7	135.4	130.7	4.72	28.672		
1,166.3	1,166.3	1,167.3	1,167.3	2.5	2.5	165.60	-131.1	33.7	135.4	130.4	5.02	26.969 CC		
1,200.0	1,200.0	1,201.0	1,201.0	2.6	2.6	165.60	-131.1	33.7	135.4	130.2	5.17	26.181		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	166.32	-131.9	32.1	135.7	130.1	5.60	24.236 ES		
1,400.0	1,400.0	1,399.0	1,398.9	3.0	3.0	168.45	-134.0	27.4	136.8	130.8	6.02	22.737		
1,500.0	1,500.0	1,497.5	1,496.9	3.3	3.2	171.88	-137.5	19.6	139.0	132.5	6.45	21.565		
1,600.0	1,600.0	1,595.2	1,593.9	3.5	3.4	176.42	-142.4	8.9	142.9	136.0	6.89	20.731		
1,700.0	1,700.0	1,692.0	1,689.6	3.7	3.7	-178.19	-148.6	-4.7	149.1	141.7	7.36	20.260		
1,800.0	1,800.0	1,790.1	1,786.2	3.9	3.9	-172.55	-155.7	-20.4	157.7	149.9	7.85	20.107 SF		
1,900.0	1,900.0	1,888.6	1,883.1	4.2	4.2	-167.50	-162.9	-36.1	167.8	159.5	8.34	20.129		
2,000.0	2,000.0	1,987.0	1,980.0	4.4	4.6	-163.04	-170.1	-51.9	179.0	170.2	8.83	20.285		
2,100.0	2,100.0	2,085.4	2,076.9	4.6	4.9	-159.12	-177.2	-67.6	191.2	181.9	9.31	20.535		
2,200.0	2,200.0	2,183.9	2,173.8	4.8	5.2	-155.67	-184.4	-83.4	204.2	194.4	9.79	20.850		
2,300.0	2,300.0	2,282.3	2,270.7	5.1	5.6	-152.64	-191.6	-99.1	217.8	207.5	10.27	21.207		
2,400.0	2,400.0	2,380.8	2,367.6	5.3	5.9	-149.97	-198.7	-114.9	232.0	221.2	10.74	21.590		
2,500.0	2,500.0	2,479.2	2,464.5	5.5	6.3	-147.61	-205.9	-130.6	246.5	235.3	11.21	21.985		
2,600.0	2,600.0	2,577.6	2,561.4	5.7	6.7	-145.51	-213.1	-146.4	261.5	249.8	11.68	22.384		
2,700.0	2,700.0	2,676.1	2,658.4	6.0	7.0	-143.64	-220.2	-162.1	276.8	264.6	12.15	22.781		
2,800.0	2,800.0	2,774.7	2,755.4	6.2	7.4	33.63	-227.4	-177.9	290.9	278.4	12.49	23.286		
2,900.0	2,899.8	2,873.4	2,852.6	6.3	7.8	35.57	-234.6	-193.7	302.4	289.5	12.88	23.480		
3,000.0	2,999.5	2,972.2	2,949.9	6.5	8.2	37.76	-241.8	-209.5	311.6	298.3	13.26	23.505		
3,100.0	3,098.7	3,071.0	3,047.1	6.7	8.6	40.23	-249.0	-225.3	318.6	305.0	13.62	23.384		
3,200.0	3,197.5	3,169.5	3,144.1	6.9	8.9	43.01	-256.1	-241.1	323.6	309.6	13.99	23.136		
3,220.0	3,217.1	3,189.2	3,163.4	6.9	9.0	43.60	-257.6	-244.2	324.4	310.4	14.06	23.072		
3,300.0	3,295.8	3,267.9	3,240.9	7.1	9.3	46.03	-263.3	-256.8	327.8	313.4	14.39	22.789		
3,400.0	3,394.2	3,366.2	3,337.7	7.3	9.7	48.99	-270.5	-272.6	332.9	318.1	14.81	22.482		
3,500.0	3,492.5	3,464.6	3,434.6	7.6	10.1	51.86	-277.6	-288.3	338.9	323.6	15.25	22.217		
3,600.0	3,590.9	3,562.9	3,531.4	7.8	10.5	54.63	-284.8	-304.1	345.7	329.9	15.72	21.987		
3,700.0	3,689.3	3,661.3	3,628.2	8.1	10.9	57.28	-292.0	-319.8	353.2	337.0	16.22	21.785		
3,800.0	3,787.6	3,759.7	3,725.1	8.4	11.3	59.82	-299.1	-335.5	361.6	344.8	16.74	21.606		
3,900.0	3,886.0	3,858.0	3,821.9	8.7	11.7	62.25	-306.3	-351.3	370.6	353.3	17.28	21.446		
4,000.0	3,984.3	3,956.4	3,918.7	9.0	12.1	64.56	-313.4	-367.0	380.3	362.4	17.85	21.303		
4,100.0	4,082.7	4,054.7	4,015.5	9.3	12.5	66.75	-320.6	-382.8	390.5	372.1	18.44	21.175		
4,200.0	4,181.1	4,153.1	4,112.4	9.6	12.9	68.83	-327.8	-398.5	401.3	382.3	19.06	21.059		
4,300.0	4,279.4	4,251.5	4,209.2	10.0	13.3	70.80	-334.9	-414.3	412.6	393.0	19.69	20.956		
4,400.0	4,377.8	4,349.8	4,306.0	10.3	13.7	72.67	-342.1	-430.0	424.4	404.1	20.34	20.865		
4,500.0	4,476.1	4,448.2	4,402.8	10.7	14.0	74.43	-349.2	-445.7	436.6	415.6	21.01	20.783		
4,600.0	4,574.5	4,546.5	4,499.7	11.0	14.4	76.10	-356.4	-461.5	449.2	427.5	21.69	20.712		
4,700.0	4,672.8	4,644.9	4,596.5	11.4	14.8	77.68	-363.6	-477.2	462.2	439.8	22.38	20.650		
4,800.0	4,771.2	4,743.3	4,693.3	11.7	15.2	79.18	-370.7	-493.0	475.5	452.4	23.09	20.597		
4,900.0	4,869.6	4,841.6	4,790.1	12.1	15.6	80.59	-377.9	-508.7	489.1	465.3	23.80	20.551		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft		
Survey Program: 0-MWD													Matrix 29- Pad Sec.29-T6N-R65W - Matrix F-29HN - Wellbore #1 - Plan #1 (10-01-14)		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				
5,000.0	4,967.9	4,940.0	4,887.0	12.4	16.0	81.92	-385.0	-524.4	503.0	478.5	24.52	20.514				
5,100.0	5,066.3	5,038.3	4,983.8	12.8	16.4	83.19	-392.2	-540.2	517.1	491.9	25.25	20.482				
5,200.0	5,164.6	5,136.7	5,080.6	13.2	16.8	84.38	-399.4	-555.9	531.5	505.5	25.98	20.457				
5,300.0	5,263.0	5,235.1	5,177.5	13.5	17.2	85.52	-406.5	-571.7	546.1	519.3	26.72	20.438				
5,400.0	5,361.3	5,333.4	5,274.3	13.9	17.6	86.59	-413.7	-587.4	560.9	533.4	27.46	20.424				
5,500.0	5,459.7	5,431.8	5,371.1	14.3	18.0	87.62	-420.8	-603.1	575.8	547.6	28.21	20.415				
5,600.0	5,558.1	5,530.1	5,467.9	14.7	18.4	88.58	-428.0	-618.9	591.0	562.0	28.96	20.410				
5,700.0	5,656.4	5,628.5	5,564.8	15.0	18.8	89.51	-435.2	-634.6	606.3	576.6	29.71	20.409				
5,726.9	5,682.9	5,655.0	5,590.8	15.1	18.9	89.75	-437.1	-638.9	610.4	580.5	29.91	20.409				
5,800.0	5,754.9	5,726.9	5,661.7	15.4	19.2	90.52	-442.3	-650.4	621.7	591.3	30.44	20.424				
5,900.0	5,854.0	5,825.6	5,758.8	15.7	19.6	91.29	-449.5	-666.2	637.2	606.1	31.09	20.498				
6,000.0	5,953.4	5,924.4	5,856.0	15.9	20.0	91.72	-456.7	-682.0	652.6	621.0	31.68	20.603				
6,100.0	6,053.2	6,023.2	5,953.3	16.1	20.4	91.84	-463.9	-697.8	668.0	635.8	32.21	20.738				
6,200.0	6,153.1	6,121.8	6,050.4	16.3	20.8	91.67	-471.1	-713.6	683.2	650.5	32.68	20.905				
6,246.9	6,200.0	6,168.0	6,095.9	16.4	21.0	-84.07	-474.5	-721.0	690.4	657.5	32.92	20.972				
6,300.0	6,253.1	6,220.3	6,147.4	16.5	21.2	-84.45	-478.3	-729.3	698.5	665.4	33.12	21.088				
6,400.0	6,353.1	6,315.7	6,241.3	16.7	21.6	-85.07	-484.4	-744.6	713.9	680.4	33.48	21.321				
6,462.7	6,415.8	6,372.4	6,297.2	16.8	21.8	-85.07	-483.7	-753.7	724.0	690.3	33.69	21.488				
6,500.0	6,453.1	6,406.0	6,330.3	16.8	21.9	-84.18	-481.1	-759.1	730.2	696.3	33.84	21.580				
6,550.0	6,502.9	6,450.0	6,373.4	16.9	22.0	-83.42	-475.4	-766.2	738.4	704.3	34.02	21.704				
6,600.0	6,552.3	6,495.8	6,417.7	16.9	22.1	-82.70	-466.6	-773.5	746.5	712.3	34.14	21.862				
6,650.0	6,601.0	6,540.6	6,460.5	16.9	22.1	-82.01	-455.2	-780.6	754.4	720.2	34.21	22.054				
6,700.0	6,648.8	6,585.4	6,502.4	16.8	22.2	-81.37	-441.2	-787.5	762.2	728.0	34.21	22.277				
6,750.0	6,695.5	6,630.1	6,543.4	16.8	22.3	-80.78	-424.6	-794.3	769.7	735.6	34.17	22.528				
6,800.0	6,740.8	6,674.9	6,583.2	16.7	22.3	-80.23	-405.3	-800.9	777.1	743.0	34.08	22.804				
6,850.0	6,784.5	6,719.7	6,621.9	16.6	22.3	-79.73	-383.6	-807.4	784.1	750.1	33.94	23.100				
6,900.0	6,826.4	6,764.5	6,659.1	16.5	22.4	-79.28	-359.5	-813.6	790.8	757.0	33.78	23.410				
6,950.0	6,866.4	6,809.5	6,694.9	16.4	22.4	-78.88	-332.9	-819.6	797.2	763.6	33.60	23.726				

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference				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	1.0	1.0	0.0	0.0	-120.58	-15.3	-25.9	30.1	30.1	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-120.58	-15.3	-25.9	30.1	29.8	0.23	132.427		
200.0	200.0	201.0	201.0	0.3	0.3	-120.58	-15.3	-25.9	30.1	29.4	0.68	44.436		
300.0	300.0	301.0	301.0	0.6	0.6	-120.58	-15.3	-25.9	30.1	28.9	1.13	26.697		
400.0	400.0	401.0	401.0	0.8	0.8	-120.58	-15.3	-25.9	30.1	28.5	1.58	19.080		
500.0	500.0	501.0	501.0	1.0	1.0	-120.58	-15.3	-25.9	30.1	28.0	2.03	14.845		
600.0	600.0	601.0	601.0	1.2	1.2	-120.58	-15.3	-25.9	30.1	27.6	2.47	12.148		
700.0	700.0	701.0	701.0	1.5	1.5	-120.58	-15.3	-25.9	30.1	27.1	2.92	10.281		
800.0	800.0	801.0	801.0	1.7	1.7	-120.58	-15.3	-25.9	30.1	26.7	3.37	8.911		
900.0	900.0	901.0	901.0	1.9	1.9	-120.58	-15.3	-25.9	30.1	26.2	3.82	7.863		
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	-120.58	-15.3	-25.9	30.1	25.8	4.27	7.036		
1,100.0	1,100.0	1,101.0	1,101.0	2.4	2.4	-120.58	-15.3	-25.9	30.1	25.3	4.72	6.366		
1,200.0	1,200.0	1,201.0	1,201.0	2.6	2.6	-120.58	-15.3	-25.9	30.1	24.9	5.17	5.813		
1,300.0	1,300.0	1,301.0	1,301.0	2.8	2.8	-120.58	-15.3	-25.9	30.1	24.4	5.62	5.348		
1,400.0	1,400.0	1,401.0	1,401.0	3.0	3.0	-120.58	-15.3	-25.9	30.1	24.0	6.07	4.952		
1,500.0	1,500.0	1,501.0	1,501.0	3.3	3.3	-120.58	-15.3	-25.9	30.1	23.5	6.52	4.611		
1,600.0	1,600.0	1,601.0	1,601.0	3.5	3.5	-120.58	-15.3	-25.9	30.1	23.1	6.97	4.313		
1,700.0	1,700.0	1,701.0	1,701.0	3.7	3.7	-120.58	-15.3	-25.9	30.1	22.6	7.42	4.052		
1,800.0	1,800.0	1,801.0	1,801.0	3.9	3.9	-120.58	-15.3	-25.9	30.1	22.2	7.87	3.820		
1,900.0	1,900.0	1,901.0	1,901.0	4.2	4.2	-120.58	-15.3	-25.9	30.1	21.7	8.32	3.614		
2,000.0	2,000.0	2,001.0	2,001.0	4.4	4.4	-120.58	-15.3	-25.9	30.1	21.3	8.77	3.429		
2,100.0	2,100.0	2,101.0	2,101.0	4.6	4.6	-120.58	-15.3	-25.9	30.1	20.8	9.22	3.261		
2,200.0	2,200.0	2,201.0	2,201.0	4.8	4.8	-120.58	-15.3	-25.9	30.1	20.4	9.67	3.110		
2,300.0	2,300.0	2,301.0	2,301.0	5.1	5.1	-120.58	-15.3	-25.9	30.1	19.9	10.12	2.972		
2,400.0	2,400.0	2,401.0	2,401.0	5.3	5.3	-120.58	-15.3	-25.9	30.1	19.5	10.57	2.845		
2,466.3	2,466.3	2,467.3	2,467.3	5.4	5.4	-120.58	-15.3	-25.9	30.1	19.2	10.86	2.767 CC		
2,500.0	2,500.0	2,501.0	2,501.0	5.5	5.5	-120.58	-15.3	-25.9	30.1	19.0	11.02	2.729 ES, SF		
2,600.0	2,600.0	2,600.0	2,600.0	5.7	5.7	-121.29	-16.5	-27.1	31.8	20.3	11.44	2.778		
2,700.0	2,700.0	2,698.6	2,698.5	6.0	5.9	-123.01	-20.0	-30.9	36.9	25.0	11.84	3.115		
2,800.0	2,800.0	2,797.0	2,796.5	6.2	6.1	52.17	-25.9	-37.0	44.3	32.1	12.21	3.630		
2,900.0	2,899.8	2,895.0	2,893.7	6.3	6.3	54.13	-34.1	-45.5	53.0	40.5	12.55	4.224		
3,000.0	2,999.5	2,992.5	2,990.1	6.5	6.5	57.31	-44.5	-56.4	63.1	50.2	12.90	4.893		
3,100.0	3,098.7	3,089.5	3,085.3	6.7	6.7	60.99	-57.0	-69.6	74.9	61.6	13.27	5.645		
3,200.0	3,197.5	3,185.9	3,179.4	6.9	7.0	64.75	-71.7	-85.0	88.5	74.8	13.66	6.478		
3,220.0	3,217.1	3,205.6	3,198.5	6.9	7.0	65.53	-74.9	-88.4	91.3	77.6	13.74	6.647		
3,300.0	3,295.8	3,284.7	3,275.3	7.1	7.3	68.54	-87.8	-101.8	102.9	88.8	14.10	7.297		
3,400.0	3,394.2	3,383.4	3,371.3	7.3	7.6	71.46	-103.9	-118.7	117.6	103.1	14.58	8.069		
3,500.0	3,492.5	3,482.2	3,467.3	7.6	7.9	73.73	-120.0	-135.5	132.6	117.5	15.09	8.790		
3,600.0	3,590.9	3,580.9	3,563.2	7.8	8.3	75.54	-136.1	-152.4	147.8	132.1	15.62	9.458		
3,700.0	3,689.3	3,679.7	3,659.2	8.1	8.6	77.02	-152.2	-169.3	163.0	146.8	16.18	10.074		
3,800.0	3,787.6	3,778.4	3,755.2	8.4	9.0	78.24	-168.3	-186.1	178.3	161.6	16.77	10.638		
3,900.0	3,886.0	3,877.2	3,851.1	8.7	9.4	79.26	-184.3	-203.0	193.8	176.4	17.37	11.155		
4,000.0	3,984.3	3,975.9	3,947.1	9.0	9.8	80.14	-200.4	-219.8	209.2	191.2	17.99	11.627		
4,100.0	4,082.7	4,074.7	4,043.1	9.3	10.2	80.89	-216.5	-236.7	224.7	206.1	18.63	12.060		
4,200.0	4,181.1	4,173.4	4,139.0	9.6	10.7	81.55	-232.6	-253.5	240.3	221.0	19.29	12.455		
4,300.0	4,279.4	4,272.2	4,235.0	10.0	11.1	82.13	-248.7	-270.4	255.8	235.9	19.96	12.817		
4,400.0	4,377.8	4,370.9	4,330.9	10.3	11.5	82.64	-264.8	-287.2	271.4	250.8	20.64	13.148		
4,500.0	4,476.1	4,469.7	4,426.9	10.7	12.0	83.09	-280.9	-304.1	287.0	265.7	21.34	13.452		
4,600.0	4,574.5	4,568.4	4,522.9	11.0	12.4	83.50	-297.0	-320.9	302.6	280.6	22.04	13.731		
4,700.0	4,672.8	4,667.2	4,618.8	11.4	12.9	83.87	-313.0	-337.8	318.2	295.5	22.75	13.988		
4,800.0	4,771.2	4,765.9	4,714.8	11.7	13.3	84.20	-329.1	-354.6	333.9	310.4	23.47	14.224		
4,900.0	4,869.6	4,864.7	4,810.8	12.1	13.8	84.51	-345.2	-371.5	349.5	325.3	24.20	14.443		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0ft		
Survey Program: 0-MWD													Matrix 29- Pad Sec.29-T6N-R65W - Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)		Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance						Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
5,000.0	4,967.9	4,963.4	4,906.7	12.4	14.3	84.79	-361.3	-388.3	365.2	340.3	24.94	14.644				
5,100.0	5,066.3	5,062.2	5,002.7	12.8	14.7	85.04	-377.4	-405.2	380.9	355.2	25.68	14.831				
5,200.0	5,164.6	5,160.9	5,098.6	13.2	15.2	85.28	-393.5	-422.0	396.6	370.1	26.43	15.004				
5,300.0	5,263.0	5,259.7	5,194.6	13.5	15.7	85.49	-409.6	-438.9	412.2	385.1	27.18	15.165				
5,400.0	5,361.3	5,358.4	5,290.6	13.9	16.1	85.70	-425.7	-455.7	427.9	400.0	27.94	15.315				
5,500.0	5,459.7	5,457.2	5,386.5	14.3	16.6	85.88	-441.7	-472.6	443.6	414.9	28.70	15.455				
5,600.0	5,558.1	5,563.6	5,490.1	14.7	17.0	86.14	-458.5	-490.2	458.8	429.4	29.46	15.577				
5,700.0	5,656.4	5,675.5	5,599.9	15.0	17.4	86.74	-473.5	-505.9	471.5	441.3	30.21	15.610				
5,726.9	5,682.9	5,705.6	5,629.6	15.1	17.5	86.96	-477.0	-509.6	474.5	444.1	30.41	15.602				
5,800.0	5,754.9	5,787.7	5,710.8	15.4	17.7	87.70	-485.6	-518.5	481.6	450.7	30.93	15.571				
5,900.0	5,854.0	5,900.4	5,822.7	15.7	18.0	88.57	-494.6	-527.9	489.2	457.7	31.55	15.508				
6,000.0	5,953.4	6,013.3	5,935.2	15.9	18.3	89.29	-500.6	-534.3	494.3	462.2	32.09	15.403				
6,100.0	6,053.2	6,126.3	6,048.2	16.1	18.5	89.88	-503.6	-537.3	496.8	464.2	32.57	15.255				
6,200.0	6,153.1	6,232.3	6,154.1	16.3	18.6	90.26	-503.9	-537.7	497.1	464.1	32.96	15.081				
6,246.9	6,200.0	6,279.2	6,201.0	16.4	18.7	-85.26	-503.9	-537.7	497.1	463.9	33.14	14.998				
6,280.9	6,234.0	6,313.2	6,235.0	16.5	18.8	-85.26	-503.9	-537.7	497.1	463.8	33.26	14.947				
6,300.0	6,253.1	6,332.1	6,253.9	16.5	18.8	-85.26	-503.9	-537.7	497.1	463.8	33.32	14.920				
6,400.0	6,353.1	6,425.7	6,347.2	16.7	18.9	-84.50	-497.3	-537.7	497.8	464.1	33.63	14.801				
6,462.7	6,415.8	6,483.0	6,403.6	16.8	18.9	-83.36	-487.3	-537.8	499.0	465.2	33.82	14.752				
6,500.0	6,453.1	6,516.4	6,436.0	16.8	18.9	-82.17	-479.4	-537.8	500.0	466.1	33.91	14.746				
6,550.0	6,502.9	6,560.7	6,478.5	16.9	18.9	-81.02	-466.6	-537.9	501.6	467.6	34.00	14.752				
6,600.0	6,552.3	6,604.5	6,519.6	16.9	18.8	-79.92	-451.4	-538.0	503.2	469.2	34.02	14.790				
6,650.0	6,601.0	6,650.0	6,561.1	16.9	18.8	-78.83	-432.9	-538.1	505.0	471.0	33.99	14.858				
6,700.0	6,648.8	6,690.9	6,597.4	16.8	18.7	-77.87	-414.2	-538.2	506.8	472.9	33.89	14.954				
6,750.0	6,695.5	6,733.5	6,634.1	16.8	18.6	-76.94	-392.4	-538.3	508.7	474.9	33.74	15.076				
6,800.0	6,740.8	6,775.7	6,669.1	16.7	18.6	-76.06	-368.7	-538.4	510.5	477.0	33.55	15.220				
6,850.0	6,784.5	6,817.7	6,702.4	16.6	18.5	-75.25	-343.2	-538.5	512.4	479.1	33.31	15.382				
6,900.0	6,826.4	6,859.4	6,733.9	16.5	18.4	-74.50	-316.0	-538.7	514.2	481.1	33.05	15.559				
6,950.0	6,866.4	6,900.0	6,763.1	16.4	18.3	-73.82	-287.7	-538.8	515.9	483.1	32.77	15.744				
7,000.0	6,904.1	6,942.0	6,791.5	16.3	18.2	-73.20	-256.8	-539.0	517.5	485.0	32.48	15.933				
7,050.0	6,939.5	6,983.0	6,817.4	16.2	18.1	-72.65	-225.1	-539.2	519.0	486.8	32.20	16.115				
7,100.0	6,972.3	7,023.8	6,841.4	16.1	18.0	-72.18	-192.1	-539.3	520.3	488.3	31.95	16.284				
7,150.0	7,002.4	7,064.5	6,863.4	16.1	17.9	-71.77	-157.9	-539.5	521.5	489.7	31.74	16.430				
7,200.0	7,029.6	7,105.0	6,883.4	16.1	17.8	-71.44	-122.6	-539.7	522.4	490.8	31.58	16.543				
7,250.0	7,053.9	7,150.0	6,903.2	16.1	17.7	-71.16	-82.2	-539.9	523.2	491.7	31.49	16.615				
7,300.0	7,075.0	7,185.9	6,917.1	16.1	17.7	-70.99	-49.1	-540.1	523.8	492.3	31.49	16.634				
7,350.0	7,092.9	7,226.2	6,930.8	16.2	17.6	-70.88	-11.2	-540.3	524.1	492.5	31.58	16.599				
7,400.0	7,107.5	7,266.5	6,942.3	16.3	17.5	-70.83	27.5	-540.5	524.2	492.5	31.76	16.504				
7,450.0	7,118.8	7,306.9	6,951.6	16.5	17.5	-70.86	66.7	-540.7	524.1	492.1	32.06	16.351				
7,500.0	7,126.6	7,350.0	6,959.1	16.8	17.5	-70.98	109.2	-540.9	523.8	491.4	32.48	16.129				
7,550.0	7,131.0	7,387.6	6,963.5	17.0	17.5	-71.14	146.5	-541.1	523.3	490.3	32.98	15.867				
7,587.7	7,132.0	7,418.0	6,965.6	17.3	17.6	-71.33	176.9	-541.3	522.8	489.3	33.43	15.636				
7,600.0	7,132.0	7,428.0	6,966.1	17.4	17.6	-71.37	186.8	-541.3	522.6	489.0	33.59	15.560				
7,635.2	7,132.0	7,457.1	6,966.5	17.7	17.8	-71.42	215.9	-541.5	522.4	488.4	34.05	15.342				
7,700.0	7,132.0	7,521.2	6,966.2	18.2	18.3	-71.38	280.0	-541.8	522.5	487.5	35.04	14.913				
7,800.0	7,132.0	7,621.2	6,965.7	19.1	19.2	-71.33	380.0	-542.4	522.7	485.9	36.83	14.193				
7,900.0	7,132.0	7,721.2	6,965.2	20.2	20.3	-71.28	480.0	-542.9	522.9	484.0	38.88	13.448				
8,000.0	7,132.0	7,821.2	6,964.7	21.4	21.5	-71.23	580.0	-543.4	523.0	481.9	41.16	12.708				
8,100.0	7,132.0	7,921.2	6,964.2	22.7	22.8	-71.17	680.0	-543.9	523.2	479.6	43.62	11.993				
8,200.0	7,132.0	8,021.2	6,963.7	24.1	24.1	-71.12	780.0	-544.5	523.4	477.1	46.25	11.317				
8,300.0	7,132.0	8,121.2	6,963.1	25.5	25.6	-71.07	880.0	-545.0	523.5	474.5	49.00	10.683				
8,400.0	7,132.0	8,221.2	6,962.6	27.1	27.1	-71.02	980.0	-545.5	523.7	471.8	51.87	10.096				

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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			
8,500.0	7,132.0	8,321.2	6,962.1	28.6	28.6	-70.96	1,080.0	-546.1	523.9	469.0	54.83	9.554			
8,600.0	7,132.0	8,421.2	6,961.6	30.2	30.2	-70.91	1,180.0	-546.6	524.0	466.2	57.87	9.055			
8,700.0	7,132.0	8,521.2	6,961.1	31.9	31.8	-70.86	1,280.0	-547.1	524.2	463.2	60.98	8.597			
8,800.0	7,132.0	8,621.2	6,960.6	33.5	33.4	-70.81	1,380.0	-547.6	524.4	460.2	64.14	8.176			
8,900.0	7,132.0	8,721.2	6,960.1	35.2	35.1	-70.76	1,480.0	-548.2	524.5	457.2	67.35	7.789			
9,000.0	7,132.0	8,821.2	6,959.6	36.9	36.8	-70.70	1,580.0	-548.7	524.7	454.1	70.60	7.433			
9,100.0	7,132.0	8,921.2	6,959.1	38.7	38.5	-70.65	1,680.0	-549.2	524.9	451.0	73.88	7.104			
9,200.0	7,132.0	9,021.2	6,958.6	40.4	40.3	-70.60	1,780.0	-549.8	525.1	447.9	77.20	6.801			
9,300.0	7,132.0	9,121.2	6,958.1	42.2	42.0	-70.55	1,880.0	-550.3	525.2	444.7	80.54	6.521			
9,400.0	7,132.0	9,221.2	6,957.6	44.0	43.8	-70.50	1,980.0	-550.8	525.4	441.5	83.91	6.262			
9,500.0	7,132.0	9,321.2	6,957.1	45.8	45.6	-70.44	2,080.0	-551.3	525.6	438.3	87.30	6.021			
9,600.0	7,132.0	9,421.2	6,956.6	47.6	47.4	-70.39	2,180.0	-551.9	525.8	435.1	90.70	5.797			
9,700.0	7,132.0	9,521.2	6,956.1	49.4	49.2	-70.34	2,280.0	-552.4	525.9	431.8	94.12	5.588			
9,800.0	7,132.0	9,621.2	6,955.6	51.2	51.0	-70.29	2,380.0	-552.9	526.1	428.5	97.55	5.393			
9,900.0	7,132.0	9,721.2	6,955.1	53.0	52.8	-70.24	2,480.0	-553.5	526.3	425.3	101.00	5.211			
10,000.0	7,132.0	9,821.2	6,954.5	54.9	54.6	-70.19	2,579.9	-554.0	526.5	422.0	104.46	5.040			
10,100.0	7,132.0	9,921.2	6,954.0	56.7	56.4	-70.13	2,679.9	-554.5	526.6	418.7	107.92	4.880			
10,200.0	7,132.0	10,021.2	6,953.5	58.6	58.3	-70.08	2,779.9	-555.0	526.8	415.4	111.40	4.729			
10,300.0	7,132.0	10,121.2	6,953.0	60.4	60.1	-70.03	2,879.9	-555.6	527.0	412.1	114.88	4.587			
10,400.0	7,132.0	10,221.2	6,952.5	62.3	62.0	-69.98	2,979.9	-556.1	527.2	408.8	118.37	4.454			
10,500.0	7,132.0	10,321.2	6,952.0	64.1	63.8	-69.93	3,079.9	-556.6	527.3	405.5	121.86	4.327			
10,600.0	7,132.0	10,421.2	6,951.5	66.0	65.7	-69.88	3,179.9	-557.2	527.5	402.2	125.36	4.208			
10,700.0	7,132.0	10,521.2	6,951.0	67.9	67.5	-69.82	3,279.9	-557.7	527.7	398.8	128.86	4.095			
10,800.0	7,132.0	10,621.2	6,950.5	69.7	69.4	-69.77	3,379.9	-558.2	527.9	395.5	132.37	3.988			
10,900.0	7,132.0	10,721.2	6,950.0	71.6	71.3	-69.72	3,479.9	-558.7	528.0	392.2	135.88	3.886			
11,000.0	7,132.0	10,821.2	6,949.5	73.5	73.1	-69.67	3,579.9	-559.3	528.2	388.8	139.39	3.790			
11,100.0	7,132.0	10,921.2	6,949.0	75.4	75.0	-69.62	3,679.9	-559.8	528.4	385.5	142.91	3.698			
11,200.0	7,132.0	11,021.2	6,948.5	77.2	76.9	-69.57	3,779.9	-560.3	528.6	382.2	146.43	3.610			
11,300.0	7,132.0	11,121.2	6,948.0	79.1	78.7	-69.52	3,879.9	-560.9	528.8	378.8	149.95	3.526			
11,400.0	7,132.0	11,221.2	6,947.5	81.0	80.6	-69.47	3,979.9	-561.4	528.9	375.5	153.47	3.447			
11,500.0	7,132.0	11,321.2	6,947.0	82.9	82.5	-69.41	4,079.9	-561.9	529.1	372.1	156.99	3.370			
11,600.0	7,132.0	11,421.2	6,946.4	84.8	84.3	-69.36	4,179.9	-562.4	529.3	368.9	160.44	3.299			
11,642.6	7,132.0	11,463.8	6,946.2	85.6	85.0	-69.34	4,222.5	-562.7	529.4	367.6	161.79	3.272			

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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	1.0	1.0	0.0	0.0	-120.31	-7.6	-13.1	15.2	15.2	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-120.31	-7.6	-13.1	15.2	14.9	0.23	66.742		
200.0	200.0	201.0	201.0	0.3	0.3	-120.31	-7.6	-13.1	15.2	14.5	0.68	22.395		
300.0	300.0	301.2	301.2	0.6	0.6	-114.13	-5.9	-13.1	14.3	13.2	1.13	12.716		
400.0	400.0	401.2	401.1	0.8	0.8	-97.37	-1.7	-13.1	13.2	11.6	1.58	8.347		
440.0	440.0	441.1	441.0	0.9	0.9	-90.00	0.0	-13.1	13.1	11.3	1.76	7.422 CC		
500.0	500.0	501.1	500.9	1.0	1.0	-79.00	2.5	-13.1	13.3	11.3	2.04	6.545 ES		
600.0	600.0	601.0	600.7	1.2	1.3	-62.61	6.8	-13.1	14.7	12.2	2.49	5.913		
700.0	700.0	700.9	700.5	1.5	1.5	-49.91	11.0	-13.1	17.1	14.2	2.95	5.807		
800.0	800.0	800.8	800.4	1.7	1.7	-40.63	15.2	-13.1	20.1	16.7	3.40	5.917		
900.0	900.0	900.7	900.2	1.9	2.0	-33.88	19.5	-13.1	23.5	19.6	3.85	6.103		
1,000.0	1,000.0	1,000.6	1,000.0	2.1	2.2	-28.88	23.7	-13.1	27.1	22.8	4.30	6.307		
1,100.0	1,100.0	1,100.6	1,099.8	2.4	2.4	-25.08	28.0	-13.1	30.9	26.1	4.75	6.505		
1,200.0	1,200.0	1,200.5	1,199.6	2.6	2.7	-22.12	32.2	-13.1	34.8	29.6	5.20	6.689		
1,300.0	1,300.0	1,300.4	1,299.5	2.8	2.9	-19.75	36.4	-13.1	38.7	33.1	5.65	6.857		
1,400.0	1,400.0	1,400.6	1,399.6	3.0	3.1	-17.86	40.6	-13.1	42.7	36.6	6.09	7.004		
1,500.0	1,500.0	1,502.0	1,501.0	3.3	3.3	-17.16	42.4	-13.1	44.3	37.8	6.49	6.830		
1,600.0	1,600.0	1,602.0	1,601.0	3.5	3.5	-17.16	42.4	-13.1	44.3	37.4	6.91	6.412		
1,700.0	1,700.0	1,702.0	1,701.0	3.7	3.7	-17.16	42.4	-13.1	44.3	37.0	7.36	6.023		
1,800.0	1,800.0	1,802.0	1,801.0	3.9	3.9	-17.16	42.4	-13.1	44.3	36.5	7.81	5.678		
1,900.0	1,900.0	1,902.0	1,901.0	4.2	4.2	-17.16	42.4	-13.1	44.3	36.1	8.25	5.370		
2,000.0	2,000.0	2,002.0	2,001.0	4.4	4.4	-17.16	42.4	-13.1	44.3	35.6	8.70	5.094		
2,100.0	2,100.0	2,102.0	2,101.0	4.6	4.6	-17.16	42.4	-13.1	44.3	35.2	9.15	4.845		
2,200.0	2,200.0	2,202.0	2,201.0	4.8	4.8	-17.16	42.4	-13.1	44.3	34.7	9.60	4.619		
2,300.0	2,300.0	2,302.0	2,301.0	5.1	5.0	-17.16	42.4	-13.1	44.3	34.3	10.05	4.413		
2,400.0	2,400.0	2,402.0	2,401.0	5.3	5.3	-17.16	42.4	-13.1	44.3	33.8	10.49	4.224		
2,500.0	2,500.0	2,502.0	2,501.0	5.5	5.5	-17.16	42.4	-13.1	44.3	33.4	10.94	4.051		
2,600.0	2,600.0	2,602.0	2,601.0	5.7	5.7	-17.16	42.4	-13.1	44.3	32.9	11.39	3.892		
2,700.0	2,700.0	2,702.0	2,701.0	6.0	5.9	-17.16	42.4	-13.1	44.3	32.5	11.84	3.744		
2,800.0	2,800.0	2,802.0	2,801.0	6.2	6.1	159.19	42.4	-13.1	46.0	33.7	12.25	3.752		
2,900.0	2,899.8	2,901.9	2,900.8	6.3	6.4	161.25	42.4	-13.1	50.9	38.3	12.62	4.032		
3,000.0	2,999.5	3,001.5	3,000.5	6.5	6.6	163.92	42.4	-13.1	59.2	46.2	12.98	4.561		
3,100.0	3,098.7	3,103.0	3,101.9	6.7	6.8	165.92	40.6	-13.7	69.4	56.1	13.28	5.223		
3,200.0	3,197.5	3,204.8	3,203.6	6.9	6.9	166.79	35.4	-15.5	79.8	66.3	13.57	5.881		
3,220.0	3,217.1	3,225.1	3,223.9	6.9	7.0	166.86	33.9	-15.9	82.0	68.3	13.63	6.012		
3,300.0	3,295.8	3,307.0	3,305.4	7.1	7.1	166.77	26.7	-18.4	89.5	75.5	13.92	6.425		
3,400.0	3,394.2	3,409.7	3,407.3	7.3	7.3	165.76	14.5	-22.5	96.0	81.7	14.30	6.713		
3,500.0	3,492.5	3,512.6	3,508.9	7.6	7.5	163.84	-1.1	-27.8	99.5	84.8	14.70	6.768		
3,600.0	3,590.9	3,615.6	3,609.8	7.8	7.7	160.94	-20.3	-34.3	100.0	84.9	15.11	6.617		
3,700.0	3,689.3	3,716.1	3,707.8	8.1	7.9	157.26	-41.3	-41.5	98.7	83.2	15.55	6.347		
3,800.0	3,787.6	3,815.9	3,805.1	8.4	8.1	153.50	-62.3	-48.6	97.8	81.7	16.03	6.101		
3,900.0	3,886.0	3,915.7	3,902.4	8.7	8.4	149.68	-83.2	-55.7	97.3	80.7	16.54	5.882		
3,967.8	3,952.7	3,983.4	3,968.4	8.9	8.6	147.07	-97.5	-60.5	97.2	80.3	16.90	5.748		
4,000.0	3,984.3	4,015.4	3,999.7	9.0	8.7	145.83	-104.2	-62.8	97.2	80.1	17.08	5.689		
4,100.0	4,082.7	4,115.2	4,097.0	9.3	9.0	142.00	-125.2	-69.9	97.5	79.9	17.67	5.520		
4,200.0	4,181.1	4,215.0	4,194.3	9.6	9.3	138.21	-146.1	-77.1	98.3	80.0	18.30	5.373		
4,300.0	4,279.4	4,314.8	4,291.6	10.0	9.6	134.50	-167.1	-84.2	99.6	80.6	18.97	5.248		
4,400.0	4,377.8	4,414.6	4,388.9	10.3	10.0	130.89	-188.1	-91.3	101.2	81.5	19.67	5.143		
4,500.0	4,476.1	4,514.4	4,486.2	10.7	10.3	127.41	-209.1	-98.4	103.2	82.8	20.41	5.057		
4,600.0	4,574.5	4,614.2	4,583.5	11.0	10.7	124.07	-230.0	-105.5	105.6	84.4	21.16	4.988		
4,700.0	4,672.8	4,713.9	4,680.8	11.4	11.0	120.89	-251.0	-112.7	108.3	86.4	21.94	4.936		
4,800.0	4,771.2	4,813.7	4,778.1	11.7	11.4	117.88	-272.0	-119.8	111.3	88.6	22.74	4.897		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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		
4,900.0	4,869.6	4,913.5	4,875.4	12.1	11.8	115.03	-293.0	-126.9	114.7	91.1	23.54	4.872		
5,000.0	4,967.9	5,013.3	4,972.7	12.4	12.2	112.35	-313.9	-134.0	118.3	93.9	24.35	4.857		
5,100.0	5,066.3	5,113.1	5,070.0	12.8	12.6	109.83	-334.9	-141.1	122.1	97.0	25.17	4.853		
5,200.0	5,164.6	5,212.9	5,167.3	13.2	13.0	107.47	-355.9	-148.3	126.2	100.2	25.98	4.857		
5,300.0	5,263.0	5,312.7	5,264.6	13.5	13.4	105.26	-376.9	-155.4	130.5	103.7	26.80	4.868		
5,400.0	5,361.3	5,412.4	5,361.9	13.9	13.8	103.19	-397.8	-162.5	134.9	107.3	27.62	4.886		
5,500.0	5,459.7	5,512.2	5,459.2	14.3	14.3	101.26	-418.8	-169.6	139.5	111.1	28.43	4.908		
5,600.0	5,558.1	5,612.0	5,556.5	14.7	14.7	99.45	-439.8	-176.7	144.3	115.1	29.24	4.936		
5,700.0	5,656.4	5,711.8	5,653.8	15.0	15.1	97.76	-460.7	-183.9	149.2	119.2	30.04	4.966		
5,726.9	5,682.9	5,738.8	5,680.1	15.1	15.2	97.34	-466.4	-185.8	150.5	120.3	30.25	4.976		
5,800.0	5,754.9	5,812.2	5,752.0	15.4	15.5	96.41	-480.5	-190.6	153.9	123.2	30.76	5.005		
5,900.0	5,854.0	5,912.9	5,851.1	15.7	15.8	95.19	-497.1	-196.2	157.9	126.6	31.32	5.041		
6,000.0	5,953.4	6,013.7	5,950.9	15.9	16.1	94.00	-510.4	-200.7	161.1	129.2	31.84	5.060		
6,100.0	6,053.2	6,114.7	6,051.4	16.1	16.3	92.83	-520.4	-204.1	163.5	131.2	32.29	5.063		
6,200.0	6,153.1	6,215.8	6,152.3	16.3	16.5	91.67	-527.0	-206.4	165.0	132.4	32.67	5.051		
6,246.9	6,200.0	6,263.3	6,199.7	16.4	16.6	-84.45	-529.0	-207.0	165.5	132.7	32.84	5.039		
6,300.0	6,253.1	6,317.1	6,253.5	16.5	16.7	-84.91	-530.3	-207.5	165.8	132.8	33.02	5.022		
6,400.0	6,353.1	6,417.8	6,354.1	16.7	16.9	-85.04	-530.6	-207.6	165.9	132.6	33.35	4.975		
6,430.6	6,383.7	6,448.4	6,384.7	16.7	16.9	-85.04	-530.6	-207.6	165.9	132.5	33.45	4.960		
6,462.7	6,415.8	6,479.9	6,416.3	16.8	17.0	-84.91	-530.3	-207.6	165.9	132.4	33.55	4.946		
6,500.0	6,453.1	6,516.3	6,452.6	16.8	17.0	-84.17	-528.1	-207.6	166.1	132.4	33.65	4.936		
6,550.0	6,502.9	6,565.0	6,500.8	16.9	17.1	-83.50	-522.0	-207.6	166.3	132.5	33.73	4.929		
6,600.0	6,552.3	6,613.4	6,548.3	16.9	17.1	-82.75	-512.3	-207.7	166.5	132.8	33.76	4.933		
6,650.0	6,601.0	6,661.7	6,594.8	16.9	17.0	-81.93	-499.2	-207.7	166.9	133.1	33.72	4.948		
6,700.0	6,648.8	6,709.8	6,640.0	16.8	17.0	-81.04	-482.7	-207.8	167.2	133.6	33.63	4.973		
6,750.0	6,695.5	6,757.7	6,683.7	16.8	16.9	-80.09	-463.1	-207.9	167.7	134.2	33.49	5.007		
6,800.0	6,740.8	6,805.4	6,725.6	16.7	16.8	-79.09	-440.4	-208.1	168.3	134.9	33.31	5.052		
6,850.0	6,784.5	6,852.9	6,765.6	16.6	16.7	-78.05	-414.8	-208.2	168.9	135.8	33.08	5.106		
6,900.0	6,826.4	6,900.0	6,803.3	16.5	16.7	-76.97	-386.7	-208.3	169.6	136.8	32.82	5.168		
6,950.0	6,866.4	6,947.1	6,838.9	16.4	16.5	-75.85	-355.8	-208.5	170.4	137.9	32.53	5.237		
7,000.0	6,904.1	6,993.9	6,872.0	16.3	16.4	-74.71	-322.8	-208.7	171.3	139.1	32.24	5.313		
7,050.0	6,939.5	7,040.4	6,902.4	16.2	16.4	-73.56	-287.6	-208.9	172.3	140.3	31.94	5.393		
7,100.0	6,972.3	7,086.6	6,930.1	16.1	16.3	-72.40	-250.6	-209.1	173.4	141.7	31.66	5.476		
7,150.0	7,002.4	7,132.7	6,955.0	16.1	16.2	-71.24	-211.9	-209.3	174.5	143.1	31.40	5.558		
7,200.0	7,029.6	7,178.4	6,977.0	16.1	16.2	-70.08	-171.7	-209.5	175.8	144.6	31.18	5.638		
7,250.0	7,053.9	7,224.0	6,996.0	16.1	16.2	-68.94	-130.4	-209.7	177.1	146.1	31.00	5.712		
7,300.0	7,075.0	7,269.3	7,012.0	16.1	16.2	-67.82	-88.0	-209.9	178.5	147.6	30.89	5.778		
7,350.0	7,092.9	7,314.3	7,025.0	16.2	16.2	-66.72	-44.9	-210.1	179.9	149.1	30.85	5.832		
7,400.0	7,107.5	7,359.2	7,034.9	16.3	16.3	-65.65	-1.2	-210.4	181.4	150.5	30.90	5.872		
7,450.0	7,118.8	7,403.8	7,041.8	16.5	16.5	-64.61	42.9	-210.6	183.0	151.9	31.03	5.896		
7,500.0	7,126.6	7,450.0	7,045.7	16.8	16.7	-63.58	89.0	-210.8	184.5	153.3	31.27	5.902		
7,550.0	7,131.0	7,492.4	7,046.4	17.0	16.9	-62.66	131.3	-211.1	186.1	154.5	31.59	5.890		
7,587.7	7,132.0	7,529.2	7,045.5	17.3	17.2	-62.10	168.2	-211.2	187.0	155.0	31.97	5.848		
7,600.0	7,132.0	7,541.5	7,045.2	17.4	17.3	-62.01	180.5	-211.3	187.1	155.0	32.11	5.826		
7,700.0	7,132.0	7,641.5	7,042.8	18.2	18.1	-61.36	280.4	-211.8	188.3	154.8	33.44	5.629		
7,800.0	7,132.0	7,741.5	7,040.3	19.1	19.0	-60.71	380.4	-212.4	189.4	154.4	35.03	5.407		
7,900.0	7,132.0	7,841.5	7,037.9	20.2	20.2	-60.07	480.3	-212.9	190.6	153.8	36.85	5.174		
8,000.0	7,132.0	7,941.4	7,035.4	21.4	21.4	-59.44	580.2	-213.4	191.9	153.0	38.84	4.940		
8,100.0	7,132.0	8,041.4	7,033.0	22.7	22.7	-58.81	680.2	-213.9	193.1	152.2	40.98	4.713		
8,200.0	7,132.0	8,141.4	7,030.6	24.1	24.1	-58.20	780.1	-214.5	194.4	151.2	43.23	4.497		
8,300.0	7,132.0	8,241.3	7,028.1	25.5	25.5	-57.59	880.1	-215.0	195.7	150.1	45.58	4.294		
8,400.0	7,132.0	8,341.3	7,025.7	27.1	27.1	-56.99	980.0	-215.5	197.0	149.0	47.99	4.105		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0ft	
Survey Program: 0-MWD													Offset Well Error:		0.0ft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,500.0	7,132.0	8,441.3	7,023.2	28.6	28.6	-56.40	1,079.9	-216.0	198.4	147.9	50.46	3.931			
8,600.0	7,132.0	8,541.2	7,020.8	30.2	30.2	-55.81	1,179.9	-216.6	199.7	146.8	52.97	3.771			
8,700.0	7,132.0	8,641.2	7,018.3	31.9	31.9	-55.24	1,279.8	-217.1	201.1	145.6	55.51	3.623			
8,800.0	7,132.0	8,741.2	7,015.9	33.5	33.6	-54.67	1,379.8	-217.6	202.5	144.5	58.06	3.488			
8,900.0	7,132.0	8,841.2	7,013.5	35.2	35.3	-54.11	1,479.7	-218.1	203.9	143.3	60.63	3.364			
9,000.0	7,132.0	8,941.1	7,011.0	36.9	37.0	-53.56	1,579.6	-218.7	205.4	142.2	63.20	3.250			
9,100.0	7,132.0	9,041.1	7,008.6	38.7	38.7	-53.01	1,679.6	-219.2	206.8	141.1	65.77	3.145			
9,200.0	7,132.0	9,141.1	7,006.1	40.4	40.5	-52.48	1,779.5	-219.7	208.3	140.0	68.34	3.048			
9,300.0	7,132.0	9,241.0	7,003.7	42.2	42.2	-51.95	1,879.5	-220.2	209.8	138.9	70.91	2.959			
9,400.0	7,132.0	9,341.0	7,001.2	44.0	44.0	-51.43	1,979.4	-220.8	211.3	137.9	73.46	2.877			
9,500.0	7,132.0	9,441.0	6,998.8	45.8	45.8	-50.91	2,079.3	-221.3	212.9	136.9	75.99	2.801			
9,600.0	7,132.0	9,540.9	6,996.4	47.6	47.6	-50.41	2,179.3	-221.8	214.4	135.9	78.52	2.731			
9,700.0	7,132.0	9,640.9	6,993.9	49.4	49.4	-49.91	2,279.2	-222.3	216.0	135.0	81.03	2.666			
9,800.0	7,132.0	9,740.9	6,991.5	51.2	51.2	-49.42	2,379.1	-222.9	217.6	134.0	83.52	2.605			
9,900.0	7,132.0	9,840.9	6,989.0	53.0	53.1	-48.93	2,479.1	-223.4	219.2	133.2	85.99	2.549			
10,000.0	7,132.0	9,940.8	6,986.6	54.9	54.9	-48.45	2,579.0	-223.9	220.8	132.3	88.44	2.496			
10,100.0	7,132.0	10,040.8	6,984.1	56.7	56.7	-47.98	2,679.0	-224.4	222.4	131.5	90.87	2.447			
10,200.0	7,132.0	10,140.8	6,981.7	58.6	58.6	-47.52	2,778.9	-225.0	224.0	130.8	93.28	2.402			
10,300.0	7,132.0	10,240.7	6,979.3	60.4	60.4	-47.06	2,878.8	-225.5	225.7	130.0	95.67	2.359			
10,400.0	7,132.0	10,340.7	6,976.8	62.3	62.3	-46.61	2,978.8	-226.0	227.4	129.3	98.04	2.319			
10,500.0	7,132.0	10,440.7	6,974.4	64.1	64.2	-46.17	3,078.7	-226.5	229.1	128.7	100.39	2.282			
10,600.0	7,132.0	10,540.6	6,971.9	66.0	66.0	-45.73	3,178.7	-227.1	230.8	128.0	102.71	2.247			
10,700.0	7,132.0	10,640.6	6,969.5	67.9	67.9	-45.30	3,278.6	-227.6	232.5	127.5	105.02	2.214			
10,800.0	7,132.0	10,740.6	6,967.1	69.7	69.7	-44.87	3,378.5	-228.1	234.2	126.9	107.30	2.183			
10,900.0	7,132.0	10,840.6	6,964.6	71.6	71.6	-44.45	3,478.5	-228.6	235.9	126.4	109.56	2.153			
11,000.0	7,132.0	10,940.5	6,962.2	73.5	73.5	-44.04	3,578.4	-229.2	237.7	125.9	111.80	2.126			
11,100.0	7,132.0	11,040.5	6,959.7	75.4	75.4	-43.64	3,678.4	-229.7	239.5	125.4	114.02	2.100			
11,200.0	7,132.0	11,140.5	6,957.3	77.2	77.2	-43.23	3,778.3	-230.2	241.2	125.0	116.22	2.076			
11,300.0	7,132.0	11,240.4	6,954.8	79.1	79.1	-42.84	3,878.2	-230.7	243.0	124.6	118.39	2.053			
11,400.0	7,132.0	11,340.4	6,952.4	81.0	81.0	-42.45	3,978.2	-231.2	244.8	124.3	120.55	2.031			
11,500.0	7,132.0	11,440.4	6,950.0	82.9	82.9	-42.07	4,078.1	-231.8	246.6	123.9	122.68	2.010			
11,600.0	7,132.0	11,540.4	6,947.5	84.8	84.8	-41.69	4,178.0	-232.3	248.4	123.6	124.80	1.991			
11,642.6	7,132.0	11,583.0	6,946.5	85.6	85.6	-41.53	4,220.7	-232.5	249.2	123.5	125.69	1.983 SF			

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft		
Survey Program: 0-MWD													Matrix 29- Pad Sec.29-T6N-R65W - Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)		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	1.0	1.0	0.0	0.0	-120.66	-84.1	-141.9	165.0							
100.0	100.0	101.0	101.0	0.1	0.1	-120.66	-84.1	-141.9	165.0	164.8	0.23	726.849				
200.0	200.0	201.0	201.0	0.3	0.3	-120.66	-84.1	-141.9	165.0	164.3	0.68	243.893				
300.0	300.0	301.0	301.0	0.6	0.6	-120.66	-84.1	-141.9	165.0	163.9	1.13	146.530				
400.0	400.0	401.0	401.0	0.8	0.8	-120.66	-84.1	-141.9	165.0	163.4	1.58	104.724				
500.0	500.0	501.0	501.0	1.0	1.0	-120.66	-84.1	-141.9	165.0	163.0	2.03	81.478				
600.0	600.0	601.0	601.0	1.2	1.2	-120.66	-84.1	-141.9	165.0	162.5	2.47	66.677				
700.0	700.0	701.0	701.0	1.5	1.5	-120.66	-84.1	-141.9	165.0	162.1	2.92	56.427				
800.0	800.0	801.0	801.0	1.7	1.7	-120.66	-84.1	-141.9	165.0	161.6	3.37	48.909				
900.0	900.0	901.0	901.0	1.9	1.9	-120.66	-84.1	-141.9	165.0	161.2	3.82	43.158				
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	-120.66	-84.1	-141.9	165.0	160.7	4.27	38.617				
1,100.0	1,100.0	1,101.0	1,101.0	2.4	2.4	-120.66	-84.1	-141.9	165.0	160.3	4.72	34.941				
1,200.0	1,200.0	1,201.0	1,201.0	2.6	2.6	-120.66	-84.1	-141.9	165.0	159.8	5.17	31.904				
1,300.0	1,300.0	1,301.0	1,301.0	2.8	2.8	-120.66	-84.1	-141.9	165.0	159.4	5.62	29.353				
1,400.0	1,400.0	1,401.0	1,401.0	3.0	3.0	-120.66	-84.1	-141.9	165.0	158.9	6.07	27.179				
1,500.0	1,500.0	1,501.0	1,501.0	3.3	3.3	-120.66	-84.1	-141.9	165.0	158.5	6.52	25.306				
1,600.0	1,600.0	1,601.0	1,601.0	3.5	3.5	-120.66	-84.1	-141.9	165.0	158.0	6.97	23.674				
1,700.0	1,700.0	1,701.0	1,701.0	3.7	3.7	-120.66	-84.1	-141.9	165.0	157.6	7.42	22.239				
1,800.0	1,800.0	1,801.0	1,801.0	3.9	3.9	-120.66	-84.1	-141.9	165.0	157.1	7.87	20.969				
1,900.0	1,900.0	1,901.0	1,901.0	4.2	4.2	-120.66	-84.1	-141.9	165.0	156.7	8.32	19.836				
2,000.0	2,000.0	2,001.0	2,001.0	4.4	4.4	-120.66	-84.1	-141.9	165.0	156.2	8.77	18.819				
2,100.0	2,100.0	2,101.0	2,101.0	4.6	4.6	-120.66	-84.1	-141.9	165.0	155.8	9.22	17.901				
2,200.0	2,200.0	2,201.0	2,201.0	4.8	4.8	-120.66	-84.1	-141.9	165.0	155.3	9.67	17.069				
2,300.0	2,300.0	2,301.0	2,301.0	5.1	5.1	-120.66	-84.1	-141.9	165.0	154.9	10.12	16.310				
2,400.0	2,400.0	2,401.0	2,401.0	5.3	5.3	-120.66	-84.1	-141.9	165.0	154.4	10.57	15.616				
2,466.3	2,466.3	2,467.3	2,467.3	5.4	5.4	-120.66	-84.1	-141.9	165.0	154.1	10.86	15.188				
2,500.0	2,500.0	2,501.0	2,501.0	5.5	5.5	-120.66	-84.1	-141.9	165.0	154.0	11.02	14.979				
2,600.0	2,600.0	2,600.8	2,600.8	5.7	5.7	-121.28	-85.7	-141.1	165.1	153.6	11.44	14.432				
2,700.0	2,700.0	2,700.4	2,700.2	6.0	5.9	-123.09	-90.3	-138.5	165.3	153.5	11.83	13.971				
2,800.0	2,800.0	2,799.6	2,799.0	6.2	6.1	49.96	-97.8	-134.3	165.0	152.8	12.21	13.522				
2,900.0	2,899.8	2,898.4	2,897.2	6.3	6.2	47.18	-108.3	-128.5	163.3	150.7	12.55	13.003				
3,000.0	2,999.5	2,997.1	2,994.7	6.5	6.5	44.06	-121.7	-121.0	160.1	147.2	12.92	12.395				
3,100.0	3,098.7	3,096.7	3,092.8	6.7	6.7	41.25	-136.1	-113.0	155.1	141.8	13.29	11.672				
3,200.0	3,197.5	3,196.3	3,191.0	6.9	6.9	39.11	-150.6	-104.9	147.8	134.2	13.67	10.812				
3,220.0	3,217.1	3,216.1	3,210.6	6.9	7.0	38.76	-153.5	-103.3	146.1	132.3	13.75	10.624				
3,300.0	3,295.8	3,295.8	3,289.1	7.1	7.2	37.26	-165.1	-96.8	138.9	124.8	14.10	9.851				
3,400.0	3,394.2	3,395.2	3,387.2	7.3	7.4	35.15	-179.5	-88.8	130.1	115.6	14.55	8.940				
3,500.0	3,492.5	3,494.7	3,485.3	7.6	7.7	32.74	-194.0	-80.7	121.5	106.5	15.01	8.093				
3,600.0	3,590.9	3,594.2	3,583.4	7.8	8.0	29.97	-208.4	-72.7	113.1	97.7	15.48	7.311				
3,700.0	3,689.3	3,693.7	3,681.5	8.1	8.3	26.77	-222.9	-64.6	105.1	89.2	15.93	6.596				
3,800.0	3,787.6	3,793.2	3,779.6	8.4	8.6	23.05	-237.3	-56.6	97.4	81.0	16.38	5.948				
3,900.0	3,886.0	3,892.7	3,877.7	8.7	8.9	18.72	-251.8	-48.5	90.2	73.4	16.80	5.369				
4,000.0	3,984.3	3,992.2	3,975.8	9.0	9.2	13.68	-266.2	-40.5	83.6	66.4	17.20	4.861				
4,100.0	4,082.7	4,091.7	4,073.9	9.3	9.6	7.83	-280.7	-32.4	77.8	60.2	17.58	4.425				
4,200.0	4,181.1	4,191.2	4,172.0	9.6	9.9	1.13	-295.1	-24.3	72.9	54.9	17.93	4.064				
4,300.0	4,279.4	4,290.6	4,270.1	10.0	10.2	-6.41	-309.6	-16.3	69.1	50.8	18.29	3.778				
4,400.0	4,377.8	4,390.1	4,368.3	10.3	10.5	-14.65	-324.0	-8.2	66.7	48.0	18.69	3.567				
4,500.0	4,476.1	4,489.6	4,466.4	10.7	10.9	-23.32	-338.5	-0.2	65.7	46.5	19.18	3.426				
4,512.2	4,488.1	4,501.8	4,478.3	10.7	10.9	-24.39	-340.3	0.8	65.7	46.5	19.25	3.413 CC, ES				
4,600.0	4,574.5	4,589.1	4,564.5	11.0	11.2	-32.03	-352.9	7.9	66.3	46.5	19.79	3.350				
4,700.0	4,672.8	4,688.6	4,662.6	11.4	11.6	-40.41	-367.4	15.9	68.4	47.9	20.52	3.333				
4,800.0	4,771.2	4,788.1	4,760.7	11.7	11.9	-48.14	-381.8	24.0	71.8	50.5	21.34	3.366				

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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 Tooface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,869.6	4,887.6	4,858.8	12.1	12.3	-55.06	-396.3	32.0	76.5	54.3	22.23	3.441		
5,000.0	4,967.9	4,987.1	4,956.9	12.4	12.6	-61.11	-410.8	40.1	82.1	59.0	23.14	3.549		
5,100.0	5,066.3	5,086.6	5,055.0	12.8	13.0	-66.34	-425.2	48.1	88.5	64.5	24.05	3.682		
5,200.0	5,164.6	5,186.0	5,153.1	13.2	13.4	-70.83	-439.7	56.2	95.6	70.7	24.94	3.833		
5,300.0	5,263.0	5,285.5	5,251.2	13.5	13.7	-74.69	-454.1	64.3	103.2	77.3	25.82	3.996		
5,400.0	5,361.3	5,385.0	5,349.3	13.9	14.1	-78.01	-468.6	72.3	111.1	84.5	26.68	4.166		
5,500.0	5,459.7	5,484.5	5,447.4	14.3	14.4	-80.88	-483.0	80.4	119.4	91.9	27.52	4.339		
5,600.0	5,558.1	5,584.0	5,545.5	14.7	14.8	-83.38	-497.5	88.4	128.0	99.6	28.35	4.514		
5,700.0	5,656.4	5,683.5	5,643.6	15.0	15.2	-85.56	-511.9	96.5	136.7	107.6	29.17	4.688		
5,726.9	5,682.9	5,710.3	5,670.0	15.1	15.3	-86.09	-515.8	98.6	139.1	109.8	29.39	4.735		
5,800.0	5,754.9	5,783.6	5,742.3	15.4	15.5	-87.26	-526.4	104.5	145.7	115.8	29.93	4.869		
5,900.0	5,854.0	5,886.4	5,844.0	15.7	15.8	-88.30	-539.2	111.7	153.5	122.9	30.52	5.028		
6,000.0	5,953.4	5,989.4	5,946.5	15.9	16.1	-89.03	-548.7	117.0	159.3	128.3	31.05	5.131		
6,100.0	6,053.2	6,092.6	6,049.4	16.1	16.3	-89.49	-555.1	120.5	163.2	131.7	31.51	5.179		
6,200.0	6,153.1	6,195.8	6,152.6	16.3	16.5	-89.71	-558.2	122.3	165.1	133.2	31.91	5.175		
6,246.9	6,200.0	6,244.2	6,201.0	16.4	16.6	94.70	-558.5	122.5	165.3	133.3	32.06	5.156		
6,300.0	6,253.1	6,297.4	6,254.1	16.5	16.7	94.70	-558.5	122.5	165.3	133.1	32.24	5.128		
6,400.0	6,353.1	6,397.8	6,354.6	16.7	16.8	94.56	-558.1	122.5	165.3	132.7	32.58	5.074		
6,462.7	6,415.8	6,461.4	6,417.9	16.8	16.9	92.83	-553.1	122.4	164.9	132.1	32.82	5.025		
6,500.0	6,453.1	6,498.8	6,454.9	16.8	16.9	91.55	-547.6	122.4	164.8	131.8	32.98	4.996		
6,536.6	6,489.5	6,535.2	6,490.5	16.8	16.9	90.00	-540.3	122.4	164.7	131.6	33.07	4.980		
6,550.0	6,502.9	6,548.5	6,503.5	16.9	16.9	89.44	-537.2	122.4	164.7	131.6	33.10	4.976		
6,600.0	6,552.3	6,597.8	6,550.9	16.9	16.9	87.33	-523.7	122.3	164.9	131.7	33.16	4.972		
6,650.0	6,601.0	6,646.7	6,596.9	16.9	16.9	85.26	-507.0	122.2	165.3	132.1	33.15	4.985		
6,700.0	6,648.8	6,695.2	6,641.2	16.8	16.8	83.22	-487.4	122.1	165.9	132.8	33.09	5.013		
6,750.0	6,695.5	6,743.3	6,683.9	16.8	16.8	81.25	-465.1	122.0	166.7	133.7	32.96	5.056		
6,800.0	6,740.8	6,791.1	6,724.6	16.7	16.7	79.33	-440.1	121.8	167.6	134.8	32.79	5.113		
6,850.0	6,784.5	6,838.6	6,763.3	16.6	16.6	77.50	-412.7	121.7	168.7	136.2	32.57	5.182		
6,900.0	6,826.4	6,885.7	6,799.9	16.5	16.5	75.75	-383.0	121.6	170.0	137.7	32.31	5.261		
6,950.0	6,866.4	6,932.5	6,834.2	16.4	16.5	74.09	-351.1	121.4	171.3	139.3	32.03	5.349		
7,000.0	6,904.1	6,979.0	6,866.1	16.3	16.4	72.53	-317.3	121.2	172.7	141.0	31.74	5.443		
7,050.0	6,939.5	7,025.3	6,895.7	16.2	16.3	71.07	-281.7	121.0	174.2	142.8	31.44	5.540		
7,100.0	6,972.3	7,071.3	6,922.7	16.1	16.3	69.72	-244.5	120.8	175.7	144.5	31.17	5.636		
7,150.0	7,002.4	7,117.1	6,947.2	16.1	16.2	68.47	-205.8	120.6	177.1	146.2	30.92	5.728		
7,200.0	7,029.6	7,162.7	6,969.1	16.1	16.2	67.34	-165.8	120.4	178.6	147.8	30.73	5.811		
7,250.0	7,053.9	7,208.1	6,988.3	16.1	16.2	66.31	-124.7	120.2	179.9	149.3	30.60	5.881		
7,300.0	7,075.0	7,253.3	7,004.8	16.1	16.3	65.39	-82.6	120.0	181.2	150.7	30.54	5.933		
7,350.0	7,092.9	7,300.0	7,019.0	16.2	16.3	64.56	-38.2	119.8	182.4	151.8	30.59	5.964		
7,400.0	7,107.5	7,343.4	7,029.6	16.3	16.5	63.88	3.9	119.5	183.5	152.8	30.73	5.971		
7,450.0	7,118.8	7,388.2	7,037.8	16.5	16.7	63.29	47.9	119.3	184.4	153.4	30.99	5.952		
7,500.0	7,126.6	7,432.9	7,043.3	16.8	17.0	62.80	92.3	119.1	185.2	153.9	31.35	5.907		
7,550.0	7,131.0	7,477.6	7,046.0	17.0	17.3	62.42	136.9	118.8	185.8	154.0	31.84	5.837		
7,587.7	7,132.0	7,511.2	7,046.2	17.3	17.6	62.21	170.5	118.7	186.2	153.9	32.27	5.770		
7,600.0	7,132.0	7,522.9	7,045.9	17.4	17.7	62.13	182.2	118.6	186.3	153.9	32.43	5.746		
7,700.0	7,132.0	7,622.9	7,043.4	18.2	18.6	61.46	282.1	118.1	187.5	153.7	33.85	5.541		
7,800.0	7,132.0	7,722.8	7,040.9	19.1	19.7	60.80	382.1	117.6	188.7	153.2	35.51	5.315		
7,900.0	7,132.0	7,822.8	7,038.5	20.2	20.8	60.15	482.0	117.1	189.9	152.6	37.38	5.082		
8,000.0	7,132.0	7,922.8	7,036.0	21.4	22.1	59.51	582.0	116.5	191.2	151.8	39.42	4.851		
8,100.0	7,132.0	8,022.7	7,033.5	22.7	23.5	58.87	681.9	116.0	192.5	150.9	41.60	4.627		
8,200.0	7,132.0	8,122.7	7,031.0	24.1	24.9	58.25	781.8	115.5	193.8	149.9	43.88	4.416		
8,300.0	7,132.0	8,222.7	7,028.6	25.5	26.5	57.63	881.8	115.0	195.1	148.8	46.25	4.218		
8,400.0	7,132.0	8,322.7	7,026.1	27.1	28.0	57.02	981.7	114.5	196.4	147.7	48.69	4.035		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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		
8,500.0	7,132.0	8,422.6	7,023.6	28.6	29.6	56.42	1,081.6	113.9	197.8	146.6	51.17	3.865		
8,600.0	7,132.0	8,522.6	7,021.1	30.2	31.2	55.82	1,181.6	113.4	199.2	145.5	53.69	3.710		
8,700.0	7,132.0	8,622.6	7,018.7	31.9	32.9	55.24	1,281.5	112.9	200.6	144.3	56.24	3.567		
8,800.0	7,132.0	8,722.5	7,016.2	33.5	34.6	54.66	1,381.4	112.4	202.0	143.2	58.80	3.436		
8,900.0	7,132.0	8,822.5	7,013.7	35.2	36.3	54.10	1,481.4	111.9	203.5	142.1	61.37	3.315		
9,000.0	7,132.0	8,922.5	7,011.2	36.9	38.0	53.53	1,581.3	111.3	204.9	141.0	63.94	3.205		
9,100.0	7,132.0	9,022.4	7,008.7	38.7	39.8	52.98	1,681.3	110.8	206.4	139.9	66.51	3.103		
9,200.0	7,132.0	9,122.4	7,006.3	40.4	41.5	52.44	1,781.2	110.3	207.9	138.8	69.08	3.010		
9,300.0	7,132.0	9,222.4	7,003.8	42.2	43.3	51.90	1,881.1	109.8	209.4	137.8	71.64	2.924		
9,400.0	7,132.0	9,322.4	7,001.3	44.0	45.1	51.37	1,981.1	109.3	211.0	136.8	74.18	2.844		
9,500.0	7,132.0	9,422.3	6,998.8	45.8	46.9	50.85	2,081.0	108.7	212.5	135.8	76.72	2.771		
9,600.0	7,132.0	9,522.3	6,996.4	47.6	48.7	50.34	2,180.9	108.2	214.1	134.9	79.23	2.702		
9,700.0	7,132.0	9,622.3	6,993.9	49.4	50.5	49.83	2,280.9	107.7	215.7	134.0	81.73	2.639		
9,800.0	7,132.0	9,722.2	6,991.4	51.2	52.4	49.33	2,380.8	107.2	217.3	133.1	84.21	2.581		
9,900.0	7,132.0	9,822.2	6,988.9	53.0	54.2	48.84	2,480.8	106.7	219.0	132.3	86.67	2.526		
10,000.0	7,132.0	9,922.2	6,986.4	54.9	56.0	48.36	2,580.7	106.1	220.6	131.5	89.12	2.475		
10,100.0	7,132.0	10,022.1	6,984.0	56.7	57.9	47.88	2,680.6	105.6	222.3	130.7	91.54	2.428		
10,200.0	7,132.0	10,122.1	6,981.5	58.6	59.7	47.41	2,780.6	105.1	223.9	130.0	93.94	2.384		
10,300.0	7,132.0	10,222.1	6,979.0	60.4	61.6	46.95	2,880.5	104.6	225.6	129.3	96.32	2.342		
10,400.0	7,132.0	10,322.0	6,976.5	62.3	63.4	46.49	2,980.4	104.1	227.3	128.6	98.67	2.304		
10,500.0	7,132.0	10,422.0	6,974.1	64.1	65.3	46.05	3,080.4	103.5	229.0	128.0	101.01	2.267		
10,600.0	7,132.0	10,522.0	6,971.6	66.0	67.1	45.60	3,180.3	103.0	230.8	127.4	103.32	2.233		
10,700.0	7,132.0	10,622.0	6,969.1	67.9	69.0	45.17	3,280.3	102.5	232.5	126.9	105.61	2.202		
10,800.0	7,132.0	10,721.9	6,966.6	69.7	70.9	44.74	3,380.2	102.0	234.3	126.4	107.88	2.172		
10,900.0	7,132.0	10,821.9	6,964.1	71.6	72.8	44.32	3,480.1	101.5	236.0	125.9	110.13	2.143		
11,000.0	7,132.0	10,921.9	6,961.7	73.5	74.6	43.90	3,580.1	100.9	237.8	125.5	112.35	2.117		
11,100.0	7,132.0	11,021.8	6,959.2	75.4	76.5	43.49	3,680.0	100.4	239.6	125.1	114.55	2.092		
11,200.0	7,132.0	11,121.8	6,956.7	77.2	78.4	43.09	3,779.9	99.9	241.4	124.7	116.74	2.068		
11,300.0	7,132.0	11,221.8	6,954.2	79.1	80.3	42.69	3,879.9	99.4	243.2	124.3	118.90	2.046		
11,400.0	7,132.0	11,321.7	6,951.8	81.0	82.2	42.30	3,979.8	98.9	245.1	124.0	121.04	2.025		
11,500.0	7,132.0	11,421.7	6,949.3	82.9	84.0	41.91	4,079.8	98.3	246.9	123.7	123.16	2.005		
11,600.0	7,132.0	11,521.7	6,946.8	84.8	85.9	41.53	4,179.7	97.8	248.8	123.5	125.26	1.986		
11,642.6	7,132.0	11,555.0	6,946.0	85.6	86.6	41.40	4,213.0	97.6	249.7	123.6	126.10	1.980 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft		
Survey Program: 0-MWD													Matrix 29- Pad Sec.29-T6N-R65W - Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)		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	1.0	1.0	0.0	0.0	-120.64	-76.5	-129.1	150.1							
100.0	100.0	101.0	101.0	0.1	0.1	-120.64	-76.5	-129.1	150.1	149.9	0.23	661.153				
200.0	200.0	201.0	201.0	0.3	0.3	-120.64	-76.5	-129.1	150.1	149.4	0.68	221.849				
300.0	300.0	301.0	301.0	0.6	0.6	-120.64	-76.5	-129.1	150.1	149.0	1.13	133.286				
400.0	400.0	401.0	401.0	0.8	0.8	-120.64	-76.5	-129.1	150.1	148.5	1.58	95.259				
500.0	500.0	501.0	501.0	1.0	1.0	-120.64	-76.5	-129.1	150.1	148.1	2.03	74.114				
600.0	600.0	601.0	601.0	1.2	1.2	-120.64	-76.5	-129.1	150.1	147.6	2.47	60.651				
700.0	700.0	701.0	701.0	1.5	1.5	-120.64	-76.5	-129.1	150.1	147.2	2.92	51.327				
800.0	800.0	801.0	801.0	1.7	1.7	-120.64	-76.5	-129.1	150.1	146.7	3.37	44.488				
900.0	900.0	901.0	901.0	1.9	1.9	-120.64	-76.5	-129.1	150.1	146.3	3.82	39.257				
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	-120.64	-76.5	-129.1	150.1	145.8	4.27	35.127				
1,100.0	1,100.0	1,101.0	1,101.0	2.4	2.4	-120.64	-76.5	-129.1	150.1	145.4	4.72	31.783				
1,200.0	1,200.0	1,201.0	1,201.0	2.6	2.6	-120.64	-76.5	-129.1	150.1	144.9	5.17	29.021				
1,300.0	1,300.0	1,301.0	1,301.0	2.8	2.8	-120.64	-76.5	-129.1	150.1	144.5	5.62	26.700				
1,400.0	1,400.0	1,401.0	1,401.0	3.0	3.0	-120.64	-76.5	-129.1	150.1	144.0	6.07	24.723				
1,500.0	1,500.0	1,501.0	1,501.0	3.3	3.3	-120.64	-76.5	-129.1	150.1	143.6	6.52	23.018				
1,600.0	1,600.0	1,601.0	1,601.0	3.5	3.5	-120.64	-76.5	-129.1	150.1	143.1	6.97	21.534				
1,700.0	1,700.0	1,701.0	1,701.0	3.7	3.7	-120.64	-76.5	-129.1	150.1	142.7	7.42	20.229				
1,800.0	1,800.0	1,801.0	1,801.0	3.9	3.9	-120.64	-76.5	-129.1	150.1	142.2	7.87	19.074				
1,900.0	1,900.0	1,901.0	1,901.0	4.2	4.2	-120.64	-76.5	-129.1	150.1	141.8	8.32	18.043				
2,000.0	2,000.0	2,001.0	2,001.0	4.4	4.4	-120.64	-76.5	-129.1	150.1	141.3	8.77	17.118				
2,100.0	2,100.0	2,102.2	2,102.2	4.6	4.6	-121.32	-77.8	-127.9	149.7	140.5	9.19	16.280				
2,200.0	2,200.0	2,203.1	2,202.9	4.8	4.8	-123.34	-81.7	-124.1	148.6	139.0	9.60	15.479				
2,300.0	2,300.0	2,303.5	2,303.0	5.1	5.0	-126.74	-88.1	-118.0	147.2	137.2	10.02	14.700				
2,400.0	2,400.0	2,403.2	2,401.9	5.3	5.2	-131.51	-96.9	-109.5	146.2	135.8	10.45	13.995				
2,442.4	2,442.4	2,445.2	2,443.4	5.4	5.3	-133.94	-101.4	-105.2	146.1	135.4	10.64	13.712				
2,500.0	2,500.0	2,501.9	2,499.4	5.5	5.4	-137.60	-108.1	-98.7	146.4	135.5	10.90	13.433				
2,600.0	2,600.0	2,600.4	2,596.3	5.7	5.6	-144.19	-120.4	-86.8	148.5	137.1	11.37	13.067				
2,700.0	2,700.0	2,698.9	2,693.3	6.0	5.9	-150.52	-132.7	-75.0	152.6	140.8	11.84	12.886				
2,800.0	2,800.0	2,797.6	2,790.5	6.2	6.2	19.26	-145.0	-63.1	156.8	144.5	12.30	12.754				
2,900.0	2,899.8	2,896.5	2,888.0	6.3	6.5	14.13	-157.4	-51.2	159.2	146.5	12.71	12.528				
3,000.0	2,999.5	2,995.6	2,985.6	6.5	6.8	9.39	-169.7	-39.3	159.4	146.3	13.11	12.163				
3,100.0	3,098.7	3,094.8	3,083.2	6.7	7.1	4.80	-182.1	-27.3	157.2	143.7	13.49	11.659				
3,200.0	3,197.5	3,193.8	3,180.8	6.9	7.4	0.12	-194.5	-15.4	152.6	138.8	13.84	11.024				
3,220.0	3,217.1	3,213.6	3,200.2	6.9	7.5	-0.85	-197.0	-13.0	151.4	137.5	13.91	10.883				
3,300.0	3,295.8	3,292.8	3,278.2	7.1	7.7	-4.90	-206.9	-3.5	146.7	132.5	14.23	10.308				
3,400.0	3,394.2	3,391.7	3,375.7	7.3	8.1	-10.29	-219.2	8.4	142.0	127.4	14.63	9.707				
3,500.0	3,492.5	3,490.7	3,473.1	7.6	8.4	-15.99	-231.6	20.3	138.6	123.6	15.02	9.233				
3,600.0	3,590.9	3,589.6	3,570.6	7.8	8.8	-21.91	-243.9	32.2	136.7	121.3	15.41	8.876				
3,675.1	3,664.8	3,664.0	3,643.8	8.0	9.0	-26.43	-253.2	41.2	136.3	120.6	15.71	8.677 CC				
3,700.0	3,689.3	3,688.6	3,668.0	8.1	9.1	-27.92	-256.3	44.1	136.3	120.5	15.81	8.624 ES				
3,800.0	3,787.6	3,787.5	3,765.5	8.4	9.5	-33.90	-268.7	56.1	137.5	121.3	16.24	8.465				
3,900.0	3,886.0	3,886.5	3,862.9	8.7	9.8	-39.72	-281.0	68.0	140.1	123.4	16.72	8.383				
4,000.0	3,984.3	3,985.4	3,960.3	9.0	10.2	-45.28	-293.4	79.9	144.2	127.0	17.24	8.365				
4,100.0	4,082.7	4,084.3	4,057.8	9.3	10.6	-50.49	-305.7	91.8	149.5	131.7	17.81	8.397				
4,200.0	4,181.1	4,183.3	4,155.2	9.6	10.9	-55.31	-318.1	103.7	156.1	137.6	18.43	8.469				
4,300.0	4,279.4	4,282.2	4,252.7	10.0	11.3	-59.73	-330.4	115.6	163.6	144.5	19.08	8.573				
4,400.0	4,377.8	4,381.2	4,350.1	10.3	11.7	-63.73	-342.8	127.5	172.0	152.3	19.77	8.700				
4,500.0	4,476.1	4,480.1	4,447.6	10.7	12.0	-67.36	-355.2	139.4	181.2	160.7	20.49	8.846				
4,600.0	4,574.5	4,579.1	4,545.0	11.0	12.4	-70.62	-367.5	151.3	191.1	169.9	21.22	9.004				
4,700.0	4,672.8	4,678.0	4,642.5	11.4	12.8	-73.56	-379.9	163.3	201.5	179.5	21.97	9.172				
4,800.0	4,771.2	4,777.0	4,739.9	11.7	13.2	-76.21	-392.2	175.2	212.4	189.7	22.73	9.345				

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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		
4,900.0	4,869.6	4,875.9	4,837.4	12.1	13.6	-78.59	-404.6	187.1	223.7	200.2	23.49	9.523		
5,000.0	4,967.9	4,974.9	4,934.8	12.4	13.9	-80.75	-417.0	199.0	235.3	211.1	24.26	9.702		
5,100.0	5,066.3	5,073.8	5,032.2	12.8	14.3	-82.70	-429.3	210.9	247.3	222.3	25.03	9.881		
5,200.0	5,164.6	5,172.7	5,129.7	13.2	14.7	-84.47	-441.7	222.8	259.5	233.7	25.80	10.058		
5,300.0	5,263.0	5,271.7	5,227.1	13.5	15.1	-86.08	-454.0	234.7	271.9	245.4	26.57	10.234		
5,400.0	5,361.3	5,370.6	5,324.6	13.9	15.5	-87.55	-466.4	246.6	284.6	257.2	27.34	10.406		
5,500.0	5,459.7	5,469.6	5,422.0	14.3	15.9	-88.89	-478.8	258.5	297.3	269.2	28.12	10.575		
5,600.0	5,558.1	5,568.5	5,519.5	14.7	16.3	-90.13	-491.1	270.5	310.3	281.4	28.89	10.741		
5,700.0	5,656.4	5,667.5	5,616.9	15.0	16.7	-91.26	-503.5	282.4	323.4	293.7	29.66	10.902		
5,726.9	5,682.9	5,694.1	5,643.1	15.1	16.8	-91.55	-506.8	285.6	326.9	297.0	29.87	10.945		
5,800.0	5,754.9	5,766.5	5,714.4	15.4	17.0	-92.34	-515.8	294.3	336.5	306.1	30.40	11.068		
5,900.0	5,854.0	5,865.6	5,812.0	15.7	17.4	-92.87	-528.2	306.2	349.6	318.5	31.04	11.261		
6,000.0	5,953.4	5,964.7	5,909.7	15.9	17.8	-92.82	-540.6	318.2	362.5	330.8	31.61	11.465		
6,100.0	6,053.2	6,063.8	6,007.2	16.1	18.2	-92.26	-553.0	330.1	375.2	343.1	32.12	11.682		
6,200.0	6,153.1	6,162.6	6,104.5	16.3	18.6	-91.23	-565.3	342.0	388.0	355.4	32.55	11.919		
6,246.9	6,200.0	6,208.8	6,150.0	16.4	18.8	93.83	-571.1	347.5	394.0	361.3	32.71	12.047		
6,300.0	6,253.1	6,263.0	6,203.5	16.5	19.0	94.59	-576.8	354.1	400.8	368.0	32.88	12.192		
6,400.0	6,353.1	6,367.3	6,307.0	16.7	19.2	94.44	-576.7	366.6	412.9	379.6	33.23	12.426		
6,462.7	6,415.8	6,431.8	6,370.6	16.8	19.3	93.31	-569.1	374.3	419.9	386.4	33.48	12.542		
6,500.0	6,453.1	6,469.6	6,407.4	16.8	19.3	92.40	-561.9	378.8	424.0	390.4	33.66	12.596		
6,550.0	6,502.9	6,519.8	6,455.6	16.9	19.4	90.81	-549.5	384.6	429.7	395.9	33.83	12.703		
6,600.0	6,552.3	6,569.4	6,502.3	16.9	19.4	89.26	-533.8	390.1	435.5	401.6	33.93	12.835		
6,650.0	6,601.0	6,618.4	6,547.4	16.9	19.3	87.75	-515.2	395.5	441.4	407.4	33.98	12.990		
6,700.0	6,648.8	6,667.0	6,590.6	16.8	19.3	86.29	-493.7	400.6	447.3	413.3	33.97	13.166		
6,750.0	6,695.5	6,715.0	6,631.9	16.8	19.3	84.88	-469.6	405.5	453.1	419.2	33.91	13.362		
6,800.0	6,740.8	6,762.6	6,671.1	16.7	19.2	83.53	-443.0	410.1	459.0	425.2	33.81	13.575		
6,850.0	6,784.5	6,809.8	6,708.1	16.6	19.1	82.24	-414.1	414.5	464.7	431.0	33.67	13.802		
6,900.0	6,826.4	6,856.6	6,742.9	16.5	19.0	81.01	-383.1	418.5	470.3	436.8	33.50	14.039		
6,950.0	6,866.4	6,903.0	6,775.4	16.4	19.0	79.84	-350.2	422.3	475.8	442.5	33.31	14.281		
7,000.0	6,904.1	6,950.0	6,806.0	16.3	18.9	78.73	-314.7	425.8	481.0	447.9	33.12	14.524		
7,050.0	6,939.5	6,994.7	6,833.0	16.2	18.8	77.71	-279.2	428.9	486.0	453.1	32.93	14.758		
7,100.0	6,972.3	7,040.1	6,858.1	16.1	18.7	76.75	-241.5	431.8	490.7	457.9	32.76	14.978		
7,150.0	7,002.4	7,085.2	6,880.6	16.1	18.6	75.86	-202.4	434.3	495.1	462.5	32.62	15.176		
7,200.0	7,029.6	7,130.1	6,900.5	16.1	18.5	75.04	-162.3	436.5	499.2	466.6	32.54	15.342		
7,250.0	7,053.9	7,174.7	6,917.8	16.1	18.4	74.29	-121.3	438.4	502.9	470.4	32.51	15.468		
7,300.0	7,075.0	7,219.1	6,932.5	16.1	18.3	73.60	-79.4	439.9	506.2	473.6	32.56	15.547		
7,350.0	7,092.9	7,263.3	6,944.5	16.2	18.2	72.99	-36.9	441.1	509.1	476.4	32.69	15.572		
7,400.0	7,107.5	7,307.3	6,953.9	16.3	18.2	72.45	6.1	442.0	511.5	478.6	32.92	15.540		
7,450.0	7,118.8	7,350.0	6,960.4	16.5	18.1	71.99	48.3	442.6	513.5	480.3	33.24	15.451		
7,500.0	7,126.6	7,394.8	6,964.6	16.8	18.1	71.59	92.9	442.9	515.0	481.4	33.67	15.295		
7,550.0	7,131.0	7,438.4	6,966.0	17.0	18.3	71.26	136.4	442.8	516.1	481.9	34.20	15.089		
7,587.7	7,132.0	7,475.3	6,965.8	17.3	18.6	71.11	173.4	442.6	516.4	481.7	34.71	14.879		
7,600.0	7,132.0	7,487.6	6,965.8	17.4	18.7	71.11	185.7	442.5	516.4	481.6	34.88	14.806		
7,700.0	7,132.0	7,587.6	6,965.3	18.2	19.7	71.05	285.7	441.9	516.5	480.1	36.47	14.164		
7,800.0	7,132.0	7,687.6	6,964.8	19.1	20.8	71.00	385.7	441.3	516.6	478.3	38.34	13.475		
7,900.0	7,132.0	7,787.6	6,964.3	20.2	21.9	70.95	485.7	440.7	516.7	476.2	40.45	12.773		
8,000.0	7,132.0	7,887.6	6,963.8	21.4	23.2	70.89	585.7	440.1	516.8	474.0	42.77	12.081		
8,100.0	7,132.0	7,987.6	6,963.3	22.7	24.6	70.84	685.7	439.4	516.8	471.6	45.28	11.415		
8,200.0	7,132.0	8,087.6	6,962.9	24.1	26.0	70.78	785.6	438.8	516.9	469.0	47.92	10.786		
8,300.0	7,132.0	8,187.6	6,962.4	25.5	27.5	70.73	885.6	438.2	517.0	466.3	50.70	10.198		
8,400.0	7,132.0	8,287.6	6,961.9	27.1	29.0	70.67	985.6	437.6	517.1	463.5	53.58	9.651		
8,500.0	7,132.0	8,387.6	6,961.4	28.6	30.5	70.62	1,085.6	437.0	517.2	460.6	56.54	9.146		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft		
Survey Program: 0-MWD													Matrix 29- Pad Sec.29-T6N-R65W - Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)		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				
8,600.0	7,132.0	8,487.6	6,960.9	30.2	32.1	70.57	1,185.6	436.4	517.2	457.7	59.58	8.681				
8,700.0	7,132.0	8,587.6	6,960.4	31.9	33.8	70.51	1,285.6	435.8	517.3	454.6	62.69	8.252				
8,800.0	7,132.0	8,687.6	6,959.9	33.5	35.4	70.46	1,385.6	435.2	517.4	451.6	65.85	7.858				
8,900.0	7,132.0	8,787.6	6,959.4	35.2	37.1	70.40	1,485.6	434.6	517.5	448.4	69.05	7.494				
9,000.0	7,132.0	8,887.6	6,958.9	36.9	38.8	70.35	1,585.6	433.9	517.6	445.3	72.30	7.159				
9,100.0	7,132.0	8,987.6	6,958.5	38.7	40.5	70.29	1,685.6	433.3	517.6	442.1	75.58	6.849				
9,200.0	7,132.0	9,087.6	6,958.0	40.4	42.2	70.24	1,785.6	432.7	517.7	438.8	78.89	6.563				
9,300.0	7,132.0	9,187.6	6,957.5	42.2	44.0	70.19	1,885.6	432.1	517.8	435.6	82.22	6.298				
9,400.0	7,132.0	9,287.6	6,957.0	44.0	45.8	70.13	1,985.6	431.5	517.9	432.3	85.58	6.052				
9,500.0	7,132.0	9,387.6	6,956.5	45.8	47.5	70.08	2,085.6	430.9	518.0	429.0	88.96	5.823				
9,600.0	7,132.0	9,487.6	6,956.0	47.6	49.3	70.02	2,185.6	430.3	518.1	425.7	92.35	5.610				
9,700.0	7,132.0	9,587.6	6,955.5	49.4	51.1	69.97	2,285.6	429.7	518.2	422.4	95.76	5.411				
9,800.0	7,132.0	9,687.6	6,955.0	51.2	52.9	69.92	2,385.6	429.1	518.2	419.1	99.19	5.225				
9,900.0	7,132.0	9,787.6	6,954.5	53.0	54.7	69.86	2,485.6	428.4	518.3	415.7	102.62	5.051				
10,000.0	7,132.0	9,887.6	6,954.1	54.9	56.6	69.81	2,585.6	427.8	518.4	412.4	106.07	4.888				
10,100.0	7,132.0	9,987.6	6,953.6	56.7	58.4	69.75	2,685.6	427.2	518.5	409.0	109.52	4.734				
10,200.0	7,132.0	10,087.6	6,953.1	58.6	60.2	69.70	2,785.6	426.6	518.6	405.6	112.99	4.590				
10,300.0	7,132.0	10,187.6	6,952.6	60.4	62.1	69.65	2,885.6	426.0	518.7	402.2	116.46	4.454				
10,400.0	7,132.0	10,287.6	6,952.1	62.3	63.9	69.59	2,985.6	425.4	518.8	398.8	119.93	4.326				
10,500.0	7,132.0	10,387.6	6,951.6	64.1	65.7	69.54	3,085.6	424.8	518.9	395.5	123.42	4.204				
10,600.0	7,132.0	10,487.6	6,951.1	66.0	67.6	69.48	3,185.6	424.2	519.0	392.1	126.90	4.089				
10,700.0	7,132.0	10,587.6	6,950.6	67.9	69.5	69.43	3,285.6	423.6	519.0	388.7	130.40	3.981				
10,800.0	7,132.0	10,687.6	6,950.1	69.7	71.3	69.38	3,385.6	423.0	519.1	385.2	133.89	3.877				
10,900.0	7,132.0	10,787.6	6,949.7	71.6	73.2	69.32	3,485.6	422.3	519.2	381.8	137.39	3.779				
11,000.0	7,132.0	10,887.6	6,949.2	73.5	75.0	69.27	3,585.6	421.7	519.3	378.4	140.89	3.686				
11,100.0	7,132.0	10,987.6	6,948.7	75.4	76.9	69.22	3,685.6	421.1	519.4	375.0	144.40	3.597				
11,200.0	7,132.0	11,087.6	6,948.2	77.2	78.8	69.16	3,785.6	420.5	519.5	371.6	147.91	3.512				
11,300.0	7,132.0	11,187.6	6,947.7	79.1	80.7	69.11	3,885.6	419.9	519.6	368.2	151.42	3.432				
11,400.0	7,132.0	11,287.6	6,947.2	81.0	82.5	69.05	3,985.6	419.3	519.7	364.8	154.93	3.354				
11,500.0	7,132.0	11,387.6	6,946.7	82.9	84.4	69.00	4,085.6	418.7	519.8	361.4	158.44	3.281				
11,553.4	7,132.0	11,441.0	6,946.5	83.9	85.4	68.97	4,138.9	418.3	519.8	359.5	160.31	3.243				
11,600.0	7,132.0	11,482.7	6,946.3	84.8	86.2	68.95	4,180.6	418.1	519.9	358.0	161.87	3.212				
11,642.6	7,132.0	11,482.7	6,946.3	85.6	86.2	68.95	4,180.6	418.1	522.1	359.5	162.63	3.210 SF				

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference				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	1.0	1.0	0.0	0.0	-120.68	-68.9	-116.1	134.9					
100.0	100.0	101.0	101.0	0.1	0.1	-120.68	-68.9	-116.1	134.9	134.7	0.23	594.440		
200.0	200.0	201.0	201.0	0.3	0.3	-120.68	-68.9	-116.1	134.9	134.3	0.68	199.463		
300.0	300.0	301.0	301.0	0.6	0.6	-120.68	-68.9	-116.1	134.9	133.8	1.13	119.837		
400.0	400.0	401.0	401.0	0.8	0.8	-120.68	-68.9	-116.1	134.9	133.4	1.58	85.647		
500.0	500.0	501.0	501.0	1.0	1.0	-120.68	-68.9	-116.1	134.9	132.9	2.03	66.635		
600.0	600.0	601.0	601.0	1.2	1.2	-120.68	-68.9	-116.1	134.9	132.5	2.47	54.531		
700.0	700.0	701.0	701.0	1.5	1.5	-120.68	-68.9	-116.1	134.9	132.0	2.92	46.148		
800.0	800.0	801.0	801.0	1.7	1.7	-120.68	-68.9	-116.1	134.9	131.6	3.37	39.999		
900.0	900.0	901.0	901.0	1.9	1.9	-120.68	-68.9	-116.1	134.9	131.1	3.82	35.296		
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	-120.68	-68.9	-116.1	134.9	130.7	4.27	31.583		
1,100.0	1,100.0	1,101.0	1,101.0	2.4	2.4	-120.68	-68.9	-116.1	134.9	130.2	4.72	28.576		
1,200.0	1,200.0	1,201.0	1,201.0	2.6	2.6	-120.68	-68.9	-116.1	134.9	129.8	5.17	26.092		
1,300.0	1,300.0	1,301.0	1,301.0	2.8	2.8	-120.68	-68.9	-116.1	134.9	129.3	5.62	24.006		
1,400.0	1,400.0	1,401.0	1,401.0	3.0	3.0	-120.68	-68.9	-116.1	134.9	128.9	6.07	22.228		
1,500.0	1,500.0	1,501.0	1,501.0	3.3	3.3	-120.68	-68.9	-116.1	134.9	128.4	6.52	20.696		
1,600.0	1,600.0	1,601.0	1,601.0	3.5	3.5	-120.68	-68.9	-116.1	134.9	128.0	6.97	19.361		
1,700.0	1,700.0	1,701.0	1,701.0	3.7	3.7	-120.68	-68.9	-116.1	134.9	127.5	7.42	18.188		
1,800.0	1,800.0	1,801.0	1,801.0	3.9	3.9	-120.68	-68.9	-116.1	134.9	127.1	7.87	17.149		
1,900.0	1,900.0	1,902.9	1,902.9	4.2	4.1	-121.41	-69.9	-114.6	134.2	125.9	8.30	16.174		
2,000.0	2,000.0	2,004.5	2,004.3	4.4	4.3	-123.58	-73.1	-110.1	132.2	123.5	8.71	15.180		
2,100.0	2,100.0	2,105.6	2,105.0	4.6	4.5	-127.31	-78.4	-102.8	129.4	120.2	9.13	14.163		
2,200.0	2,200.0	2,205.9	2,204.6	4.8	4.7	-132.72	-85.7	-92.8	126.3	116.7	9.57	13.194		
2,300.0	2,300.0	2,305.3	2,302.7	5.1	5.0	-139.86	-94.9	-80.0	124.1	114.1	10.04	12.365		
2,351.8	2,351.8	2,356.3	2,352.8	5.2	5.1	-144.20	-100.4	-72.4	123.7	113.5	10.29	12.025 CC, ES		
2,400.0	2,400.0	2,403.4	2,399.0	5.3	5.2	-148.58	-105.9	-64.7	124.1	113.6	10.53	11.792		
2,500.0	2,500.0	2,501.0	2,494.2	5.5	5.5	-158.07	-118.2	-47.6	127.6	116.6	11.03	11.568 SF		
2,600.0	2,600.0	2,598.6	2,589.5	5.7	5.9	-166.89	-130.6	-30.4	134.6	123.1	11.54	11.670		
2,700.0	2,700.0	2,696.2	2,684.8	6.0	6.2	-174.72	-143.0	-13.2	144.6	132.5	12.02	12.026		
2,800.0	2,800.0	2,794.0	2,780.2	6.2	6.6	-5.95	-155.4	4.0	155.2	142.7	12.50	12.413		
2,900.0	2,899.8	2,892.1	2,876.0	6.3	6.9	-12.05	-167.9	21.3	164.3	151.4	12.89	12.745		
3,000.0	2,999.5	2,990.3	2,971.8	6.5	7.3	-17.79	-180.4	38.6	171.9	158.6	13.26	12.963		
3,100.0	3,098.7	3,088.5	3,067.8	6.7	7.7	-23.43	-192.9	55.9	177.8	164.2	13.60	13.078		
3,200.0	3,197.5	3,186.7	3,163.6	6.9	8.1	-29.15	-205.3	73.1	182.5	168.5	13.92	13.106		
3,220.0	3,217.1	3,206.3	3,182.7	6.9	8.2	-30.32	-207.8	76.6	183.2	169.3	13.99	13.102		
3,300.0	3,295.8	3,284.8	3,259.3	7.1	8.5	-34.97	-217.8	90.4	186.9	172.6	14.28	13.088		
3,400.0	3,394.2	3,382.8	3,355.0	7.3	8.9	-40.49	-230.2	107.7	193.2	178.6	14.67	13.175		
3,500.0	3,492.5	3,480.9	3,450.7	7.6	9.4	-45.64	-242.7	124.9	201.3	186.2	15.08	13.348		
3,600.0	3,590.9	3,578.9	3,546.5	7.8	9.8	-50.36	-255.1	142.2	210.9	195.3	15.53	13.580		
3,700.0	3,689.3	3,677.0	3,642.2	8.1	10.2	-54.66	-267.6	159.5	221.8	205.7	16.01	13.849		
3,800.0	3,787.6	3,775.0	3,737.9	8.4	10.7	-58.54	-280.0	176.7	233.8	217.3	16.54	14.138		
3,900.0	3,886.0	3,873.1	3,833.6	8.7	11.1	-62.04	-292.5	194.0	246.8	229.7	17.10	14.436		
4,000.0	3,984.3	3,971.1	3,929.3	9.0	11.5	-65.19	-304.9	211.3	260.7	243.0	17.69	14.735		
4,100.0	4,082.7	4,069.2	4,025.0	9.3	12.0	-68.01	-317.4	228.5	275.3	256.9	18.32	15.029		
4,200.0	4,181.1	4,167.2	4,120.7	9.6	12.4	-70.55	-329.8	245.8	290.4	271.5	18.96	15.315		
4,300.0	4,279.4	4,265.3	4,216.4	10.0	12.9	-72.84	-342.3	263.0	306.1	286.5	19.63	15.591		
4,400.0	4,377.8	4,363.3	4,312.2	10.3	13.3	-74.91	-354.7	280.3	322.2	301.9	20.32	15.857		
4,500.0	4,476.1	4,461.4	4,407.9	10.7	13.8	-76.78	-367.2	297.6	338.7	317.7	21.02	16.112		
4,600.0	4,574.5	4,559.4	4,503.6	11.0	14.2	-78.47	-379.7	314.8	355.5	333.7	21.73	16.356		
4,700.0	4,672.8	4,657.5	4,599.3	11.4	14.7	-80.02	-392.1	332.1	372.6	350.1	22.46	16.589		
4,800.0	4,771.2	4,755.5	4,695.0	11.7	15.1	-81.42	-404.6	349.4	389.9	366.7	23.19	16.811		
4,900.0	4,869.6	4,853.6	4,790.7	12.1	15.6	-82.71	-417.0	366.6	407.4	383.5	23.93	17.023		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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			
5,000.0	4,967.9	4,951.6	4,886.4	12.4	16.0	-83.89	-429.5	383.9	425.1	400.5	24.68	17.226			
5,100.0	5,066.3	5,049.7	4,982.1	12.8	16.5	-84.98	-441.9	401.2	443.0	417.6	25.43	17.419			
5,200.0	5,164.6	5,147.7	5,077.9	13.2	17.0	-85.99	-454.4	418.4	461.0	434.9	26.19	17.603			
5,300.0	5,263.0	5,245.8	5,173.6	13.5	17.4	-86.92	-466.8	435.7	479.2	452.2	26.95	17.779			
5,400.0	5,361.3	5,343.8	5,269.3	13.9	17.9	-87.78	-479.3	452.9	497.5	469.7	27.72	17.947			
5,500.0	5,459.7	5,441.9	5,365.0	14.3	18.3	-88.58	-491.7	470.2	515.8	487.3	28.49	18.108			
5,600.0	5,558.1	5,539.9	5,460.7	14.7	18.8	-89.32	-504.2	487.5	534.3	505.0	29.26	18.262			
5,700.0	5,656.4	5,638.0	5,556.4	15.0	19.3	-90.02	-516.6	504.7	552.8	522.8	30.03	18.409			
5,726.9	5,682.9	5,664.4	5,582.2	15.1	19.4	-90.20	-520.0	509.4	557.8	527.6	30.24	18.447			
5,800.0	5,754.9	5,736.1	5,652.2	15.4	19.7	-90.85	-529.1	522.0	571.4	540.6	30.79	18.557			
5,900.0	5,854.0	5,834.3	5,748.1	15.7	20.2	-91.42	-541.6	539.3	590.0	558.5	31.46	18.753			
6,000.0	5,953.4	5,932.6	5,844.0	15.9	20.7	-91.64	-554.0	556.6	608.5	576.4	32.07	18.974			
6,100.0	6,053.2	6,030.7	5,939.8	16.1	21.1	-91.54	-566.5	573.9	626.9	594.3	32.61	19.222			
6,200.0	6,153.1	6,128.7	6,035.4	16.3	21.6	-91.16	-578.9	591.1	645.3	612.3	33.09	19.501			
6,246.9	6,200.0	6,174.5	6,080.1	16.4	21.8	93.55	-584.8	599.2	654.0	620.7	33.26	19.665			
6,300.0	6,253.1	6,226.3	6,130.7	16.5	22.0	94.07	-591.3	608.3	663.8	630.4	33.45	19.845			
6,400.0	6,353.1	6,324.0	6,226.0	16.7	22.5	95.03	-603.7	625.5	682.5	648.7	33.82	20.184			
6,462.7	6,415.8	6,388.7	6,289.3	16.8	22.8	95.55	-610.9	636.9	694.2	660.2	34.04	20.393			
6,500.0	6,453.1	6,429.1	6,329.0	16.8	22.9	95.48	-612.8	644.1	701.1	666.8	34.27	20.459			
6,550.0	6,502.9	6,483.5	6,382.5	16.9	23.1	94.96	-611.7	653.8	710.2	675.8	34.46	20.608			
6,600.0	6,552.3	6,538.2	6,436.1	16.9	23.2	94.42	-606.4	663.4	719.3	684.7	34.61	20.786			
6,650.0	6,601.0	6,593.2	6,489.4	16.9	23.3	93.86	-597.0	673.1	728.3	693.6	34.69	20.992			
6,700.0	6,648.8	6,648.5	6,542.1	16.8	23.4	93.29	-583.3	682.6	737.1	702.4	34.73	21.224			
6,750.0	6,695.5	6,704.0	6,593.9	16.8	23.4	92.70	-565.4	691.9	745.7	711.0	34.71	21.480			
6,800.0	6,740.8	6,759.8	6,644.3	16.7	23.4	92.11	-543.4	701.0	754.0	719.3	34.66	21.756			
6,850.0	6,784.5	6,815.8	6,693.1	16.6	23.4	91.51	-517.4	709.9	762.0	727.4	34.57	22.046			
6,900.0	6,826.4	6,872.0	6,739.8	16.5	23.4	90.90	-487.5	718.3	769.7	735.2	34.45	22.344			
6,950.0	6,866.4	6,928.3	6,784.3	16.4	23.3	90.30	-453.9	726.4	777.0	742.7	34.31	22.643			
7,000.0	6,904.1	6,984.7	6,826.0	16.3	23.3	89.70	-416.8	733.9	783.9	749.7	34.18	22.935			
7,050.0	6,939.5	7,041.1	6,864.8	16.2	23.2	89.11	-376.4	740.9	790.3	756.2	34.05	23.209			
7,100.0	6,972.3	7,097.6	6,900.4	16.1	23.1	88.52	-333.0	747.4	796.2	762.3	33.95	23.455			

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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	1.0	1.0	0.0	0.0	-120.66	-61.2	-103.3	120.0	120.0	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-120.66	-61.2	-103.3	120.0	119.8	0.23	528.717		
200.0	200.0	201.0	201.0	0.3	0.3	-120.66	-61.2	-103.3	120.0	119.3	0.68	177.410		
300.0	300.0	301.0	301.0	0.6	0.6	-120.66	-61.2	-103.3	120.0	118.9	1.13	106.588		
400.0	400.0	401.0	401.0	0.8	0.8	-120.66	-61.2	-103.3	120.0	118.5	1.58	76.177		
500.0	500.0	501.0	501.0	1.0	1.0	-120.66	-61.2	-103.3	120.0	118.0	2.03	59.268		
600.0	600.0	601.0	601.0	1.2	1.2	-120.66	-61.2	-103.3	120.0	117.6	2.47	48.502		
700.0	700.0	701.0	701.0	1.5	1.5	-120.66	-61.2	-103.3	120.0	117.1	2.92	41.046		
800.0	800.0	801.0	801.0	1.7	1.7	-120.66	-61.2	-103.3	120.0	116.7	3.37	35.577		
900.0	900.0	901.0	901.0	1.9	1.9	-120.66	-61.2	-103.3	120.0	116.2	3.82	31.394		
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	-120.66	-61.2	-103.3	120.0	115.8	4.27	28.091		
1,100.0	1,100.0	1,101.0	1,101.0	2.4	2.4	-120.66	-61.2	-103.3	120.0	115.3	4.72	25.417		
1,200.0	1,200.0	1,201.0	1,201.0	2.6	2.6	-120.66	-61.2	-103.3	120.0	114.9	5.17	23.207		
1,300.0	1,300.0	1,301.0	1,301.0	2.8	2.8	-120.66	-61.2	-103.3	120.0	114.4	5.62	21.352		
1,400.0	1,400.0	1,401.0	1,401.0	3.0	3.0	-120.66	-61.2	-103.3	120.0	114.0	6.07	19.771		
1,500.0	1,500.0	1,501.0	1,501.0	3.3	3.3	-120.66	-61.2	-103.3	120.0	113.5	6.52	18.408		
1,600.0	1,600.0	1,601.0	1,601.0	3.5	3.5	-120.66	-61.2	-103.3	120.0	113.1	6.97	17.221		
1,700.0	1,700.0	1,703.1	1,703.1	3.7	3.7	-121.43	-62.1	-101.6	119.1	111.7	7.40	16.096		
1,800.0	1,800.0	1,804.9	1,804.7	3.9	3.9	-123.79	-64.8	-96.9	116.7	108.8	7.82	14.920		
1,900.0	1,900.0	1,906.2	1,905.6	4.2	4.1	-127.90	-69.3	-89.1	113.0	104.7	8.25	13.700		
2,000.0	2,000.0	2,006.7	2,005.3	4.4	4.3	-133.99	-75.5	-78.3	108.9	100.2	8.69	12.524		
2,100.0	2,100.0	2,106.2	2,103.6	4.6	4.6	-142.26	-83.4	-64.6	105.5	96.3	9.16	11.513		
2,177.9	2,177.9	2,182.9	2,178.9	4.8	4.8	-150.16	-90.6	-52.0	104.5	94.9	9.55	10.935 CC		
2,200.0	2,200.0	2,204.5	2,200.0	4.8	4.8	-152.59	-92.8	-48.1	104.6	94.9	9.66	10.819 ES		
2,300.0	2,300.0	2,301.4	2,294.4	5.1	5.1	-164.31	-103.7	-29.1	107.9	97.8	10.18	10.600 SF		
2,400.0	2,400.0	2,397.2	2,386.9	5.3	5.5	-176.17	-116.0	-7.8	117.1	106.4	10.69	10.948		
2,500.0	2,500.0	2,493.6	2,479.9	5.5	5.9	173.59	-128.7	14.5	131.3	120.1	11.18	11.745		
2,600.0	2,600.0	2,590.0	2,572.8	5.7	6.3	165.46	-141.5	36.7	148.9	137.2	11.63	12.802		
2,700.0	2,700.0	2,686.4	2,665.7	6.0	6.8	159.09	-154.2	58.9	168.8	156.8	12.06	13.995		
2,800.0	2,800.0	2,782.9	2,758.8	6.2	7.2	-30.42	-167.0	81.2	189.0	176.4	12.55	15.053		
2,900.0	2,899.8	2,879.8	2,852.2	6.3	7.7	-35.00	-179.8	103.5	207.5	194.6	12.92	16.066		
3,000.0	2,999.5	2,976.8	2,945.8	6.5	8.2	-39.32	-192.7	125.9	224.7	211.4	13.27	16.931		
3,100.0	3,098.7	3,073.9	3,039.3	6.7	8.7	-43.54	-205.5	148.3	240.5	226.9	13.62	17.666		
3,200.0	3,197.5	3,170.9	3,132.8	6.9	9.2	-47.75	-218.3	170.6	255.3	241.4	13.96	18.284		
3,220.0	3,217.1	3,190.2	3,151.5	6.9	9.3	-48.59	-220.9	175.1	258.2	244.1	14.04	18.394		
3,300.0	3,295.8	3,267.8	3,226.2	7.1	9.7	-52.01	-231.1	193.0	270.1	255.7	14.35	18.817		
3,400.0	3,394.2	3,364.7	3,319.6	7.3	10.2	-55.88	-244.0	215.3	286.1	271.4	14.78	19.365		
3,500.0	3,492.5	3,461.5	3,413.0	7.6	10.7	-59.34	-256.8	237.7	303.4	288.2	15.24	19.914		
3,600.0	3,590.9	3,558.4	3,506.4	7.8	11.2	-62.43	-269.6	260.0	321.6	305.9	15.73	20.447		
3,700.0	3,689.3	3,655.3	3,599.8	8.1	11.7	-65.18	-282.4	282.3	340.7	324.4	16.26	20.954		
3,800.0	3,787.6	3,752.2	3,693.2	8.4	12.3	-67.65	-295.2	304.7	360.5	343.7	16.82	21.430		
3,900.0	3,886.0	3,849.0	3,786.6	8.7	12.8	-69.86	-308.0	327.0	380.8	363.4	17.41	21.873		
4,000.0	3,984.3	3,945.9	3,880.0	9.0	13.3	-71.85	-320.9	349.4	401.7	383.7	18.03	22.284		
4,100.0	4,082.7	4,042.8	3,973.4	9.3	13.9	-73.65	-333.7	371.7	423.0	404.3	18.66	22.663		
4,200.0	4,181.1	4,139.7	4,066.7	9.6	14.4	-75.27	-346.5	394.0	444.6	425.3	19.32	23.012		
4,300.0	4,279.4	4,236.5	4,160.1	10.0	14.9	-76.75	-359.3	416.4	466.6	446.6	20.00	23.334		
4,400.0	4,377.8	4,333.4	4,253.5	10.3	15.5	-78.09	-372.1	438.7	488.8	468.1	20.69	23.631		
4,500.0	4,476.1	4,430.3	4,346.9	10.7	16.0	-79.32	-384.9	461.0	511.3	489.9	21.39	23.904		
4,600.0	4,574.5	4,527.2	4,440.3	11.0	16.5	-80.44	-397.8	483.4	534.0	511.9	22.10	24.157		
4,700.0	4,672.8	4,624.0	4,533.7	11.4	17.1	-81.47	-410.6	505.7	556.8	534.0	22.83	24.392		
4,800.0	4,771.2	4,720.9	4,627.1	11.7	17.6	-82.42	-423.4	528.1	579.8	556.3	23.56	24.609		
4,900.0	4,869.6	4,817.8	4,720.5	12.1	18.2	-83.30	-436.2	550.4	603.0	578.7	24.30	24.811		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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			
5,000.0	4,967.9	4,914.7	4,813.9	12.4	18.7	-84.12	-449.0	572.7	626.3	601.2	25.05	24.999			
5,100.0	5,066.3	5,011.6	4,907.3	12.8	19.3	-84.88	-461.8	595.1	649.7	623.9	25.81	25.175			
5,200.0	5,164.6	5,108.4	5,000.7	13.2	19.8	-85.58	-474.6	617.4	673.2	646.6	26.57	25.339			
5,300.0	5,263.0	5,205.3	5,094.1	13.5	20.4	-86.24	-487.5	639.8	696.7	669.4	27.33	25.493			
5,400.0	5,361.3	5,302.2	5,187.4	13.9	20.9	-86.85	-500.3	662.1	720.4	692.3	28.10	25.637			
5,500.0	5,459.7	5,399.1	5,280.8	14.3	21.5	-87.43	-513.1	684.4	744.1	715.3	28.87	25.773			
5,600.0	5,558.1	5,495.9	5,374.2	14.7	22.0	-87.97	-525.9	706.8	768.0	738.3	29.65	25.901			
5,700.0	5,656.4	5,592.8	5,467.6	15.0	22.5	-88.48	-538.7	729.1	791.8	761.4	30.43	26.021			
5,726.9	5,682.9	5,618.9	5,492.7	15.1	22.7	-88.61	-542.2	735.1	798.3	767.6	30.64	26.052			

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference				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	1.0	1.0	0.0	0.0	-120.63	-53.6	-90.4	105.1	105.1	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-120.63	-53.6	-90.4	105.1	104.9	0.23	463.022		
200.0	200.0	201.0	201.0	0.3	0.3	-120.63	-53.6	-90.4	105.1	104.4	0.68	155.366		
300.0	300.0	301.0	301.0	0.6	0.6	-120.63	-53.6	-90.4	105.1	104.0	1.13	93.344		
400.0	400.0	401.0	401.0	0.8	0.8	-120.63	-53.6	-90.4	105.1	103.5	1.58	66.712		
500.0	500.0	501.0	501.0	1.0	1.0	-120.63	-53.6	-90.4	105.1	103.1	2.03	51.904		
600.0	600.0	601.0	601.0	1.2	1.2	-120.63	-53.6	-90.4	105.1	102.6	2.47	42.475		
700.0	700.0	701.0	701.0	1.5	1.5	-120.63	-53.6	-90.4	105.1	102.2	2.92	35.946		
800.0	800.0	801.0	801.0	1.7	1.7	-120.63	-53.6	-90.4	105.1	101.7	3.37	31.156		
900.0	900.0	901.0	901.0	1.9	1.9	-120.63	-53.6	-90.4	105.1	101.3	3.82	27.493		
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	-120.63	-53.6	-90.4	105.1	100.8	4.27	24.600		
1,100.0	1,100.0	1,101.0	1,101.0	2.4	2.4	-120.63	-53.6	-90.4	105.1	100.4	4.72	22.259		
1,200.0	1,200.0	1,201.0	1,201.0	2.6	2.6	-120.63	-53.6	-90.4	105.1	99.9	5.17	20.324		
1,300.0	1,300.0	1,301.0	1,301.0	2.8	2.8	-120.63	-53.6	-90.4	105.1	99.5	5.62	18.699		
1,400.0	1,400.0	1,401.0	1,401.0	3.0	3.0	-120.63	-53.6	-90.4	105.1	99.0	6.07	17.314		
1,500.0	1,500.0	1,502.9	1,502.9	3.3	3.2	-121.50	-54.4	-88.8	104.2	97.7	6.50	16.019		
1,600.0	1,600.0	1,604.6	1,604.4	3.5	3.4	-124.15	-57.0	-84.0	101.6	94.6	6.92	14.672		
1,700.0	1,700.0	1,705.7	1,705.1	3.7	3.6	-128.82	-61.2	-76.0	97.7	90.3	7.35	13.288		
1,800.0	1,800.0	1,806.1	1,804.7	3.9	3.9	-135.84	-67.0	-65.1	93.5	85.7	7.80	11.981		
1,900.0	1,900.0	1,905.5	1,902.8	4.2	4.1	-145.48	-74.4	-51.1	90.3	82.0	8.28	10.904		
1,956.9	1,956.9	1,961.5	1,957.9	4.3	4.3	-152.08	-79.2	-42.0	89.7	81.1	8.57	10.464 CC, ES		
2,000.0	2,000.0	2,003.6	1,999.2	4.4	4.4	-157.50	-83.2	-34.5	90.1	81.3	8.79	10.253		
2,100.0	2,100.0	2,100.0	2,093.1	4.6	4.7	-170.72	-93.4	-15.3	95.0	85.7	9.30	10.211 SF		
2,200.0	2,200.0	2,195.5	2,185.3	4.8	5.1	176.44	-104.9	6.5	106.3	96.5	9.80	10.848		
2,300.0	2,300.0	2,291.3	2,277.4	5.1	5.5	165.64	-117.4	30.1	123.5	113.2	10.26	12.034		
2,400.0	2,400.0	2,387.4	2,369.6	5.3	6.0	157.55	-129.9	53.7	144.0	133.3	10.70	13.463		
2,500.0	2,500.0	2,483.4	2,461.9	5.5	6.4	151.51	-142.5	77.3	166.7	155.6	11.13	14.982		
2,600.0	2,600.0	2,579.5	2,554.1	5.7	6.9	146.93	-155.0	100.9	190.8	179.2	11.56	16.507		
2,700.0	2,700.0	2,675.5	2,646.4	6.0	7.4	143.37	-167.5	124.5	215.7	203.8	11.99	17.994		
2,800.0	2,800.0	2,771.8	2,738.8	6.2	7.9	-43.84	-180.0	148.2	240.1	227.6	12.51	19.197		
2,900.0	2,899.8	2,868.2	2,831.5	6.3	8.4	-46.60	-192.6	171.9	262.7	249.8	12.89	20.383		
3,000.0	2,999.5	2,964.9	2,924.3	6.5	9.0	-49.41	-205.2	195.7	283.7	270.5	13.26	21.392		
3,100.0	3,098.7	3,061.6	3,017.2	6.7	9.5	-52.31	-217.8	219.5	303.4	289.7	13.64	22.246		
3,200.0	3,197.5	3,158.2	3,110.0	6.9	10.0	-55.31	-230.4	243.2	321.9	307.9	14.02	22.956		
3,220.0	3,217.1	3,177.4	3,128.5	6.9	10.2	-55.93	-232.9	248.0	325.5	311.4	14.10	23.081		
3,300.0	3,295.8	3,254.6	3,202.6	7.1	10.6	-58.52	-243.0	266.9	340.1	325.7	14.44	23.558		
3,400.0	3,394.2	3,351.1	3,295.3	7.3	11.1	-61.48	-255.5	290.7	359.4	344.5	14.89	24.133		
3,500.0	3,492.5	3,447.6	3,387.9	7.6	11.7	-64.13	-268.1	314.4	379.4	364.1	15.38	24.675		
3,600.0	3,590.9	3,544.1	3,480.6	7.8	12.2	-66.52	-280.7	338.1	400.2	384.3	15.90	25.177		
3,700.0	3,689.3	3,640.5	3,573.3	8.1	12.8	-68.68	-293.3	361.8	421.7	405.2	16.45	25.637		
3,800.0	3,787.6	3,737.0	3,665.9	8.4	13.3	-70.63	-305.8	385.6	443.6	426.6	17.03	26.056		
3,900.0	3,886.0	3,833.5	3,758.6	8.7	13.9	-72.40	-318.4	409.3	466.0	448.4	17.63	26.434		
4,000.0	3,984.3	3,930.0	3,851.3	9.0	14.5	-74.01	-331.0	433.0	488.8	470.5	18.26	26.775		
4,100.0	4,082.7	4,026.4	3,943.9	9.3	15.0	-75.48	-343.5	456.7	511.9	493.0	18.90	27.083		
4,200.0	4,181.1	4,122.9	4,036.6	9.6	15.6	-76.82	-356.1	480.5	535.4	515.8	19.57	27.361		
4,300.0	4,279.4	4,219.4	4,129.2	10.0	16.2	-78.05	-368.7	504.2	559.0	538.8	20.25	27.611		
4,400.0	4,377.8	4,315.9	4,221.9	10.3	16.7	-79.18	-381.3	527.9	582.9	562.0	20.94	27.837		
4,500.0	4,476.1	4,412.3	4,314.6	10.7	17.3	-80.22	-393.8	551.6	607.1	585.4	21.65	28.043		
4,600.0	4,574.5	4,508.8	4,407.2	11.0	17.9	-81.19	-406.4	575.4	631.3	609.0	22.37	28.229		
4,700.0	4,672.8	4,605.3	4,499.9	11.4	18.4	-82.08	-419.0	599.1	655.8	632.7	23.09	28.399		
4,800.0	4,771.2	4,701.7	4,592.5	11.7	19.0	-82.91	-431.6	622.8	680.4	656.5	23.83	28.554		
4,900.0	4,869.6	4,798.2	4,685.2	12.1	19.6	-83.68	-444.1	646.5	705.1	680.5	24.57	28.696		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	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	
5,000.0	4,967.9	4,894.7	4,777.9	12.4	20.1	-84.40	-456.7	670.3	729.9	704.6	25.32	28.826	
5,100.0	5,066.3	4,991.2	4,870.5	12.8	20.7	-85.07	-469.3	694.0	754.8	728.8	26.08	28.946	
5,200.0	5,164.6	5,087.6	4,963.2	13.2	21.3	-85.70	-481.8	717.7	779.8	753.0	26.84	29.056	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft		
Survey Program: 0-MWD													Matrix 29- Pad Sec.29-T6N-R65W - Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)		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	-45.9	-77.4	90.0							
100.0	100.0	100.0	100.0	0.1	0.1	-120.69	-45.9	-77.4	90.0	89.7	0.22	400.262				
200.0	200.0	200.0	200.0	0.3	0.3	-120.69	-45.9	-77.4	90.0	89.3	0.67	133.421				
300.0	300.0	300.0	300.0	0.6	0.6	-120.69	-45.9	-77.4	90.0	88.8	1.12	80.052				
400.0	400.0	400.0	400.0	0.8	0.8	-120.69	-45.9	-77.4	90.0	88.4	1.57	57.180				
500.0	500.0	500.0	500.0	1.0	1.0	-120.69	-45.9	-77.4	90.0	87.9	2.02	44.474				
600.0	600.0	600.0	600.0	1.2	1.2	-120.69	-45.9	-77.4	90.0	87.5	2.47	36.387				
700.0	700.0	700.0	700.0	1.5	1.5	-120.69	-45.9	-77.4	90.0	87.0	2.92	30.789				
800.0	800.0	800.0	800.0	1.7	1.7	-120.69	-45.9	-77.4	90.0	86.6	3.37	26.684				
900.0	900.0	900.0	900.0	1.9	1.9	-120.69	-45.9	-77.4	90.0	86.1	3.82	23.545				
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-120.69	-45.9	-77.4	90.0	85.7	4.27	21.066				
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-120.69	-45.9	-77.4	90.0	85.2	4.72	19.060				
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-120.69	-45.9	-77.4	90.0	84.8	5.17	17.403				
1,300.0	1,300.0	1,301.7	1,301.7	2.8	2.8	-121.66	-46.7	-75.8	89.0	83.4	5.60	15.889				
1,400.0	1,400.0	1,403.1	1,402.9	3.0	3.0	-124.71	-49.1	-70.9	86.3	80.3	6.02	14.336				
1,500.0	1,500.0	1,504.0	1,503.5	3.3	3.2	-130.16	-53.1	-62.9	82.4	76.0	6.45	12.771				
1,600.0	1,600.0	1,604.2	1,602.9	3.5	3.4	-138.49	-58.6	-51.9	78.4	71.4	6.91	11.339				
1,700.0	1,700.0	1,703.4	1,700.8	3.7	3.7	-149.99	-65.6	-37.9	75.8	68.4	7.39	10.248				
1,726.0	1,726.0	1,729.0	1,726.0	3.8	3.8	-153.47	-67.7	-33.8	75.6	68.1	7.53	10.046	CC, ES			
1,800.0	1,800.0	1,801.4	1,797.0	3.9	4.0	-164.09	-74.0	-21.1	77.0	69.1	7.90	9.745	SF			
1,900.0	1,900.0	1,898.0	1,891.1	4.2	4.3	-178.85	-83.7	-1.7	84.2	75.8	8.41	10.015				
2,000.0	2,000.0	1,992.9	1,982.9	4.4	4.7	167.96	-94.6	20.2	98.3	89.4	8.88	11.064				
2,100.0	2,100.0	2,086.7	2,072.7	4.6	5.1	157.41	-106.7	44.4	118.8	109.4	9.33	12.735				
2,200.0	2,200.0	2,182.2	2,163.7	4.8	5.6	149.67	-119.4	69.9	143.1	133.3	9.76	14.661				
2,300.0	2,300.0	2,277.6	2,254.8	5.1	6.1	144.18	-132.2	95.4	169.2	159.0	10.19	16.605				
2,400.0	2,400.0	2,373.0	2,345.9	5.3	6.6	140.16	-144.9	120.9	196.3	185.7	10.62	18.485				
2,500.0	2,500.0	2,468.5	2,437.0	5.5	7.2	137.12	-157.6	146.4	224.2	213.1	11.06	20.268				
2,600.0	2,600.0	2,563.9	2,528.0	5.7	7.7	134.74	-170.4	171.9	252.5	241.0	11.51	21.942				
2,700.0	2,700.0	2,659.3	2,619.1	6.0	8.3	132.85	-183.1	197.4	281.2	269.2	11.96	23.505				
2,800.0	2,800.0	2,754.9	2,710.4	6.2	8.9	-52.94	-195.9	223.0	309.0	296.5	12.51	24.709				
2,900.0	2,899.8	2,850.8	2,801.9	6.3	9.4	-54.51	-208.7	248.6	335.2	322.3	12.91	25.956				
3,000.0	2,999.5	2,946.9	2,893.5	6.5	10.0	-56.28	-221.5	274.3	359.8	346.5	13.32	27.019				
3,100.0	3,098.7	3,043.0	2,985.2	6.7	10.6	-58.22	-234.3	299.9	383.1	369.4	13.72	27.917				
3,200.0	3,197.5	3,139.0	3,076.9	6.9	11.2	-60.32	-247.1	325.6	405.3	391.2	14.14	28.658				
3,220.0	3,217.1	3,158.1	3,095.1	6.9	11.3	-60.76	-249.7	330.7	409.6	395.4	14.23	28.787				
3,300.0	3,295.8	3,234.9	3,168.4	7.1	11.8	-62.76	-259.9	351.2	427.1	412.5	14.59	29.281				
3,400.0	3,394.2	3,330.8	3,259.9	7.3	12.4	-65.04	-272.7	376.9	449.6	434.5	15.06	29.848				
3,500.0	3,492.5	3,426.7	3,351.4	7.6	13.0	-67.10	-285.5	402.5	472.7	457.2	15.57	30.359				
3,600.0	3,590.9	3,522.6	3,442.9	7.8	13.6	-68.98	-298.3	428.1	496.4	480.3	16.11	30.814				
3,700.0	3,689.3	3,618.5	3,534.4	8.1	14.2	-70.69	-311.1	453.7	520.5	503.9	16.68	31.215				
3,800.0	3,787.6	3,714.3	3,626.0	8.4	14.8	-72.25	-323.9	479.4	545.1	527.8	17.27	31.567				
3,900.0	3,886.0	3,810.2	3,717.5	8.7	15.4	-73.67	-336.7	505.0	570.0	552.1	17.88	31.874				
4,000.0	3,984.3	3,906.1	3,809.0	9.0	16.0	-74.98	-349.5	530.6	595.2	576.7	18.52	32.142				
4,100.0	4,082.7	4,002.0	3,900.5	9.3	16.6	-76.18	-362.3	556.3	620.7	601.5	19.17	32.374				
4,200.0	4,181.1	4,097.9	3,992.0	9.6	17.2	-77.29	-375.1	581.9	646.4	626.6	19.84	32.576				
4,300.0	4,279.4	4,193.8	4,083.5	10.0	17.8	-78.32	-387.9	607.5	672.3	651.8	20.53	32.752				
4,400.0	4,377.8	4,289.7	4,175.1	10.3	18.4	-79.27	-400.7	633.1	698.5	677.2	21.23	32.905				
4,500.0	4,476.1	4,385.6	4,266.6	10.7	19.0	-80.15	-413.5	658.8	724.7	702.8	21.94	33.038				
4,600.0	4,574.5	4,481.5	4,358.1	11.0	19.6	-80.97	-426.3	684.4	751.2	728.5	22.66	33.153				
4,700.0	4,672.8	4,577.4	4,449.6	11.4	20.2	-81.74	-439.1	710.0	777.8	754.4	23.39	33.255				

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference				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	-120.64	-38.2	-64.6	75.0					
100.0	100.0	100.0	100.0	0.1	0.1	-120.64	-38.2	-64.6	75.0	74.8	0.22	333.873		
200.0	200.0	200.0	200.0	0.3	0.3	-120.64	-38.2	-64.6	75.0	74.4	0.67	111.291		
300.0	300.0	300.0	300.0	0.6	0.6	-120.64	-38.2	-64.6	75.0	73.9	1.12	66.775		
400.0	400.0	400.0	400.0	0.8	0.8	-120.64	-38.2	-64.6	75.0	73.5	1.57	47.696		
500.0	500.0	500.0	500.0	1.0	1.0	-120.64	-38.2	-64.6	75.0	73.0	2.02	37.097		
600.0	600.0	600.0	600.0	1.2	1.2	-120.64	-38.2	-64.6	75.0	72.6	2.47	30.352		
700.0	700.0	700.0	700.0	1.5	1.5	-120.64	-38.2	-64.6	75.0	72.1	2.92	25.683		
800.0	800.0	800.0	800.0	1.7	1.7	-120.64	-38.2	-64.6	75.0	71.7	3.37	22.258		
900.0	900.0	900.0	900.0	1.9	1.9	-120.64	-38.2	-64.6	75.0	71.2	3.82	19.640		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-120.64	-38.2	-64.6	75.0	70.8	4.27	17.572		
1,100.0	1,100.0	1,101.5	1,101.5	2.4	2.3	-121.76	-38.9	-62.9	74.0	69.3	4.70	15.733		
1,200.0	1,200.0	1,202.8	1,202.6	2.6	2.5	-125.31	-41.1	-58.0	71.1	66.0	5.13	13.865		
1,300.0	1,300.0	1,303.6	1,303.0	2.8	2.8	-131.82	-44.5	-49.8	66.9	61.3	5.56	12.018		
1,400.0	1,400.0	1,403.6	1,402.3	3.0	3.0	-142.08	-49.4	-38.4	62.6	56.6	6.03	10.390		
1,500.0	1,500.0	1,502.7	1,500.1	3.3	3.3	-156.52	-55.5	-24.1	60.5	54.0	6.52	9.277		
1,502.6	1,502.6	1,505.2	1,502.6	3.3	3.3	-156.94	-55.6	-23.7	60.5	53.9	6.53	9.258 CC, ES		
1,600.0	1,600.0	1,600.5	1,596.1	3.5	3.6	-173.76	-62.8	-6.9	63.3	56.3	7.03	9.009 SF		
1,700.0	1,700.0	1,696.9	1,690.1	3.7	3.9	169.62	-71.3	13.1	73.1	65.6	7.51	9.740		
1,800.0	1,800.0	1,791.8	1,781.8	3.9	4.3	156.30	-80.8	35.5	90.1	82.2	7.96	11.324		
1,900.0	1,900.0	1,884.9	1,870.9	4.2	4.8	146.62	-91.4	60.2	113.2	104.8	8.39	13.488		
2,000.0	2,000.0	1,976.1	1,957.4	4.4	5.3	139.75	-102.8	87.0	141.2	132.4	8.82	16.005		
2,100.0	2,100.0	2,068.9	2,044.5	4.6	5.8	134.76	-115.2	116.1	172.7	163.4	9.26	18.651		
2,200.0	2,200.0	2,162.8	2,132.8	4.8	6.4	131.24	-127.8	145.8	205.2	195.5	9.70	21.143		
2,300.0	2,300.0	2,256.8	2,221.0	5.1	7.1	128.67	-140.4	175.4	238.2	228.0	10.16	23.452		
2,400.0	2,400.0	2,350.7	2,309.2	5.3	7.7	126.73	-153.0	205.1	271.5	260.9	10.61	25.577		
2,500.0	2,500.0	2,444.6	2,397.5	5.5	8.3	125.21	-165.6	234.7	305.0	293.9	11.08	27.528		
2,600.0	2,600.0	2,538.6	2,485.7	5.7	9.0	123.99	-178.3	264.3	338.7	327.1	11.55	29.319		
2,700.0	2,700.0	2,632.5	2,573.9	6.0	9.6	122.99	-190.9	294.0	372.5	360.5	12.03	30.966		
2,800.0	2,800.0	2,726.6	2,662.3	6.2	10.3	-61.89	-203.5	323.7	405.6	393.0	12.59	32.220		
2,900.0	2,899.8	2,821.0	2,751.0	6.3	11.0	-62.62	-216.2	353.5	437.3	424.3	13.03	33.569		
3,000.0	2,999.5	2,915.5	2,839.8	6.5	11.6	-63.59	-228.9	383.3	467.8	454.3	13.46	34.741		
3,100.0	3,098.7	3,010.1	2,928.6	6.7	12.3	-64.77	-241.6	413.1	497.1	483.2	13.91	35.747		
3,200.0	3,197.5	3,104.6	3,017.4	6.9	13.0	-66.11	-254.3	442.9	525.5	511.1	14.36	36.590		
3,220.0	3,217.1	3,123.4	3,035.1	6.9	13.1	-66.40	-256.8	448.9	531.0	516.6	14.45	36.739		
3,300.0	3,295.8	3,198.9	3,106.0	7.1	13.7	-67.92	-267.0	472.7	553.5	538.6	14.83	37.321		
3,400.0	3,394.2	3,293.3	3,194.7	7.3	14.3	-69.66	-279.6	502.5	582.0	566.6	15.33	37.968		
3,500.0	3,492.5	3,387.7	3,283.3	7.6	15.0	-71.24	-292.3	532.3	610.9	595.1	15.86	38.529		
3,600.0	3,590.9	3,482.0	3,372.0	7.8	15.7	-72.68	-305.0	562.1	640.3	623.9	16.41	39.013		
3,700.0	3,689.3	3,576.4	3,460.6	8.1	16.4	-74.00	-317.7	591.8	670.0	653.0	16.99	39.425		
3,800.0	3,787.6	3,670.8	3,549.3	8.4	17.1	-75.21	-330.3	621.6	700.0	682.4	17.60	39.775		
3,900.0	3,886.0	3,765.1	3,637.9	8.7	17.8	-76.32	-343.0	651.4	730.3	712.1	18.23	40.070		
4,000.0	3,984.3	3,859.5	3,726.5	9.0	18.4	-77.34	-355.7	681.2	760.8	741.9	18.87	40.317		
4,100.0	4,082.7	3,953.9	3,815.2	9.3	19.1	-78.29	-368.4	711.0	791.5	772.0	19.53	40.522		

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

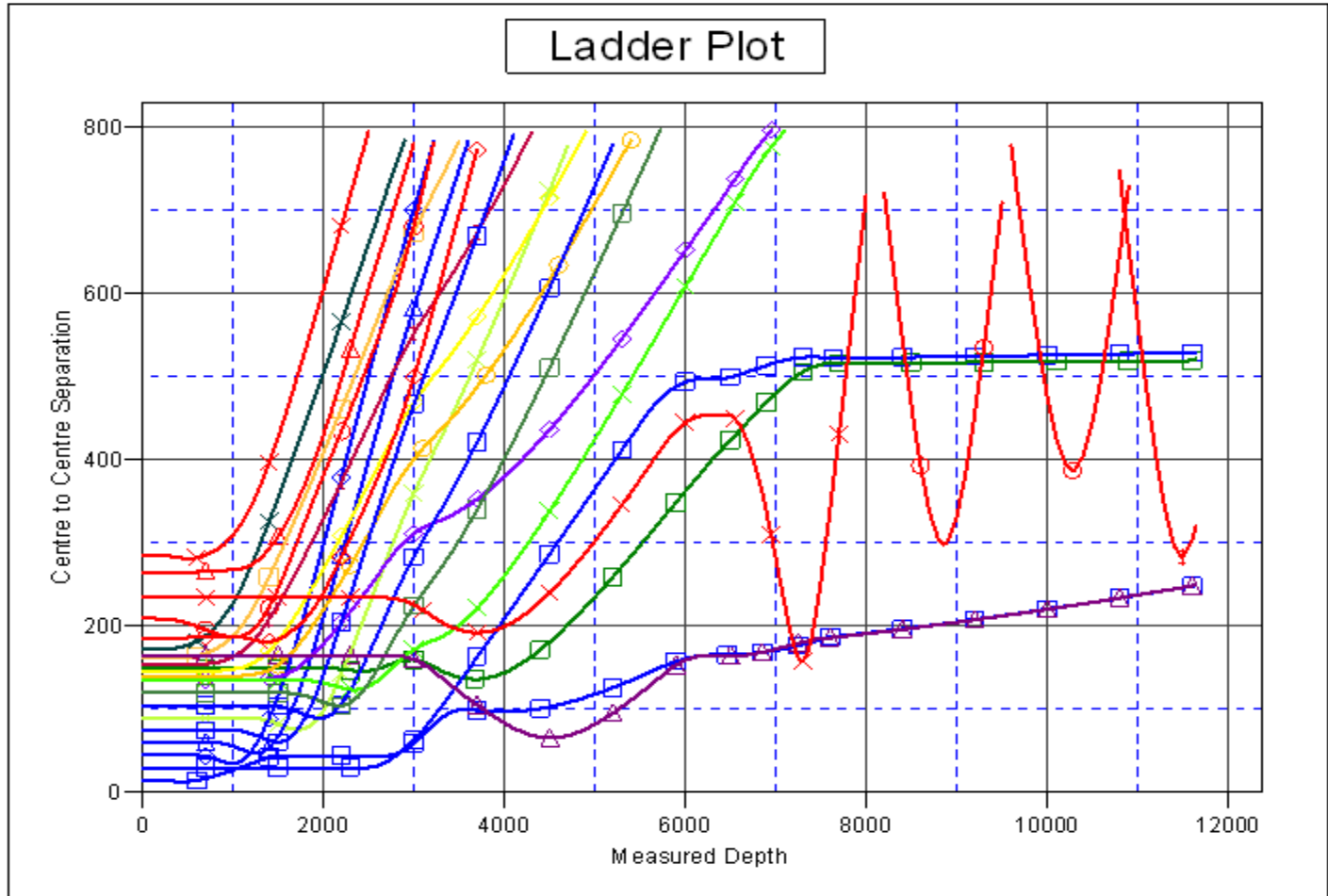
Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference				Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset 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	-120.60	-30.6	-51.8	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	-120.60	-30.6	-51.8	60.1	59.9	0.22	267.558		
200.0	200.0	200.0	200.0	0.3	0.3	-120.60	-30.6	-51.8	60.1	59.5	0.67	89.186		
300.0	300.0	300.0	300.0	0.6	0.6	-120.60	-30.6	-51.8	60.1	59.0	1.12	53.512		
400.0	400.0	400.0	400.0	0.8	0.8	-120.60	-30.6	-51.8	60.1	58.6	1.57	38.223		
500.0	500.0	500.0	500.0	1.0	1.0	-120.60	-30.6	-51.8	60.1	58.1	2.02	29.729		
600.0	600.0	600.0	600.0	1.2	1.2	-120.60	-30.6	-51.8	60.1	57.7	2.47	24.323		
700.0	700.0	700.0	700.0	1.5	1.5	-120.60	-30.6	-51.8	60.1	57.2	2.92	20.581		
800.0	800.0	800.0	800.0	1.7	1.7	-120.60	-30.6	-51.8	60.1	56.8	3.37	17.837		
900.0	900.0	901.3	901.3	1.9	1.9	-121.96	-31.3	-50.1	59.1	55.2	3.81	15.519		
1,000.0	1,000.0	1,002.3	1,002.1	2.1	2.1	-126.33	-33.2	-45.1	56.0	51.8	4.23	13.241		
1,100.0	1,100.0	1,102.8	1,102.3	2.4	2.3	-134.61	-36.3	-36.8	51.8	47.1	4.67	11.081		
1,200.0	1,200.0	1,202.6	1,201.3	2.6	2.6	-148.05	-40.7	-25.4	48.0	42.8	5.14	9.331		
1,261.4	1,261.4	1,263.5	1,261.4	2.7	2.7	-159.06	-44.0	-16.8	47.1	41.6	5.45	8.638 CC, ES		
1,300.0	1,300.0	1,301.4	1,298.9	2.8	2.8	-166.76	-46.3	-10.9	47.5	41.9	5.64	8.425 SF		
1,400.0	1,400.0	1,399.1	1,394.7	3.0	3.2	172.98	-52.9	6.5	53.6	47.4	6.13	8.738		
1,500.0	1,500.0	1,495.3	1,488.5	3.3	3.5	156.27	-60.6	26.6	67.2	60.6	6.59	10.203		
1,600.0	1,600.0	1,589.9	1,580.0	3.5	3.9	144.56	-69.3	49.3	87.4	80.3	7.02	12.438		
1,700.0	1,700.0	1,682.9	1,668.9	3.7	4.4	136.70	-78.8	74.3	112.7	105.2	7.46	15.105		
1,800.0	1,800.0	1,773.9	1,755.2	3.9	4.9	131.35	-89.2	101.4	142.2	134.3	7.90	18.001		
1,900.0	1,900.0	1,862.9	1,838.7	4.2	5.5	127.58	-100.3	130.3	175.5	167.1	8.35	21.017		
2,000.0	2,000.0	1,952.2	1,921.4	4.4	6.1	124.79	-112.2	161.6	211.8	203.0	8.81	24.050		
2,100.0	2,100.0	2,044.7	2,007.0	4.6	6.8	122.70	-124.8	194.4	249.0	239.8	9.27	26.864		
2,200.0	2,200.0	2,137.1	2,092.5	4.8	7.5	121.15	-137.4	227.3	286.5	276.8	9.74	29.411		
2,300.0	2,300.0	2,229.6	2,178.0	5.1	8.2	119.96	-149.9	260.1	324.1	313.9	10.22	31.715		
2,400.0	2,400.0	2,322.1	2,263.6	5.3	8.9	119.02	-162.5	293.0	361.8	351.1	10.70	33.804		
2,500.0	2,500.0	2,414.6	2,349.1	5.5	9.7	118.25	-175.1	325.8	399.5	388.3	11.19	35.701		
2,600.0	2,600.0	2,507.1	2,434.6	5.7	10.4	117.62	-187.7	358.7	437.3	425.6	11.68	37.430		
2,700.0	2,700.0	2,599.5	2,520.1	6.0	11.1	117.08	-200.2	391.6	475.1	463.0	12.18	39.009		
2,800.0	2,800.0	2,692.2	2,605.8	6.2	11.9	-67.26	-212.8	424.5	512.4	499.7	12.73	40.238		
2,900.0	2,899.8	2,785.1	2,691.8	6.3	12.6	-67.47	-225.5	457.5	548.5	535.3	13.20	41.557		
3,000.0	2,999.5	2,878.2	2,777.8	6.5	13.4	-67.92	-238.1	490.5	583.5	569.8	13.66	42.706		
3,100.0	3,098.7	2,971.3	2,863.9	6.7	14.1	-68.57	-250.8	523.6	617.5	603.3	14.13	43.695		
3,200.0	3,197.5	3,064.3	2,950.0	6.9	14.9	-69.40	-263.4	556.7	650.6	636.0	14.61	44.524		
3,220.0	3,217.1	3,082.9	2,967.1	6.9	15.0	-69.58	-265.9	563.3	657.1	642.4	14.71	44.670		
3,300.0	3,295.8	3,157.2	3,035.9	7.1	15.6	-70.79	-276.0	589.7	683.4	668.3	15.10	45.259		
3,400.0	3,394.2	3,250.1	3,121.8	7.3	16.4	-72.19	-288.7	622.7	716.6	701.0	15.61	45.897		
3,500.0	3,492.5	3,343.1	3,207.8	7.6	17.1	-73.47	-301.3	655.7	750.1	733.9	16.15	46.434		
3,600.0	3,590.9	3,436.0	3,293.7	7.8	17.9	-74.64	-313.9	688.7	783.9	767.2	16.72	46.881		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference				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	200.131		
200.0	200.0	200.0	200.0	0.3	0.3	-120.69	-23.0	-38.7	45.0	44.3	0.67	66.710		
300.0	300.0	300.0	300.0	0.6	0.6	-120.69	-23.0	-38.7	45.0	43.9	1.12	40.026		
400.0	400.0	400.0	400.0	0.8	0.8	-120.69	-23.0	-38.7	45.0	43.4	1.57	28.590		
500.0	500.0	500.0	500.0	1.0	1.0	-120.69	-23.0	-38.7	45.0	43.0	2.02	22.237		
600.0	600.0	600.0	600.0	1.2	1.2	-120.69	-23.0	-38.7	45.0	42.5	2.47	18.194		
700.0	700.0	701.0	700.9	1.5	1.4	-122.48	-23.6	-37.0	43.9	41.0	2.91	15.098		
800.0	800.0	801.7	801.5	1.7	1.7	-128.39	-25.4	-32.0	40.9	37.5	3.33	12.254		
900.0	900.0	901.9	901.3	1.9	1.9	-140.06	-28.3	-23.7	37.0	33.2	3.78	9.775		
1,000.0	1,000.0	1,001.4	1,000.1	2.1	2.1	-159.30	-32.5	-12.3	34.7	30.4	4.26	8.141		
1,003.9	1,003.9	1,005.3	1,003.9	2.1	2.1	-160.20	-32.6	-11.8	34.7	30.4	4.28	8.102 CC, ES		
1,100.0	1,100.0	1,100.0	1,097.5	2.4	2.4	176.56	-37.7	2.3	37.8	33.1	4.75	7.964 SF		
1,200.0	1,200.0	1,197.3	1,192.9	2.6	2.8	155.88	-44.0	19.7	48.7	43.5	5.21	9.340		
1,300.0	1,300.0	1,293.2	1,286.5	2.8	3.1	142.11	-51.2	39.8	66.3	60.6	5.65	11.723		
1,400.0	1,400.0	1,387.6	1,377.7	3.0	3.6	133.51	-59.4	62.6	89.1	83.0	6.10	14.607		
1,500.0	1,500.0	1,480.3	1,466.5	3.3	4.1	127.98	-68.4	87.6	116.1	109.5	6.55	17.721		
1,600.0	1,600.0	1,571.1	1,552.6	3.5	4.6	124.27	-78.1	114.7	146.7	139.7	7.01	20.934		
1,700.0	1,700.0	1,659.9	1,635.9	3.7	5.2	121.65	-88.6	143.7	180.6	173.1	7.47	24.180		
1,800.0	1,800.0	1,746.7	1,716.3	3.9	5.8	119.74	-99.6	174.4	217.6	209.6	7.93	27.421		
1,900.0	1,900.0	1,833.4	1,795.6	4.2	6.5	118.27	-111.4	207.2	257.4	249.0	8.41	30.618		
2,000.0	2,000.0	1,924.6	1,878.9	4.4	7.3	117.11	-124.1	242.3	298.0	289.1	8.89	33.506		
2,100.0	2,100.0	2,015.8	1,962.2	4.6	8.0	116.23	-136.7	277.5	338.6	329.3	9.38	36.102		
2,200.0	2,200.0	2,107.1	2,045.4	4.8	8.8	115.54	-149.3	312.6	379.4	369.5	9.87	38.423		
2,300.0	2,300.0	2,198.3	2,128.7	5.1	9.6	114.98	-162.0	347.7	420.1	409.8	10.37	40.507		
2,400.0	2,400.0	2,289.6	2,211.9	5.3	10.4	114.52	-174.6	382.9	460.9	450.0	10.88	42.383		
2,500.0	2,500.0	2,380.8	2,295.2	5.5	11.2	114.13	-187.3	418.0	501.7	490.4	11.38	44.082		
2,600.0	2,600.0	2,472.1	2,378.4	5.7	12.0	113.81	-199.9	453.1	542.6	530.7	11.89	45.625		
2,700.0	2,700.0	2,563.3	2,461.7	6.0	12.7	113.52	-212.6	488.3	583.4	571.0	12.40	47.032		
2,800.0	2,800.0	2,654.7	2,545.1	6.2	13.5	-70.49	-225.2	523.5	623.7	610.8	12.93	48.227		
2,900.0	2,899.8	2,746.4	2,628.8	6.3	14.4	-70.35	-237.9	558.8	663.1	649.6	13.42	49.424		
3,000.0	2,999.5	2,838.2	2,712.6	6.5	15.2	-70.45	-250.6	594.1	701.4	687.5	13.90	50.459		
3,100.0	3,098.7	2,930.1	2,796.4	6.7	16.0	-70.75	-263.4	629.5	738.8	724.4	14.39	51.341		
3,200.0	3,197.5	3,021.9	2,880.2	6.9	16.8	-71.22	-276.1	664.8	775.5	760.6	14.89	52.069		
3,220.0	3,217.1	3,040.2	2,896.9	6.9	16.9	-71.33	-278.6	671.9	782.7	767.7	15.00	52.195		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4729.5ft (RKB - 22.5') Coordinates are relative to: Matrix I-29HC
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
 Central Meridian is -105.500000 ° Grid Convergence at Surface is: 0.52°



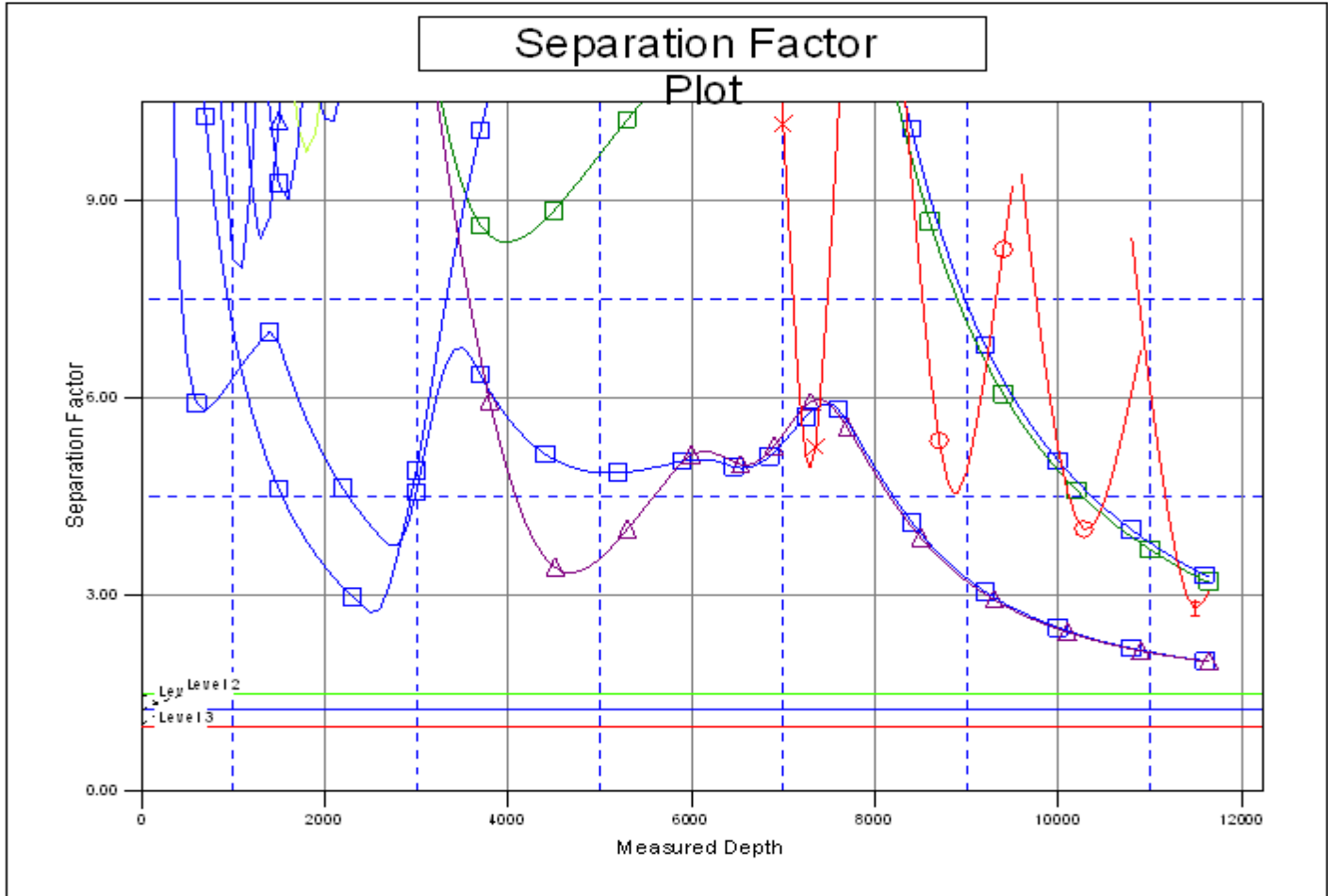
LEGEND

- | | | |
|--|---|--|
| O-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix N-29HC, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix J-29HN, Wellbore #1, Plan #1 (10-01-14) V0 |
| Q-29HN, Wellbore #1, Plan #1 (10-02-14) V0 | Matrix C-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix 21-29, Wellbore #1, Wellbore #1 |
| H-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix L-29HN, Wellbore #1, Plan #1 (10-02-14) V0 | Hungenberg 22-29, Wellbore #1, Wellbore #1 |
| K-29HN, Wellbore #1, Plan #1 (10-02-14) V0 | Matrix D-29HC, Wellbore #1, Plan #1 (10-08-14) V0 | Matix 23-29, Wellbore #1, Wellbore #1 |
| R-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix B-29HN, Wellbore #1, Plan #1 (10-01-14) V0 | Matrix 24-29-17, Wellbore #1, Wellbore #1 |
| E-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix M-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix 24-29 (Vert.), Wellbore #1, Plan #1 (10-01-14) V0 |
| F-29HN, Wellbore #1, Plan #1 (10-01-14) V0 | Matrix A-29HN, Wellbore #1, Plan #1 (10-01-14) V0 | Matrix 13-29, Wellbore #1, Wellbore #1 |
| G-29HN, Wellbore #1, Plan #1 (10-01-14) V0 | Matrix P-29HN, Wellbore #1, Plan #1 (10-02-14) V0 | Matrix 14-29, Wellbore #1, Wellbore #1 |

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 I-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix I-29HC	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 (10-08-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4729.5ft (RKB - 22.5') Coordinates are relative to: Matrix I-29HC
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
 Central Meridian is -105.500000° Grid Convergence at Surface is: 0.52°



LEGEND

- | | | |
|--|---|---|
| O-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix N-29HC, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix J-29HN, Wellbore #1, Plan #1 (10-08-14) V0 |
| Q-29HN, Wellbore #1, Plan #1 (10-02-14) V0 | Matrix C-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix 21-29, Wellbore #1, Wellbore #1 |
| H-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix L-29HN, Wellbore #1, Plan #1 (10-02-14) V0 | Hungenberg 22-29, Wellbore #1, Wellb. |
| K-29HN, Wellbore #1, Plan #1 (10-02-14) V0 | Matrix D-29HC, Wellbore #1, Plan #1 (10-08-14) V0 | Matix 23-29, Wellbore #1, Wellbore #1 |
| R-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix B-29HN, Wellbore #1, Plan #1 (10-01-14) V0 | Matrix 24-29-17, Wellbore #1, Wellbore |
| E-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix M-29HN, Wellbore #1, Plan #1 (10-08-14) V0 | Matrix 24-29 (Vert.), Wellbore #1, Plan |
| F-29HN, Wellbore #1, Plan #1 (10-01-14) V0 | Matrix A-29HN, Wellbore #1, Plan #1 (10-01-14) V0 | Matrix 13-29, Wellbore #1, Wellbore #1 |
| G-29HN, Wellbore #1, Plan #1 (10-01-14) V0 | Matrix P-29HN, Wellbore #1, Plan #1 (10-02-14) V0 | Matrix 14-29, Wellbore #1, Wellbore #1 |