

Bayswater Exploration & Production, LLC

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

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

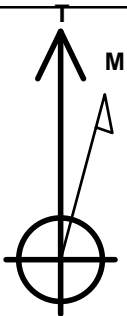
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4708.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1408779.97	3225880.85	40.452665	-104.688326	
RKB - 22.5' WELL @ 4730.5ft (RKB - 22.5')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 453'FSL & 2335'FWL	1.0	0.0	0.0	Point
BHL 465'FNL, 965'FWL	7133.0	4484.1	-1396.3	Point



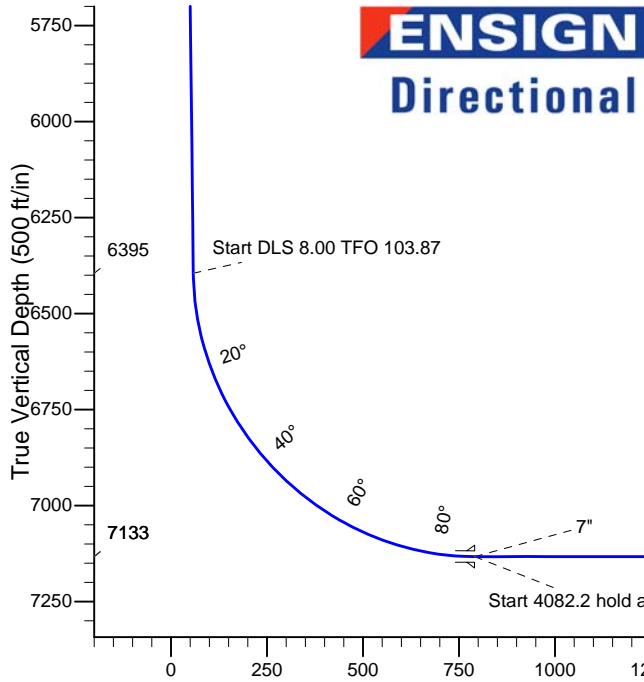
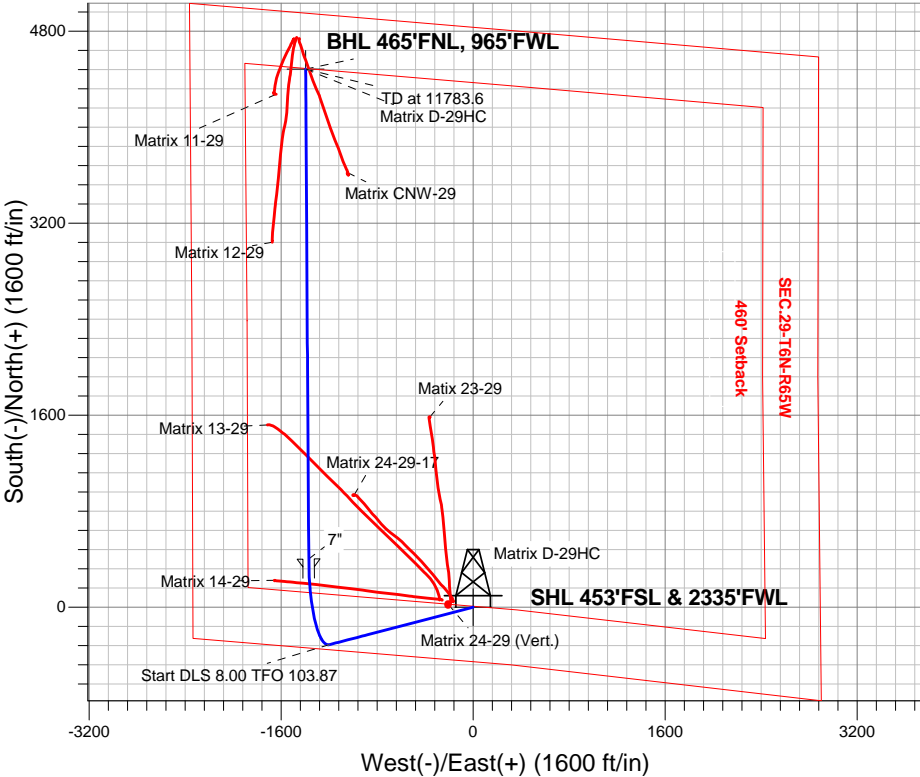
Azimuths to True North
Magnetic North: 8.38°

Magnetic Field
Strength: 52818.7nT
Dip Angle: 66.99°
Date: 10/7/2014
Model: IGRF2010

Matrix 29- Pad Sec.29-T6N-R65W
Matrix D-29HC
Plan #1 (10-08-14)
14:18, October 08 2014

ANNOTATIONS

TVD	MD	Annotation
800.0	800.0	KOP - Start Build 2.00
6395.4	6536.1	Start DLS 8.00 TFO 103.87
7133.0	7701.4	Start 4082.2 hold at 7701.4 MD
7133.0	11783.6	TD at 11783.6



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	800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.0	
3	1461.8	13.24	255.40	1455.9	-19.2	-73.6	2.00	255.40	3.6	
4	6536.1	13.24	255.40	6395.4	-312.0	-1197.9	0.00	0.00	58.3	
5	7701.4	90.00	359.64	7133.0	402.0	-1370.6	8.00	103.87	791.3	
6	11783.6	90.00	359.64	7133.0	4484.1	-1396.2	0.00	0.00	4696.4	BHL 465'FNL, 965'FWL

Vertical Section at 342.70° (500 ft/in)



Bayswater Exploration & Production, LLC

SEC.29-T6N-R65W

Matrix 29- Pad Sec.29-T6N-R65W

Matrix D-29HC

Wellbore #1

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

Standard Planning Report

08 October, 2014



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Database:	Landmark	Local Co-ordinate Reference:	Well Matrix D-29HC
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix D-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 D-29HC					
Well Position	+N-S	-62.3 ft	Northing:	1,408,779.97 ft	Latitude:	40.452665
	+E-W	149.7 ft	Easting:	3,225,880.85 ft	Longitude:	-104.688326
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,708.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/7/2014	8.38	66.99	52,819

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	342.70

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	
800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,461.8	13.24	255.40	1,455.9	-19.2	-73.6	2.00	2.00	0.00	255.40	
6,536.1	13.24	255.40	6,395.4	-312.0	-1,197.9	0.00	0.00	0.00	0.00	
7,701.4	90.00	359.64	7,133.0	402.0	-1,370.6	8.00	6.59	8.94	103.87	
11,783.6	90.00	359.64	7,133.0	4,484.1	-1,396.2	0.00	0.00	0.00	0.00	BHL 465'FNL, 965'F

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Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix D-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 453'FSL & 2335'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
KOP - Start Build 2.00									
900.0	2.00	255.40	900.0	-0.4	-1.7	0.1	2.00	2.00	0.00
1,000.0	4.00	255.40	999.8	-1.8	-6.8	0.3	2.00	2.00	0.00
1,100.0	6.00	255.40	1,099.5	-4.0	-15.2	0.7	2.00	2.00	0.00
1,200.0	8.00	255.40	1,198.7	-7.0	-27.0	1.3	2.00	2.00	0.00
1,300.0	10.00	255.40	1,297.5	-11.0	-42.1	2.0	2.00	2.00	0.00
1,400.0	12.00	255.40	1,395.6	-15.8	-60.6	2.9	2.00	2.00	0.00
1,461.8	13.24	255.40	1,455.9	-19.2	-73.6	3.6	2.00	2.00	0.00
1,500.0	13.24	255.40	1,493.1	-21.4	-82.1	4.0	0.00	0.00	0.00
1,600.0	13.24	255.40	1,590.5	-27.2	-104.3	5.1	0.00	0.00	0.00
1,700.0	13.24	255.40	1,687.8	-32.9	-126.4	6.1	0.00	0.00	0.00
1,800.0	13.24	255.40	1,785.1	-38.7	-148.6	7.2	0.00	0.00	0.00
1,900.0	13.24	255.40	1,882.5	-44.5	-170.7	8.3	0.00	0.00	0.00
2,000.0	13.24	255.40	1,979.8	-50.2	-192.9	9.4	0.00	0.00	0.00
2,100.0	13.24	255.40	2,077.2	-56.0	-215.1	10.5	0.00	0.00	0.00
2,200.0	13.24	255.40	2,174.5	-61.8	-237.2	11.5	0.00	0.00	0.00
2,300.0	13.24	255.40	2,271.9	-67.5	-259.4	12.6	0.00	0.00	0.00
2,400.0	13.24	255.40	2,369.2	-73.3	-281.5	13.7	0.00	0.00	0.00
2,500.0	13.24	255.40	2,466.6	-79.1	-303.7	14.8	0.00	0.00	0.00
2,600.0	13.24	255.40	2,563.9	-84.9	-325.8	15.8	0.00	0.00	0.00
2,700.0	13.24	255.40	2,661.2	-90.6	-348.0	16.9	0.00	0.00	0.00
2,800.0	13.24	255.40	2,758.6	-96.4	-370.2	18.0	0.00	0.00	0.00
2,900.0	13.24	255.40	2,855.9	-102.2	-392.3	19.1	0.00	0.00	0.00
3,000.0	13.24	255.40	2,953.3	-107.9	-414.5	20.2	0.00	0.00	0.00
3,100.0	13.24	255.40	3,050.6	-113.7	-436.6	21.2	0.00	0.00	0.00
3,200.0	13.24	255.40	3,148.0	-119.5	-458.8	22.3	0.00	0.00	0.00
3,300.0	13.24	255.40	3,245.3	-125.3	-480.9	23.4	0.00	0.00	0.00
3,400.0	13.24	255.40	3,342.6	-131.0	-503.1	24.5	0.00	0.00	0.00
3,500.0	13.24	255.40	3,440.0	-136.8	-525.2	25.5	0.00	0.00	0.00
3,600.0	13.24	255.40	3,537.3	-142.6	-547.4	26.6	0.00	0.00	0.00
3,700.0	13.24	255.40	3,634.7	-148.3	-569.6	27.7	0.00	0.00	0.00
3,800.0	13.24	255.40	3,732.0	-154.1	-591.7	28.8	0.00	0.00	0.00
3,900.0	13.24	255.40	3,829.4	-159.9	-613.9	29.9	0.00	0.00	0.00
4,000.0	13.24	255.40	3,926.7	-165.6	-636.0	30.9	0.00	0.00	0.00
4,100.0	13.24	255.40	4,024.0	-171.4	-658.2	32.0	0.00	0.00	0.00
4,200.0	13.24	255.40	4,121.4	-177.2	-680.3	33.1	0.00	0.00	0.00
4,300.0	13.24	255.40	4,218.7	-183.0	-702.5	34.2	0.00	0.00	0.00
4,400.0	13.24	255.40	4,316.1	-188.7	-724.7	35.2	0.00	0.00	0.00
4,500.0	13.24	255.40	4,413.4	-194.5	-746.8	36.3	0.00	0.00	0.00
4,600.0	13.24	255.40	4,510.8	-200.3	-769.0	37.4	0.00	0.00	0.00
4,700.0	13.24	255.40	4,608.1	-206.0	-791.1	38.5	0.00	0.00	0.00
4,800.0	13.24	255.40	4,705.5	-211.8	-813.3	39.6	0.00	0.00	0.00
4,900.0	13.24	255.40	4,802.8	-217.6	-835.4	40.6	0.00	0.00	0.00

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Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix D-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	13.24	255.40	4,900.1	-223.4	-857.6	41.7	0.00	0.00	0.00
5,100.0	13.24	255.40	4,997.5	-229.1	-879.8	42.8	0.00	0.00	0.00
5,200.0	13.24	255.40	5,094.8	-234.9	-901.9	43.9	0.00	0.00	0.00
5,300.0	13.24	255.40	5,192.2	-240.7	-924.1	44.9	0.00	0.00	0.00
5,400.0	13.24	255.40	5,289.5	-246.4	-946.2	46.0	0.00	0.00	0.00
5,500.0	13.24	255.40	5,386.9	-252.2	-968.4	47.1	0.00	0.00	0.00
5,600.0	13.24	255.40	5,484.2	-258.0	-990.5	48.2	0.00	0.00	0.00
5,700.0	13.24	255.40	5,581.5	-263.7	-1,012.7	49.3	0.00	0.00	0.00
5,800.0	13.24	255.40	5,678.9	-269.5	-1,034.9	50.3	0.00	0.00	0.00
5,900.0	13.24	255.40	5,776.2	-275.3	-1,057.0	51.4	0.00	0.00	0.00
6,000.0	13.24	255.40	5,873.6	-281.1	-1,079.2	52.5	0.00	0.00	0.00
6,100.0	13.24	255.40	5,970.9	-286.8	-1,101.3	53.6	0.00	0.00	0.00
6,200.0	13.24	255.40	6,068.3	-292.6	-1,123.5	54.6	0.00	0.00	0.00
6,300.0	13.24	255.40	6,165.6	-298.4	-1,145.6	55.7	0.00	0.00	0.00
6,400.0	13.24	255.40	6,262.9	-304.1	-1,167.8	56.8	0.00	0.00	0.00
6,500.0	13.24	255.40	6,360.3	-309.9	-1,190.0	57.9	0.00	0.00	0.00
6,536.1	13.24	255.40	6,395.4	-312.0	-1,198.0	58.3	0.00	0.00	0.00
Start DLS 8.00 TFO 103.87									
6,600.0	12.98	278.07	6,457.7	-312.8	-1,212.2	61.7	8.00	-0.40	35.47
6,700.0	16.16	307.74	6,554.6	-302.7	-1,234.3	77.9	8.00	3.18	29.67
6,800.0	21.90	325.08	6,649.2	-278.9	-1,256.0	107.1	8.00	5.74	17.34
6,900.0	28.70	335.03	6,739.6	-241.8	-1,276.9	148.8	8.00	6.80	9.95
7,000.0	35.97	341.33	6,824.0	-192.1	-1,296.4	202.0	8.00	7.27	6.30
7,100.0	43.46	345.72	6,900.9	-130.8	-1,314.3	265.8	8.00	7.50	4.39
7,200.0	51.08	349.03	6,968.7	-59.2	-1,330.3	339.0	8.00	7.62	3.31
7,300.0	58.78	351.70	7,026.2	21.4	-1,343.9	420.0	8.00	7.70	2.66
7,400.0	66.53	353.96	7,072.1	109.5	-1,354.9	507.3	8.00	7.74	2.26
7,500.0	74.30	355.97	7,105.6	203.3	-1,363.1	599.3	8.00	7.77	2.01
7,600.0	82.09	357.83	7,126.0	300.9	-1,368.4	694.1	8.00	7.79	1.86
7,700.0	89.89	359.61	7,133.0	400.6	-1,370.6	789.9	8.00	7.80	1.79
7,701.4	90.00	359.64	7,133.0	402.0	-1,370.6	791.3	8.00	7.80	1.78
Start 4082.2 hold at 7701.4 MD - 7"									
7,800.0	90.00	359.64	7,133.0	500.6	-1,371.2	885.6	0.00	0.00	0.00
7,900.0	90.00	359.64	7,133.0	600.6	-1,371.8	981.3	0.00	0.00	0.00
8,000.0	90.00	359.64	7,133.0	700.6	-1,372.5	1,076.9	0.00	0.00	0.00
8,100.0	90.00	359.64	7,133.0	800.6	-1,373.1	1,172.6	0.00	0.00	0.00
8,200.0	90.00	359.64	7,133.0	900.6	-1,373.7	1,268.3	0.00	0.00	0.00
8,300.0	90.00	359.64	7,133.0	1,000.6	-1,374.4	1,363.9	0.00	0.00	0.00
8,400.0	90.00	359.64	7,133.0	1,100.6	-1,375.0	1,459.6	0.00	0.00	0.00
8,500.0	90.00	359.64	7,133.0	1,200.6	-1,375.6	1,555.3	0.00	0.00	0.00
8,600.0	90.00	359.64	7,133.0	1,300.6	-1,376.2	1,650.9	0.00	0.00	0.00
8,700.0	90.00	359.64	7,133.0	1,400.6	-1,376.9	1,746.6	0.00	0.00	0.00
8,800.0	90.00	359.64	7,133.0	1,500.6	-1,377.5	1,842.2	0.00	0.00	0.00
8,900.0	90.00	359.64	7,133.0	1,600.6	-1,378.1	1,937.9	0.00	0.00	0.00
9,000.0	90.00	359.64	7,133.0	1,700.6	-1,378.8	2,033.6	0.00	0.00	0.00
9,100.0	90.00	359.64	7,133.0	1,800.6	-1,379.4	2,129.2	0.00	0.00	0.00
9,200.0	90.00	359.64	7,133.0	1,900.6	-1,380.0	2,224.9	0.00	0.00	0.00
9,300.0	90.00	359.64	7,133.0	2,000.6	-1,380.6	2,320.6	0.00	0.00	0.00
9,400.0	90.00	359.64	7,133.0	2,100.6	-1,381.3	2,416.2	0.00	0.00	0.00
9,500.0	90.00	359.64	7,133.0	2,200.5	-1,381.9	2,511.9	0.00	0.00	0.00
9,600.0	90.00	359.64	7,133.0	2,300.5	-1,382.5	2,607.6	0.00	0.00	0.00
9,700.0	90.00	359.64	7,133.0	2,400.5	-1,383.2	2,703.2	0.00	0.00	0.00
9,800.0	90.00	359.64	7,133.0	2,500.5	-1,383.8	2,798.9	0.00	0.00	0.00
9,900.0	90.00	359.64	7,133.0	2,600.5	-1,384.4	2,894.5	0.00	0.00	0.00

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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)	
10,000.0	90.00	359.64	7,133.0	2,700.5	-1,385.0	2,990.2	0.00	0.00	0.00	
10,100.0	90.00	359.64	7,133.0	2,800.5	-1,385.7	3,085.9	0.00	0.00	0.00	
10,200.0	90.00	359.64	7,133.0	2,900.5	-1,386.3	3,181.5	0.00	0.00	0.00	
10,300.0	90.00	359.64	7,133.0	3,000.5	-1,386.9	3,277.2	0.00	0.00	0.00	
10,400.0	90.00	359.64	7,133.0	3,100.5	-1,387.6	3,372.9	0.00	0.00	0.00	
10,500.0	90.00	359.64	7,133.0	3,200.5	-1,388.2	3,468.5	0.00	0.00	0.00	
10,600.0	90.00	359.64	7,133.0	3,300.5	-1,388.8	3,564.2	0.00	0.00	0.00	
10,700.0	90.00	359.64	7,133.0	3,400.5	-1,389.4	3,659.8	0.00	0.00	0.00	
10,800.0	90.00	359.64	7,133.0	3,500.5	-1,390.1	3,755.5	0.00	0.00	0.00	
10,900.0	90.00	359.64	7,133.0	3,600.5	-1,390.7	3,851.2	0.00	0.00	0.00	
11,000.0	90.00	359.64	7,133.0	3,700.5	-1,391.3	3,946.8	0.00	0.00	0.00	
11,100.0	90.00	359.64	7,133.0	3,800.5	-1,392.0	4,042.5	0.00	0.00	0.00	
11,200.0	90.00	359.64	7,133.0	3,900.5	-1,392.6	4,138.2	0.00	0.00	0.00	
11,300.0	90.00	359.64	7,133.0	4,000.5	-1,393.2	4,233.8	0.00	0.00	0.00	
11,400.0	90.00	359.64	7,133.0	4,100.5	-1,393.8	4,329.5	0.00	0.00	0.00	
11,500.0	90.00	359.64	7,133.0	4,200.5	-1,394.5	4,425.2	0.00	0.00	0.00	
11,600.0	90.00	359.64	7,133.0	4,300.5	-1,395.1	4,520.8	0.00	0.00	0.00	
11,700.0	90.00	359.64	7,133.0	4,400.5	-1,395.7	4,616.5	0.00	0.00	0.00	
11,783.6	90.00	359.64	7,133.0	4,484.1	-1,396.2	4,696.4	0.00	0.00	0.00	
BHL 465'FNL, 965'FWL										

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
- hit/miss target										
- Shape										
BHL 465'FNL, 965'FW	0.00	0.00	7,133.0	4,484.1	-1,396.3	1,413,250.89	3,224,443.64	40.464973	-104.693344	
- plan hits target center										
- Point										
SHL 453'FSL & 2335'I	0.00	0.00	1.0	0.0	0.0	1,408,779.99	3,225,880.85	40.452665	-104.688326	
- plan hits target center										
- Point										

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,701.4	7,133.0	7"	7	7-1/2	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
800.0	800.0	0.0	0.0	KOP - Start Build 2.00	
6,536.1	6,395.4	-19.2	-73.6	Start DLS 8.00 TFO 103.87	
7,701.4	7,133.0	-312.0	-1,197.9	Start 4082.2 hold at 7701.4 MD	
11,783.6	7,133.0	402.0	-1,370.6	TD at 11783.6	



Bayswater Exploration & Production, LLC

SEC.29-T6N-R65W

Matrix 29- Pad Sec.29-T6N-R65W

Matrix D-29HC

Wellbore #1

Plan #1 (10-08-14)

Anticollision Report

08 October, 2014



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	11,783.6	Plan #1 (10-08-14) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Matrix 11-29 Pad Sec.29-T6N-R65W						
Matrix 11-29 - Wellbore #1 - Wellbore #1	11,575.9	7,207.3	253.6	151.6	2.486	CC, ES, SF
Matrix 12-29 - Wellbore #1 - Wellbore #1	10,346.3	7,443.3	286.8	190.7	2.985	CC, ES, SF
Matrix CNW-29 - Wellbore #1 - Wellbore #1	10,916.1	7,329.5	341.0	242.8	3.473	CC, ES, SF
Matrix 13-29 PAD Sec.29-T6N-R65W						
Matrix 13-29 - Wellbore #1 - Wellbore #1	0.0	0.0	285.9			
Matrix 13-29 - Wellbore #1 - Wellbore #1	8,821.0	7,505.5	335.5	266.7	4.876	ES, SF
Matrix 14-29 - Wellbore #1 - Wellbore #1	1,541.5	1,484.2	240.6	234.6	40.484	CC, ES
Matrix 14-29 - Wellbore #1 - Wellbore #1	7,537.4	7,344.5	291.7	254.4	7.834	SF
Matrix 23-29 Pad Sec.29-T6N-R65W						
Matix 23-29 - Wellbore #1 - Wellbore #1	270.4	262.0	190.8	189.8	199.992	CC
Matix 23-29 - Wellbore #1 - Wellbore #1	300.0	291.0	190.8	189.7	176.008	ES
Matix 23-29 - Wellbore #1 - Wellbore #1	1,400.0	1,317.3	294.7	288.1	44.544	SF
Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)	1,986.3	1,957.9	79.3	69.3	7.942	CC
Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)	2,000.0	1,971.3	79.4	69.3	7.877	ES
Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)	2,100.0	2,068.7	83.5	72.9	7.862	SF
Matrix 24-29-17 - Wellbore #1 - Wellbore #1	1,416.9	1,384.8	143.5	138.2	26.901	CC, ES
Matrix 24-29-17 - Wellbore #1 - Wellbore #1	8,300.0	7,288.8	384.0	334.0	7.683	SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Separation Factor	Warning
Matrix 29- Pad Sec.29-T6N-R65W						
Matrix A-29HN - Wellbore #1 - Plan #1 (10-01-14)	200.0	200.0	44.7	44.1	66.344	CC, ES
Matrix A-29HN - Wellbore #1 - Plan #1 (10-01-14)	6,600.0	6,524.2	765.2	724.9	18.990	SF
Matrix B-29HN - Wellbore #1 - Plan #1 (10-01-14)	400.0	400.0	29.8	28.2	18.954	CC, ES
Matrix B-29HN - Wellbore #1 - Plan #1 (10-01-14)	11,783.6	11,742.9	528.2	354.6	3.044	SF
Matrix C-29HN - Wellbore #1 - Plan #1 (10-08-14)	600.0	600.0	14.9	12.4	6.032	CC, ES
Matrix C-29HN - Wellbore #1 - Plan #1 (10-08-14)	11,783.6	11,707.1	199.0	40.1	1.253	Level 3, SF
Matrix E-29HN - Wellbore #1 - Plan #1 (10-08-14)	800.0	799.0	15.2	11.8	4.499	CC, ES
Matrix E-29HN - Wellbore #1 - Plan #1 (10-08-14)	11,783.6	11,676.3	199.9	50.5	1.338	Level 3, SF
Matrix F-29HN - Wellbore #1 - Plan #1 (10-01-14)	800.0	800.0	30.1	26.7	8.920	CC, ES
Matrix F-29HN - Wellbore #1 - Plan #1 (10-01-14)	11,783.6	11,524.6	531.3	365.1	3.198	SF
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	800.0	800.0	135.4	132.0	40.166	CC
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	1,000.0	999.8	135.6	131.4	32.059	ES
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	5,700.0	5,709.1	502.1	470.1	15.680	SF
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	200.0	200.0	140.4	139.7	208.176	CC, ES
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	5,500.0	5,493.9	794.3	765.7	27.780	SF
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	800.0	799.0	146.7	143.3	43.531	CC
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	900.0	899.0	147.0	143.2	38.666	ES
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,500.0	1,492.1	183.6	176.9	27.722	SF
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,693.7	1,681.6	98.0	90.0	12.200	CC
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,700.0	1,687.8	98.0	90.0	12.139	ES
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,800.0	1,785.1	101.0	92.3	11.632	SF
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,631.1	1,620.8	102.2	94.6	13.399	CC, ES
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,800.0	1,785.1	109.3	100.7	12.678	SF
Matrix L-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,567.4	1,558.8	106.3	99.1	14.723	CC, ES
Matrix L-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,700.0	1,687.8	110.6	102.5	13.790	SF

Offset Design										Matrix 11-29 Pad Sec.29-T6N-R65W - Matrix 11-29 - Wellbore #1 - Wellbore #1				Offset Site Error:		0.0 ft	
Survey Program: 616-														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)	Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
10,900.0	7,133.0	7,208.4	7,152.2	76.1	16.7	-92.41	4,274.8	-1,648.3	721.9	632.6	89.35	8.080					
11,000.0	7,133.0	7,208.2	7,152.0	77.9	16.7	-92.37	4,274.8	-1,648.4	629.3	538.1	91.21	6.899					
11,100.0	7,133.0	7,208.0	7,151.8	79.7	16.7	-92.34	4,274.8	-1,648.4	539.3	446.2	93.08	5.794					
11,200.0	7,133.0	7,207.9	7,151.7	81.5	16.7	-92.30	4,274.8	-1,648.4	453.5	358.5	94.95	4.776					
11,300.0	7,133.0	7,207.7	7,151.5	83.3	16.7	-92.27	4,274.8	-1,648.4	374.8	277.9	96.83	3.871					
11,400.0	7,133.0	7,207.6	7,151.4	85.1	16.7	-92.23	4,274.8	-1,648.4	308.7	210.0	98.70	3.127					
11,500.0	7,133.0	7,207.4	7,151.2	86.9	16.7	-92.19	4,274.8	-1,648.4	264.7	164.2	100.58	2.632					
11,575.9	7,133.0	7,207.3	7,151.1	88.3	16.7	-92.16	4,274.8	-1,648.4	253.6	151.6	102.01	2.486	CC, ES, SF				
11,600.0	7,133.0	7,207.2	7,151.0	88.7	16.7	-92.15	4,274.8	-1,648.4	254.8	152.3	102.46	2.486					
11,700.0	7,133.0	7,207.1	7,150.9	90.6	16.7	-92.12	4,274.8	-1,648.4	282.4	178.0	104.35	2.706					
11,783.6	7,133.0	7,206.9	7,150.7	92.1	16.7	-92.09	4,274.8	-1,648.4	327.8	221.9	105.92	3.095					

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 11-29 Pad Sec.29-T6N-R65W - Matrix 12-29 - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 615-Reference												Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,600.0	7,133.0	7,458.4	7,155.3	53.6	33.4	-92.76	3,044.7	-1,674.1	799.4	717.1	82.23	9.721	
9,700.0	7,133.0	7,456.4	7,153.4	55.3	33.4	-92.37	3,044.8	-1,674.0	707.0	622.9	84.07	8.409	
9,800.0	7,133.0	7,454.4	7,151.4	57.0	33.4	-91.97	3,044.8	-1,674.0	616.9	531.0	85.92	7.180	
9,900.0	7,133.0	7,452.4	7,149.4	58.6	33.4	-91.58	3,044.9	-1,674.0	530.4	442.7	87.77	6.044	
10,000.0	7,133.0	7,450.4	7,147.4	60.3	33.4	-91.17	3,044.9	-1,674.0	449.6	360.0	89.62	5.016	
10,100.0	7,133.0	7,448.4	7,145.3	62.0	33.4	-90.77	3,044.9	-1,674.0	378.0	286.5	91.48	4.132	
10,200.0	7,133.0	7,446.3	7,143.3	63.8	33.4	-90.36	3,045.0	-1,674.0	321.9	228.6	93.35	3.449	
10,300.0	7,133.0	7,444.3	7,141.2	65.5	33.4	-89.94	3,045.0	-1,674.0	290.5	195.3	95.21	3.051	
10,346.3	7,133.0	7,443.3	7,140.2	66.3	33.4	-89.75	3,045.1	-1,674.0	286.8	190.7	96.08	2.985 CC, ES, SF	
10,400.0	7,133.0	7,442.2	7,139.1	67.2	33.4	-89.53	3,045.1	-1,674.0	291.8	194.7	97.08	3.005	
10,500.0	7,133.0	7,440.1	7,137.0	69.0	33.4	-89.10	3,045.1	-1,674.0	325.3	226.4	98.94	3.288	
10,600.0	7,133.0	7,437.9	7,134.9	70.8	33.4	-88.68	3,045.2	-1,674.0	382.8	282.0	100.81	3.798	
10,700.0	7,133.0	7,435.8	7,132.7	72.5	33.4	-88.25	3,045.2	-1,674.0	455.3	352.6	102.67	4.434	
10,800.0	7,133.0	7,433.6	7,130.6	74.3	33.4	-87.82	3,045.3	-1,673.9	536.6	432.1	104.54	5.133	
10,900.0	7,133.0	7,431.4	7,128.4	76.1	33.4	-87.38	3,045.3	-1,673.9	623.4	517.0	106.40	5.859	
11,000.0	7,133.0	7,429.2	7,126.2	77.9	33.4	-86.94	3,045.4	-1,673.9	713.7	605.4	108.25	6.593	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 11-29 Pad Sec.29-T6N-R65W - Matrix CNW-29 - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 648-												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,200.0	7,133.0	7,305.6	7,116.0	63.8	25.7	85.73	3,618.0	-1,049.9	792.8	708.3	84.49	9.384	
10,300.0	7,133.0	7,309.1	7,119.5	65.5	25.7	86.31	3,618.1	-1,049.9	703.9	617.5	86.41	8.146	
10,400.0	7,133.0	7,312.6	7,123.0	67.2	25.7	86.89	3,618.2	-1,049.9	618.4	530.0	88.33	7.001	
10,500.0	7,133.0	7,316.0	7,126.4	69.0	25.7	87.47	3,618.3	-1,049.9	537.8	447.6	90.25	5.959	
10,600.0	7,133.0	7,319.3	7,129.8	70.8	25.7	88.03	3,618.4	-1,049.8	464.9	372.7	92.16	5.044	
10,700.0	7,133.0	7,322.6	7,133.1	72.5	25.7	88.58	3,618.5	-1,049.8	403.7	309.6	94.07	4.291	
10,800.0	7,133.0	7,325.8	7,136.3	74.3	25.7	89.12	3,618.6	-1,049.8	360.2	264.2	95.98	3.753	
10,900.0	7,133.0	7,329.0	7,139.4	76.1	25.7	89.65	3,618.8	-1,049.8	341.4	243.5	97.88	3.488	
10,916.1	7,133.0	7,329.5	7,140.0	76.4	25.7	89.74	3,618.8	-1,049.8	341.0	242.8	98.19	3.473	CC, ES, SF
11,000.0	7,133.0	7,332.1	7,142.6	77.9	25.7	90.18	3,618.9	-1,049.8	351.2	251.4	99.78	3.519	
11,100.0	7,133.0	7,335.2	7,145.6	79.7	25.7	90.69	3,618.9	-1,049.8	387.4	285.7	101.68	3.810	
11,200.0	7,133.0	7,338.2	7,148.6	81.5	25.7	91.20	3,619.0	-1,049.8	443.6	340.1	103.57	4.284	
11,300.0	7,133.0	7,341.1	7,151.6	83.3	25.7	91.69	3,619.1	-1,049.7	513.3	407.9	105.45	4.868	
11,400.0	7,133.0	7,344.1	7,154.5	85.1	25.7	92.18	3,619.2	-1,049.7	591.8	484.5	107.33	5.514	
11,500.0	7,133.0	7,346.9	7,157.4	86.9	25.7	92.66	3,619.3	-1,049.7	675.9	566.7	109.20	6.190	
11,600.0	7,133.0	7,349.7	7,160.2	88.7	25.7	93.13	3,619.4	-1,049.7	763.9	652.8	111.07	6.878	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	-77.86	60.1	-279.4	285.9					
100.0	100.0	89.7	89.7	0.1	0.1	-77.87	60.1	-279.7	286.1	285.9	0.21	1,340.649		
200.0	200.0	189.0	189.0	0.3	0.3	-77.80	60.6	-280.4	286.9	286.3	0.62	461.335		
300.0	300.0	288.7	288.6	0.6	0.5	-77.09	64.3	-280.6	287.9	286.8	1.07	268.477		
400.0	400.0	383.0	382.6	0.8	0.7	-75.57	72.3	-280.8	290.1	288.6	1.53	189.435		
500.0	500.0	475.0	473.9	1.0	1.0	-73.51	83.6	-282.4	295.0	293.1	2.00	147.670		
600.0	600.0	565.1	562.8	1.2	1.3	-71.16	97.5	-285.6	303.1	300.6	2.49	121.938		
700.0	700.0	659.6	655.9	1.5	1.6	-68.73	113.0	-290.3	313.6	310.6	3.01	104.234		
800.0	800.0	754.6	749.4	1.7	2.0	-66.44	129.1	-295.9	325.6	322.0	3.56	91.383		
900.0	900.0	844.2	837.1	1.9	2.4	40.35	145.8	-302.3	338.7	334.7	4.06	83.528		
1,000.0	999.8	928.0	918.8	2.1	2.7	42.65	163.2	-309.9	352.7	348.2	4.52	78.003		
1,100.0	1,099.5	1,022.0	1,009.7	2.3	3.2	45.45	184.5	-320.7	368.1	363.0	5.03	73.206		
1,200.0	1,198.7	1,102.8	1,087.3	2.6	3.6	47.88	203.9	-332.1	385.0	379.5	5.50	70.050		
1,300.0	1,297.5	1,185.2	1,165.8	2.8	4.1	50.28	224.3	-346.2	403.7	397.8	5.98	67.535		
1,400.0	1,395.6	1,269.5	1,245.6	3.2	4.6	52.58	245.6	-363.8	424.6	418.1	6.48	65.533		
1,461.8	1,455.9	1,322.7	1,295.6	3.4	5.0	53.91	258.8	-376.3	438.0	431.2	6.81	64.330		
1,500.0	1,493.1	1,355.8	1,326.5	3.6	5.2	54.85	267.1	-384.4	446.7	439.7	7.02	63.591		
1,600.0	1,590.5	1,441.9	1,406.8	4.0	5.8	57.16	289.4	-406.2	471.2	463.6	7.61	61.910		
1,700.0	1,687.8	1,530.6	1,488.8	4.4	6.4	59.39	313.9	-429.2	498.3	490.1	8.23	60.540		
1,800.0	1,785.1	1,625.0	1,576.0	4.8	7.1	61.41	339.5	-454.7	526.3	517.4	8.89	59.198		
1,900.0	1,882.5	1,718.5	1,662.4	5.3	7.8	63.16	364.6	-480.4	555.0	545.4	9.57	57.969		
2,000.0	1,979.8	1,809.2	1,746.0	5.8	8.4	64.71	389.2	-505.4	584.4	574.1	10.28	56.848		
2,100.0	2,077.2	1,899.1	1,828.5	6.2	9.1	66.06	414.0	-531.0	615.2	604.1	11.01	55.874		
2,200.0	2,174.5	1,997.7	1,919.2	6.7	9.8	67.39	440.9	-559.0	645.9	634.2	11.78	54.832		
2,300.0	2,271.9	2,092.7	2,006.6	7.2	10.5	68.59	466.8	-585.6	676.6	664.1	12.56	53.891		
2,400.0	2,369.2	2,186.3	2,092.8	7.7	11.2	69.67	492.3	-611.7	707.6	694.3	13.36	52.983		
2,500.0	2,466.6	2,276.9	2,176.2	8.2	11.9	70.67	517.3	-636.7	738.9	724.8	14.17	52.165		
2,600.0	2,563.9	2,366.6	2,258.5	8.6	12.6	71.56	542.7	-662.1	771.4	756.4	14.99	51.467		
8,100.0	7,133.0	7,507.4	7,120.3	33.5	41.5	-89.27	1,519.5	-1,713.1	795.3	737.3	57.99	13.713		
8,200.0	7,133.0	7,507.1	7,120.0	34.4	41.5	-89.23	1,519.5	-1,713.1	705.9	646.6	59.32	11.899		
8,300.0	7,133.0	7,506.9	7,119.7	35.3	41.5	-89.19	1,519.5	-1,713.1	619.7	559.0	60.72	10.206		
8,400.0	7,133.0	7,506.6	7,119.5	36.4	41.5	-89.14	1,519.5	-1,713.1	538.4	476.2	62.18	8.659		
8,500.0	7,133.0	7,506.3	7,119.2	37.6	41.5	-89.10	1,519.5	-1,713.1	464.4	400.7	63.69	7.291		
8,600.0	7,133.0	7,506.1	7,118.9	38.8	41.5	-89.05	1,519.5	-1,713.1	401.8	336.6	65.24	6.159		
8,700.0	7,133.0	7,505.8	7,118.7	40.1	41.5	-89.01	1,519.5	-1,713.1	356.7	289.9	66.83	5.337		
8,800.0	7,133.0	7,505.5	7,118.4	41.4	41.5	-88.96	1,519.5	-1,713.1	336.2	267.7	68.46	4.911		
8,821.0	7,133.0	7,505.5	7,118.4	41.7	41.5	-88.95	1,519.5	-1,713.1	335.5	266.7	68.81	4.876 ES, SF		
8,900.0	7,133.0	7,505.3	7,118.1	42.8	41.5	-88.91	1,519.5	-1,713.1	344.7	274.6	70.11	4.916		
9,000.0	7,133.0	7,505.0	7,117.9	44.3	41.5	-88.87	1,519.5	-1,713.1	380.3	308.5	71.79	5.297		
9,100.0	7,133.0	7,504.7	7,117.6	45.8	41.5	-88.82	1,519.5	-1,713.1	436.4	362.9	73.49	5.937		
9,200.0	7,133.0	7,504.4	7,117.3	47.3	41.5	-88.77	1,519.5	-1,713.1	506.2	430.9	75.21	6.730		
9,300.0	7,133.0	7,504.2	7,117.0	48.8	41.5	-88.73	1,519.5	-1,713.1	584.8	507.9	76.95	7.600		
9,400.0	7,133.0	7,503.9	7,116.8	50.4	41.5	-88.68	1,519.5	-1,713.1	669.2	590.5	78.70	8.502		
9,500.0	7,133.0	7,503.6	7,116.5	52.0	41.5	-88.63	1,519.5	-1,713.1	757.4	676.9	80.47	9.412		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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-													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	-76.84	60.1	-257.2	264.2					
100.0	100.0	91.2	91.2	0.1	0.1	-76.85	60.1	-257.2	264.1	263.9	0.22	1,227.479		
200.0	200.0	191.0	191.0	0.3	0.2	-76.85	60.1	-257.4	264.3	263.7	0.55	478.702		
300.0	300.0	290.7	290.7	0.6	0.3	-76.87	60.1	-257.6	264.5	263.6	0.89	297.575		
400.0	400.0	390.4	390.4	0.8	0.4	-76.88	60.1	-258.0	264.9	263.7	1.23	216.089		
500.0	500.0	490.1	490.1	1.0	0.6	-76.90	60.1	-258.5	265.4	263.8	1.56	169.804		
600.0	600.0	589.8	589.8	1.2	0.7	-76.93	60.1	-259.0	265.9	264.0	1.90	139.992		
700.0	700.0	690.4	690.4	1.5	0.8	-76.96	60.1	-259.7	266.5	264.3	2.28	116.989		
800.0	800.0	790.1	790.1	1.7	1.0	-77.00	60.0	-260.0	266.8	264.1	2.70	98.726		
900.0	900.0	889.4	889.4	1.9	1.2	-27.65	59.6	-260.9	266.1	262.9	3.12	85.381		
1,000.0	999.8	989.0	989.0	2.1	1.4	28.17	59.6	-261.7	262.2	258.7	3.52	74.566		
1,100.0	1,099.5	1,081.0	1,080.9	2.3	1.6	29.36	61.3	-263.1	256.5	252.6	3.91	65.605		
1,200.0	1,198.7	1,171.7	1,171.5	2.6	1.8	30.89	63.7	-267.9	251.8	247.5	4.32	58.320		
1,300.0	1,297.5	1,263.2	1,262.6	2.8	2.0	32.67	66.1	-275.8	247.5	242.7	4.75	52.115		
1,400.0	1,395.6	1,354.8	1,353.5	3.2	2.3	34.38	67.3	-287.3	243.8	238.6	5.21	46.813		
1,461.8	1,455.9	1,411.6	1,409.6	3.4	2.5	35.55	68.1	-295.9	241.8	236.3	5.51	43.869		
1,500.0	1,493.1	1,446.4	1,443.9	3.6	2.6	36.27	68.7	-301.8	240.9	235.2	5.71	42.153		
1,541.5	1,533.6	1,484.2	1,481.1	3.7	2.7	37.02	69.3	-308.7	240.6	234.6	5.94	40.484 CC, ES		
1,600.0	1,590.5	1,538.2	1,534.0	4.0	2.9	38.02	70.2	-319.6	241.1	234.9	6.27	38.430		
1,700.0	1,687.8	1,630.4	1,623.8	4.4	3.3	39.51	72.0	-340.3	244.6	237.8	6.87	35.586		
1,800.0	1,785.1	1,721.4	1,711.6	4.8	3.7	40.67	74.0	-363.9	251.6	244.1	7.51	33.518		
1,900.0	1,882.5	1,811.8	1,798.0	5.3	4.1	41.54	76.6	-390.6	262.2	254.0	8.17	32.098		
2,000.0	1,979.8	1,904.0	1,885.1	5.8	4.7	42.16	79.7	-420.5	276.0	267.1	8.87	31.114		
2,100.0	2,077.2	1,998.2	1,973.4	6.2	5.3	42.55	83.0	-453.1	291.6	282.0	9.59	30.417		
2,200.0	2,174.5	2,092.0	2,060.9	6.7	5.9	42.88	86.9	-486.7	308.9	298.5	10.33	29.907		
2,300.0	2,271.9	2,184.5	2,146.5	7.2	6.6	43.29	92.3	-521.3	328.3	317.3	11.07	29.663		
2,400.0	2,369.2	2,289.5	2,244.0	7.7	7.3	43.58	97.3	-560.2	347.0	335.2	11.84	29.303		
2,500.0	2,466.6	2,393.8	2,341.3	8.2	7.9	43.85	101.6	-597.4	364.1	351.4	12.60	28.882		
2,600.0	2,563.9	2,492.9	2,434.4	8.6	8.6	44.35	106.5	-630.9	379.9	366.5	13.39	28.369		
2,700.0	2,661.2	2,589.1	2,524.5	9.1	9.2	44.69	111.0	-664.3	396.4	382.2	14.19	27.933		
2,800.0	2,758.6	2,684.4	2,613.4	9.6	9.9	44.80	114.5	-698.4	413.4	398.4	15.00	27.569		
2,900.0	2,855.9	2,775.2	2,697.6	10.1	10.6	44.82	117.9	-732.2	431.7	415.9	15.79	27.344		
3,000.0	2,953.3	2,867.8	2,782.9	10.6	11.4	44.81	122.0	-768.0	451.8	435.2	16.60	27.221		
3,100.0	3,050.6	2,975.6	2,882.2	11.1	12.2	44.75	126.5	-809.9	471.8	454.3	17.45	27.034		
3,200.0	3,148.0	3,073.9	2,973.6	11.6	12.9	44.82	130.3	-845.9	489.7	471.4	18.26	26.825		
3,300.0	3,245.3	3,170.0	3,062.8	12.1	13.6	45.06	135.8	-881.0	508.4	489.4	19.08	26.643		
3,400.0	3,342.6	3,278.1	3,163.5	12.6	14.4	45.35	141.9	-919.8	526.6	506.6	19.97	26.375		
3,500.0	3,440.0	3,379.6	3,258.6	13.1	15.1	45.63	147.1	-954.9	543.2	522.4	20.81	26.099		
3,600.0	3,537.3	3,481.3	3,353.9	13.6	15.8	45.80	151.3	-990.1	559.4	537.7	21.67	25.820		
3,700.0	3,634.7	3,572.8	3,439.6	14.1	16.4	45.92	155.0	-1,022.2	576.0	553.5	22.48	25.623		
3,800.0	3,732.0	3,673.2	3,533.3	14.6	17.2	46.00	158.9	-1,058.0	592.9	569.6	23.33	25.409		
3,900.0	3,829.4	3,760.0	3,614.1	15.1	17.8	46.02	162.1	-1,089.4	610.3	586.2	24.13	25.294		
4,000.0	3,926.7	3,854.0	3,701.2	15.6	18.5	46.06	166.4	-1,124.5	629.2	604.2	24.97	25.202		
4,100.0	4,024.0	3,948.2	3,788.2	16.1	19.3	46.09	171.3	-1,160.4	649.1	623.3	25.81	25.149		
4,200.0	4,121.4	4,043.0	3,875.5	16.6	20.1	46.11	176.3	-1,196.9	669.4	642.7	26.66	25.105		
4,300.0	4,218.7	4,148.0	3,972.3	17.1	20.9	46.10	181.3	-1,237.3	689.4	661.9	27.54	25.036		
4,400.0	4,316.1	4,260.6	4,076.9	17.6	21.7	46.13	186.0	-1,278.9	707.7	679.3	28.43	24.895		
4,500.0	4,413.4	4,361.4	4,170.8	18.1	22.4	46.15	189.7	-1,315.1	724.8	695.6	29.27	24.762		
4,600.0	4,510.8	4,456.7	4,259.5	18.6	23.1	46.14	192.9	-1,349.8	742.2	712.1	30.10	24.656		
4,700.0	4,608.1	4,552.5	4,348.7	19.1	23.9	46.15	196.5	-1,384.8	759.9	729.0	30.94	24.560		
4,800.0	4,705.5	4,653.6	4,442.6	19.6	24.6	46.17	200.6	-1,421.9	777.9	746.1	31.80	24.463		
4,900.0	4,802.8	4,786.4	4,567.1	20.1	25.5	46.25	205.0	-1,467.9	793.9	761.1	32.78	24.217		

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 13-29 PAD Sec.29-T6N-R65W - Matrix 14-29 - Wellbore #1 - Wellbore #1		Offset Site Error: 0.0 ft											
Survey Program: 643-Reference													Offset Well Error: 0.0 ft													
		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														
5,700.0	5,581.5	5,775.7	5,536.4	24.1	29.1	52.38	221.9	-1,645.2	798.2	757.1	41.11	19.418														
5,800.0	5,678.9	5,883.7	5,644.3	24.6	29.3	53.68	223.2	-1,649.9	788.5	746.3	42.21	18.680														
5,900.0	5,776.2	5,998.9	5,759.5	25.1	29.4	55.18	223.9	-1,652.5	777.0	733.7	43.39	17.907														
6,000.0	5,873.6	6,106.3	5,866.9	25.6	29.5	56.62	223.2	-1,653.6	764.3	719.8	44.53	17.162														
6,100.0	5,970.9	6,204.2	5,964.7	26.1	29.6	58.01	222.5	-1,653.7	751.4	705.7	45.64	16.463														
6,200.0	6,068.3	6,301.7	6,062.3	26.6	29.7	59.46	222.0	-1,653.7	738.9	692.2	46.76	15.801														
														6,300.0	6,165.6	6,395.7	6,156.3	27.1	29.8	60.92	221.8	-1,653.7	727.2	679.3	47.88	15.186
														6,400.0	6,262.9	6,496.3	6,256.9	27.7	29.9	62.50	221.5	-1,654.0	716.0	667.0	49.05	14.596
														6,500.0	6,360.3	6,594.3	6,354.9	28.2	30.0	64.10	220.9	-1,654.1	705.1	654.9	50.22	14.041
														6,536.1	6,395.4	6,628.7	6,389.3	28.3	30.0	64.67	220.7	-1,654.1	701.3	650.7	50.63	13.852
														6,550.0	6,409.0	6,642.0	6,402.6	28.4	30.0	60.12	220.6	-1,654.1	699.8	649.0	50.78	13.780
														6,600.0	6,457.7	6,690.0	6,450.6	28.6	30.0	43.04	220.5	-1,654.1	692.6	641.5	51.11	13.552
														6,650.0	6,506.3	6,737.5	6,498.1	28.8	30.1	27.07	220.4	-1,654.1	683.0	631.9	51.12	13.360
														6,700.0	6,554.6	6,784.9	6,545.5	29.0	30.1	14.03	220.3	-1,654.3	670.8	620.0	50.81	13.201
														6,750.0	6,602.3	6,831.2	6,591.7	29.1	30.2	3.94	220.3	-1,654.4	656.1	605.9	50.19	13.072
														6,800.0	6,649.2	6,876.7	6,637.3	29.3	30.2	-3.97	220.3	-1,654.7	638.9	589.6	49.25	12.971
														6,850.0	6,695.0	6,922.6	6,683.2	29.4	30.3	-10.48	220.4	-1,655.0	619.3	571.3	48.02	12.896
														6,900.0	6,739.6	6,967.4	6,728.0	29.5	30.3	-16.18	220.6	-1,655.2	597.4	550.9	46.52	12.841
														6,950.0	6,782.7	7,009.8	6,770.4	29.7	30.4	-21.50	220.8	-1,655.3	573.3	528.5	44.80	12.797
														7,000.0	6,824.0	7,050.5	6,811.1	29.8	30.4	-26.75	221.0	-1,655.5	547.4	504.4	42.92	12.752
														7,050.0	6,863.5	7,090.0	6,850.5	29.9	30.4	-32.21	221.3	-1,655.7	519.8	478.8	41.00	12.679
														7,100.0	6,900.9	7,127.7	6,888.2	29.9	30.5	-38.04	221.6	-1,655.9	490.8	451.6	39.17	12.529
														7,150.0	6,936.1	7,163.2	6,923.7	30.0	30.5	-44.34	221.8	-1,656.1	460.9	423.2	37.65	12.242
														7,200.0	6,968.7	7,196.8	6,957.3	30.1	30.5	-51.14	222.1	-1,656.2	430.5	393.9	36.61	11.760
														7,250.0	6,998.8	7,227.6	6,988.2	30.2	30.6	-58.29	222.2	-1,656.3	400.4	364.3	36.16	11.076
														7,300.0	7,026.2	7,255.6	7,016.1	30.3	30.6	-65.49	222.4	-1,656.3	371.5	335.3	36.21	10.261
														7,350.0	7,050.6	7,280.1	7,040.7	30.3	30.6	-72.33	222.5	-1,656.4	344.9	308.4	36.54	9.440
														7,400.0	7,072.1	7,301.7	7,062.2	30.4	30.6	-78.48	222.6	-1,656.4	322.1	285.2	36.90	8.729
														7,450.0	7,090.4	7,320.1	7,080.6	30.5	30.7	-83.66	222.7	-1,656.5	304.6	267.5	37.13	8.204
														7,500.0	7,105.6	7,335.3	7,095.9	30.6	30.7	-87.64	222.7	-1,656.6	294.1	256.9	37.21	7.903
														7,537.4	7,114.8	7,344.5	7,105.1	30.7	30.7	-89.77	222.8	-1,656.6	291.7	254.4	37.23	7.834 SF
														7,550.0	7,117.5	7,347.3	7,107.8	30.7	30.7	-90.31	222.8	-1,656.6	291.9	254.7	37.23	7.841
														7,600.0	7,126.0	7,356.1	7,116.7	30.9	30.7	-91.65	222.8	-1,656.6	298.7	261.4	37.30	8.007
														7,650.0	7,131.2	7,361.5	7,122.1	31.0	30.7	-91.56	222.8	-1,656.7	314.0	276.5	37.54	8.363
														7,701.4	7,133.0	7,363.5	7,124.1	31.2	30.7	-89.92	222.8	-1,656.7	337.6	299.5	38.04	8.873
														7,800.0	7,133.0	7,363.8	7,124.4	31.6	30.7	-89.98	222.8	-1,656.7	398.3	359.3	38.96	10.224
														7,900.0	7,133.0	7,364.2	7,124.7	32.1	30.7	-90.05	222.8	-1,656.7	473.1	433.1	39.98	11.833
														8,000.0	7,133.0	7,364.5	7,125.0	32.7	30.7	-90.11	222.8	-1,656.7	555.9	514.8	41.12	13.519
														8,100.0	7,133.0	7,364.8	7,125.4	33.5	30.7	-90.17	222.8	-1,656.7	643.6	601.2	42.35	15.197
														8,200.0	7,133.0	7,365.1	7,125.7	34.4	30.7	-90.24	222.8	-1,656.7	734.4	690.8	43.67	16.820

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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										
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	-78.47	38.3	-187.6	191.6					
100.0	100.0	92.4	92.4	0.1	0.1	-78.44	38.3	-187.3	191.2	191.0	0.22	883.594		
200.0	200.0	191.9	191.9	0.3	0.3	-78.37	38.5	-187.0	190.9	190.2	0.65	295.235		
270.4	270.4	262.0	262.0	0.5	0.5	-78.20	39.0	-186.8	190.8	189.8	0.95	199.992 CC		
300.0	300.0	291.0	291.0	0.6	0.5	-78.07	39.5	-186.7	190.8	189.7	1.08	176.008 ES		
400.0	400.0	389.0	388.9	0.8	0.7	-77.19	42.5	-187.0	191.8	190.3	1.53	125.370		
500.0	500.0	488.7	488.4	1.0	1.0	-75.49	48.4	-186.9	193.1	191.1	1.99	97.257		
600.0	600.0	586.0	585.5	1.2	1.2	-73.18	56.5	-186.9	195.4	192.9	2.44	80.018		
700.0	700.0	681.9	680.8	1.5	1.5	-70.48	66.6	-188.0	199.7	196.8	2.90	68.777		
800.0	800.0	777.7	775.6	1.7	1.8	-67.01	80.2	-189.1	206.0	202.7	3.39	60.736		
900.0	900.0	869.8	866.0	1.9	2.1	41.82	97.4	-190.7	214.4	210.5	3.93	54.490		
1,000.0	999.8	961.7	955.6	2.1	2.5	46.86	118.1	-193.6	224.9	220.4	4.44	50.631		
1,100.0	1,099.5	1,054.5	1,045.1	2.3	2.9	52.87	142.5	-195.6	236.8	231.8	4.97	47.641		
1,200.0	1,198.7	1,143.4	1,129.8	2.6	3.4	59.25	169.2	-196.5	251.9	246.4	5.51	45.754		
1,300.0	1,297.5	1,231.0	1,212.7	2.8	3.9	65.50	197.6	-197.8	271.2	265.1	6.05	44.804		
1,400.0	1,395.6	1,317.3	1,293.9	3.2	4.4	71.30	226.7	-199.7	294.7	288.1	6.62	44.544 SF		
1,461.8	1,455.9	1,367.9	1,341.3	3.4	4.8	74.52	244.6	-201.1	311.6	304.7	6.98	44.672		
1,500.0	1,493.1	1,399.1	1,370.2	3.6	5.0	76.62	256.0	-202.0	323.1	315.9	7.20	44.874		
1,600.0	1,590.5	1,488.0	1,452.8	4.0	5.6	81.94	288.8	-205.0	355.9	348.1	7.81	45.572		
1,700.0	1,687.8	1,584.2	1,542.6	4.4	6.1	86.61	323.3	-209.0	390.4	382.0	8.42	46.359		
1,800.0	1,785.1	1,680.3	1,632.7	4.8	6.7	90.41	356.2	-213.4	425.3	416.2	9.04	47.017		
1,900.0	1,882.5	1,773.9	1,720.9	5.3	7.2	93.48	387.3	-218.2	460.5	450.9	9.69	47.528		
2,000.0	1,979.8	1,876.8	1,818.4	5.8	7.8	96.41	419.9	-223.0	495.3	484.9	10.37	47.763		
2,100.0	2,077.2	1,972.8	1,909.8	6.2	8.3	98.83	448.9	-226.8	529.5	518.4	11.05	47.925		
2,200.0	2,174.5	2,068.1	2,000.7	6.7	8.9	101.02	477.2	-229.9	563.8	552.1	11.74	48.022		
2,300.0	2,271.9	2,164.8	2,093.3	7.2	9.4	103.03	504.9	-232.7	597.8	585.3	12.45	48.020		
2,400.0	2,369.2	2,243.5	2,168.4	7.7	9.8	104.55	528.2	-234.3	633.3	620.1	13.13	48.246		
2,500.0	2,466.6	2,332.1	2,252.8	8.2	10.3	106.11	555.5	-236.0	670.4	656.5	13.85	48.417		
2,600.0	2,563.9	2,431.8	2,347.7	8.6	10.9	107.62	585.8	-238.7	707.5	692.9	14.59	48.478		
2,700.0	2,661.2	2,518.5	2,430.4	9.1	11.4	108.83	612.0	-240.6	744.7	729.4	15.31	48.657		
2,800.0	2,758.6	2,605.6	2,513.2	9.6	11.9	109.96	638.7	-242.2	782.9	766.8	16.03	48.841		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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-													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	-82.58	27.3	-209.8	211.8					
100.0	100.0	91.5	91.5	0.1	0.1	-82.58	27.3	-209.8	211.6	211.4	0.22	983.191		
200.0	200.0	191.5	191.5	0.3	0.3	-82.58	27.3	-209.8	211.6	211.0	0.66	322.978		
300.0	300.0	291.5	291.5	0.6	0.5	-82.58	27.3	-209.8	211.6	210.5	1.10	191.552		
400.0	400.0	391.5	391.5	0.8	0.8	-82.58	27.3	-209.8	211.6	210.1	1.55	136.150		
500.0	500.0	491.5	491.5	1.0	1.0	-82.58	27.3	-209.8	211.6	209.6	2.00	105.606		
600.0	600.0	591.5	591.5	1.2	1.2	-82.58	27.3	-209.8	211.6	209.2	2.45	86.256		
700.0	700.0	691.5	691.5	1.5	1.4	-82.58	27.3	-209.8	211.6	208.7	2.90	72.898		
800.0	800.0	791.5	791.5	1.7	1.7	-82.58	27.3	-209.8	211.6	208.3	3.35	63.123		
900.0	900.0	891.5	891.5	1.9	1.9	22.21	27.3	-209.8	210.0	206.2	3.78	55.486		
1,000.0	999.8	991.3	991.3	2.1	2.1	22.80	27.3	-209.8	205.2	201.0	4.20	48.803		
1,100.0	1,099.5	1,091.0	1,091.0	2.3	2.3	23.84	27.3	-209.8	197.2	192.5	4.63	42.601		
1,200.0	1,198.7	1,190.2	1,190.2	2.6	2.6	25.45	27.3	-209.8	186.1	181.0	5.06	36.782		
1,300.0	1,297.5	1,289.0	1,289.0	2.8	2.8	27.82	27.3	-209.8	172.0	166.5	5.50	31.276		
1,400.0	1,395.6	1,387.1	1,387.1	3.2	3.0	31.26	27.3	-209.8	155.4	149.4	5.97	26.038		
1,461.8	1,455.9	1,447.4	1,447.4	3.4	3.1	34.16	27.3	-209.8	143.9	137.6	6.28	22.932		
1,500.0	1,493.1	1,484.6	1,484.6	3.6	3.2	36.20	27.3	-209.8	136.7	130.2	6.48	21.080		
1,600.0	1,590.5	1,582.0	1,582.0	4.0	3.4	42.66	27.3	-209.8	118.8	111.7	7.08	16.783		
1,700.0	1,687.8	1,679.3	1,679.3	4.4	3.7	51.19	27.3	-209.8	102.9	95.1	7.76	13.265		
1,800.0	1,785.1	1,776.6	1,776.6	4.8	3.9	62.38	27.3	-209.8	90.1	81.5	8.53	10.561		
1,900.0	1,882.5	1,874.0	1,874.0	5.3	4.1	76.38	27.3	-209.8	81.7	72.4	9.34	8.749		
1,986.3	1,966.4	1,957.9	1,957.9	5.7	4.3	90.00	27.3	-209.8	79.3	69.3	9.99	7.942 CC		
2,000.0	1,979.8	1,971.3	1,971.3	5.8	4.3	92.21	27.3	-209.8	79.4	69.3	10.08	7.877 ES		
2,100.0	2,077.2	2,068.7	2,068.7	6.2	4.5	107.72	27.3	-209.8	83.5	72.9	10.62	7.862 SF		
2,200.0	2,174.5	2,166.0	2,166.0	6.7	4.8	120.99	27.3	-209.8	93.2	82.2	10.99	8.483		
2,300.0	2,271.9	2,263.4	2,263.4	7.2	5.0	131.40	27.3	-209.8	107.0	95.7	11.28	9.487		
2,400.0	2,369.2	2,360.7	2,360.7	7.7	5.2	139.30	27.3	-209.8	123.6	112.0	11.57	10.679		
2,500.0	2,466.6	2,458.1	2,458.1	8.2	5.4	145.29	27.3	-209.8	141.9	130.0	11.89	11.936		
2,600.0	2,563.9	2,555.4	2,555.4	8.6	5.6	149.89	27.3	-209.8	161.4	149.1	12.23	13.192		
2,700.0	2,661.2	2,652.7	2,652.7	9.1	5.9	153.50	27.3	-209.8	181.7	169.0	12.61	14.411		
2,800.0	2,758.6	2,750.1	2,750.1	9.6	6.1	156.38	27.3	-209.8	202.5	189.5	13.00	15.576		
2,900.0	2,855.9	2,847.4	2,847.4	10.1	6.3	158.72	27.3	-209.8	223.7	210.3	13.41	16.681		
3,000.0	2,953.3	2,944.8	2,944.8	10.6	6.5	160.65	27.3	-209.8	245.3	231.5	13.84	17.725		
3,100.0	3,050.6	3,042.1	3,042.1	11.1	6.7	162.28	27.3	-209.8	267.1	252.8	14.27	18.709		
3,200.0	3,148.0	3,139.5	3,139.5	11.6	6.9	163.66	27.3	-209.8	289.0	274.3	14.72	19.635		
3,300.0	3,245.3	3,236.8	3,236.8	12.1	7.2	164.84	27.3	-209.8	311.1	295.9	15.17	20.507		
3,400.0	3,342.6	3,334.1	3,334.1	12.6	7.4	165.87	27.3	-209.8	333.3	317.6	15.63	21.328		
3,500.0	3,440.0	3,431.5	3,431.5	13.1	7.6	166.77	27.3	-209.8	355.5	339.5	16.09	22.102		
3,600.0	3,537.3	3,528.8	3,528.8	13.6	7.8	167.56	27.3	-209.8	377.9	361.4	16.55	22.833		
3,700.0	3,634.7	3,626.2	3,626.2	14.1	8.0	168.27	27.3	-209.8	400.3	383.3	17.02	23.523		
3,800.0	3,732.0	3,723.5	3,723.5	14.6	8.3	168.90	27.3	-209.8	422.8	405.3	17.49	24.175		
3,900.0	3,829.4	3,820.9	3,820.9	15.1	8.5	169.46	27.3	-209.8	445.3	427.3	17.96	24.793		
4,000.0	3,926.7	3,918.2	3,918.2	15.6	8.7	169.98	27.3	-209.8	467.8	449.4	18.43	25.379		
4,100.0	4,024.0	4,015.5	4,015.5	16.1	8.9	170.44	27.3	-209.8	490.4	471.5	18.91	25.934		
4,200.0	4,121.4	4,112.9	4,112.9	16.6	9.1	170.87	27.3	-209.8	513.0	493.6	19.39	26.462		
4,300.0	4,218.7	4,210.2	4,210.2	17.1	9.4	171.26	27.3	-209.8	535.7	515.8	19.87	26.965		
4,400.0	4,316.1	4,307.6	4,307.6	17.6	9.6	171.61	27.3	-209.8	558.3	538.0	20.34	27.443		
4,500.0	4,413.4	4,404.9	4,404.9	18.1	9.8	171.94	27.3	-209.8	581.0	560.2	20.83	27.898		
4,600.0	4,510.8	4,502.3	4,502.3	18.6	10.0	172.25	27.3	-209.8	603.7	582.4	21.31	28.333		
4,700.0	4,608.1	4,599.6	4,599.6	19.1	10.2	172.53	27.3	-209.8	626.4	604.6	21.79	28.748		
4,800.0	4,705.5	4,697.0	4,697.0	19.6	10.4	172.79	27.3	-209.8	649.1	626.8	22.27	29.145		
4,900.0	4,802.8	4,794.3	4,794.3	20.1	10.7	173.04	27.3	-209.8	671.8	649.1	22.75	29.525		

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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-Reference												Offset Well Error:	0.0 ft
Matrix 23-29 Pad Sec.29-T6N-R65W - Matrix 24-29 (Vert.) - Wellbore #1 - Plan #2 (7-22-11)													
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,900.1	4,891.6	4,891.6	20.6	10.9	173.26	27.3	-209.8	694.6	671.3	23.24	29.888	
5,100.0	4,997.5	4,989.0	4,989.0	21.1	11.1	173.48	27.3	-209.8	717.3	693.6	23.72	30.237	
5,200.0	5,094.8	5,086.3	5,086.3	21.6	11.3	173.68	27.3	-209.8	740.1	715.9	24.21	30.571	
5,300.0	5,192.2	5,183.7	5,183.7	22.1	11.5	173.87	27.3	-209.8	762.9	738.2	24.69	30.892	
5,400.0	5,289.5	5,281.0	5,281.0	22.6	11.8	174.05	27.3	-209.8	785.6	760.4	25.18	31.200	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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-													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	-72.55	52.8	-168.1	176.5					
100.0	100.0	89.7	89.7	0.1	0.1	-72.58	52.7	-168.1	176.2	175.9	0.21	823.092		
200.0	200.0	189.9	189.9	0.3	0.2	-72.67	52.4	-168.0	176.0	175.4	0.55	318.751		
300.0	300.0	290.1	290.1	0.6	0.3	-72.82	51.9	-167.9	175.7	174.8	0.89	197.369		
400.0	400.0	390.3	390.3	0.8	0.4	-73.05	51.1	-167.7	175.3	174.1	1.23	142.714		
500.0	500.0	490.5	490.5	1.0	0.6	-73.33	50.1	-167.4	174.8	173.2	1.57	111.579		
600.0	600.0	590.7	590.7	1.2	0.7	-73.69	48.9	-167.1	174.1	172.2	1.90	91.439		
700.0	700.0	690.8	690.8	1.5	0.8	-74.11	47.5	-166.8	173.4	171.1	2.25	76.924		
800.0	800.0	790.4	790.3	1.7	1.0	-74.38	46.5	-166.4	172.8	170.1	2.68	64.548		
900.0	900.0	890.0	890.0	1.9	1.2	30.33	45.8	-166.1	170.8	167.7	3.09	55.266		
1,000.0	999.8	988.4	988.4	2.1	1.4	31.24	45.8	-166.3	166.5	163.0	3.48	47.769		
1,100.0	1,099.5	1,086.4	1,086.3	2.3	1.6	33.58	47.9	-166.7	160.1	156.2	3.88	41.290		
1,200.0	1,198.7	1,182.4	1,182.2	2.6	1.8	37.87	53.1	-167.3	152.8	148.5	4.29	35.634		
1,300.0	1,297.5	1,276.3	1,275.7	2.8	2.0	44.12	61.3	-169.2	146.7	141.9	4.73	30.994		
1,400.0	1,395.6	1,369.2	1,367.9	3.2	2.2	51.90	71.6	-173.2	143.6	138.3	5.24	27.403		
1,416.9	1,412.2	1,384.8	1,383.3	3.2	2.2	53.32	73.6	-174.1	143.5	138.2	5.33	26.901 CC, ES		
1,461.8	1,455.9	1,427.0	1,425.1	3.4	2.3	57.30	79.2	-176.9	144.1	138.5	5.59	25.762		
1,500.0	1,493.1	1,461.9	1,459.6	3.6	2.4	60.59	84.0	-179.7	145.5	139.6	5.83	24.950		
1,600.0	1,590.5	1,557.2	1,553.5	4.0	2.7	68.59	97.0	-189.1	152.6	146.1	6.48	23.537		
1,700.0	1,687.8	1,653.1	1,647.9	4.4	3.0	75.37	110.1	-200.0	163.5	156.3	7.17	22.815		
1,800.0	1,785.1	1,746.6	1,739.7	4.8	3.3	81.18	124.2	-211.1	177.9	170.1	7.86	22.621		
1,900.0	1,882.5	1,838.2	1,829.0	5.3	3.7	85.86	140.3	-223.1	196.8	188.2	8.58	22.934		
2,000.0	1,979.8	1,931.3	1,919.2	5.8	4.1	89.20	158.1	-238.1	219.0	209.7	9.33	23.482		
2,100.0	2,077.2	2,026.9	2,011.2	6.2	4.5	91.39	176.7	-256.1	242.8	232.7	10.09	24.054		
2,200.0	2,174.5	2,121.4	2,102.1	6.7	5.0	93.19	195.4	-273.9	267.1	256.2	10.87	24.576		
2,300.0	2,271.9	2,213.7	2,190.6	7.2	5.4	94.76	215.2	-290.9	293.1	281.5	11.65	25.165		
2,400.0	2,369.2	2,311.7	2,284.6	7.7	5.9	96.28	236.7	-308.4	319.9	307.4	12.46	25.670		
2,500.0	2,466.6	2,409.2	2,378.4	8.2	6.4	97.57	257.0	-325.7	345.7	332.4	13.28	26.032		
2,600.0	2,563.9	2,500.3	2,465.8	8.6	6.9	98.60	276.8	-341.9	372.5	358.4	14.10	26.421		
2,700.0	2,661.2	2,593.1	2,554.6	9.1	7.4	99.48	298.1	-358.7	400.6	385.7	14.94	26.819		
2,800.0	2,758.6	2,685.4	2,642.7	9.6	7.9	100.14	319.6	-376.1	429.1	413.4	15.79	27.181		
2,900.0	2,855.9	2,774.1	2,726.7	10.1	8.4	100.54	341.4	-394.1	459.2	442.5	16.65	27.585		
3,000.0	2,953.3	2,870.7	2,817.5	10.6	9.1	100.62	365.9	-416.1	490.1	472.5	17.55	27.926		
3,100.0	3,050.6	2,974.7	2,915.7	11.1	9.7	100.71	390.7	-439.6	519.5	501.0	18.47	28.125		
3,200.0	3,148.0	3,069.4	3,005.5	11.6	10.2	100.81	412.5	-460.8	548.1	528.8	19.36	28.310		
3,300.0	3,245.3	3,177.2	3,107.4	12.1	10.9	100.83	437.3	-485.7	576.8	556.5	20.32	28.382		
3,400.0	3,342.6	3,271.8	3,197.4	12.6	11.4	100.92	457.0	-506.8	603.3	582.1	21.22	28.427		
3,500.0	3,440.0	3,368.9	3,289.8	13.1	12.0	101.08	478.3	-527.6	630.8	608.7	22.13	28.504		
3,600.0	3,537.3	3,474.8	3,391.0	13.6	12.6	101.32	500.5	-549.6	657.2	634.2	23.07	28.492		
3,700.0	3,634.7	3,569.1	3,481.4	14.1	13.1	101.55	519.5	-568.7	683.0	659.0	23.95	28.511		
3,800.0	3,732.0	3,672.9	3,581.0	14.6	13.7	101.85	540.4	-588.9	708.6	683.7	24.88	28.481		
3,900.0	3,829.4	3,768.5	3,672.5	15.1	14.2	101.96	559.1	-609.4	733.7	707.9	25.79	28.445		
4,000.0	3,926.7	3,859.3	3,758.8	15.6	14.8	101.85	577.1	-631.3	759.3	732.6	26.72	28.419		
4,100.0	4,024.0	3,950.4	3,844.9	16.1	15.3	101.66	595.8	-654.5	785.6	757.9	27.66	28.403		
7,550.0	7,117.5	7,271.0	7,098.9	30.7	26.3	70.59	931.9	-996.9	774.0	734.1	39.84	19.428		
7,600.0	7,126.0	7,279.8	7,107.7	30.9	26.3	76.82	931.9	-996.7	732.3	691.4	40.93	17.892		
7,650.0	7,131.2	7,285.2	7,113.0	31.0	26.4	82.95	931.9	-996.7	690.8	648.9	41.98	16.458		
7,701.4	7,133.0	7,287.1	7,115.0	31.2	26.4	88.86	931.9	-996.6	648.7	605.8	42.90	15.121		
7,800.0	7,133.0	7,287.4	7,115.3	31.6	26.4	88.90	931.9	-996.6	571.4	527.5	43.82	13.039		
7,900.0	7,133.0	7,287.7	7,115.5	32.1	26.4	88.94	931.9	-996.6	500.7	455.8	44.86	11.161		
8,000.0	7,133.0	7,288.0	7,115.8	32.7	26.4	88.98	931.9	-996.6	441.4	395.4	46.01	9.594		
8,100.0	7,133.0	7,288.2	7,116.1	33.5	26.4	89.02	932.0	-996.6	398.8	351.6	47.25	8.440		

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,200.0	7,133.0	7,288.5	7,116.3	34.4	26.4	89.07	932.0	-996.6	378.5	329.9	48.58	7.790	
8,229.0	7,133.0	7,288.6	7,116.4	34.6	26.4	89.08	932.0	-996.6	377.4	328.4	48.99	7.703	
8,300.0	7,133.0	7,288.8	7,116.6	35.3	26.4	89.11	932.0	-996.6	384.0	334.0	49.98	7.683 SF	
8,400.0	7,133.0	7,289.0	7,116.9	36.4	26.4	89.15	932.0	-996.6	414.3	362.9	51.44	8.054	
8,500.0	7,133.0	7,289.3	7,117.2	37.6	26.4	89.19	932.0	-996.6	464.6	411.6	52.95	8.774	
8,600.0	7,133.0	7,289.6	7,117.4	38.8	26.4	89.23	932.0	-996.6	529.2	474.7	54.50	9.709	
8,700.0	7,133.0	7,289.8	7,117.7	40.1	26.4	89.27	932.0	-996.6	603.5	547.4	56.10	10.758	
8,800.0	7,133.0	7,290.1	7,118.0	41.4	26.4	89.31	932.0	-996.6	684.4	626.7	57.72	11.857	
8,900.0	7,133.0	7,290.4	7,118.2	42.8	26.4	89.35	932.0	-996.6	769.8	710.4	59.38	12.965	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	0.0	0.0	0.0	0.0	-120.85	-22.9	-38.4	44.7					
100.0	100.0	100.0	100.0	0.1	0.1	-120.85	-22.9	-38.4	44.7	44.5	0.22	199.031		
200.0	200.0	200.0	200.0	0.3	0.3	-120.85	-22.9	-38.4	44.7	44.1	0.67	66.344 CC, ES		
300.0	300.0	298.6	298.5	0.6	0.5	-119.98	-23.1	-40.1	46.3	45.2	1.11	41.740		
400.0	400.0	396.9	396.7	0.8	0.8	-117.69	-23.7	-45.1	51.1	49.5	1.55	32.900		
500.0	500.0	494.8	494.2	1.0	1.0	-114.71	-24.6	-53.5	59.1	57.1	2.02	29.239		
600.0	600.0	591.9	590.7	1.2	1.3	-111.71	-25.9	-65.0	70.6	68.1	2.53	27.934		
700.0	700.0	688.2	685.9	1.5	1.6	-109.05	-27.5	-79.7	85.4	82.4	3.07	27.819		
800.0	800.0	783.4	779.4	1.7	2.0	-106.85	-29.4	-97.2	103.7	100.0	3.66	28.326		
900.0	900.0	877.7	871.4	1.9	2.4	-0.48	-31.7	-117.7	123.5	119.7	3.84	32.182		
1,000.0	999.8	971.3	962.0	2.1	2.9	0.96	-34.3	-141.0	143.2	138.9	4.27	33.503		
1,100.0	1,099.5	1,064.4	1,051.3	2.3	3.4	2.20	-37.2	-167.0	162.7	158.0	4.72	34.447		
1,200.0	1,198.7	1,157.3	1,139.6	2.6	4.0	3.31	-40.4	-195.9	182.0	176.9	5.19	35.084		
1,300.0	1,297.5	1,255.7	1,232.7	2.8	4.6	4.35	-43.9	-227.8	199.4	193.7	5.68	35.095		
1,400.0	1,395.6	1,354.7	1,326.2	3.2	5.3	5.31	-47.4	-259.8	213.3	207.1	6.17	34.585		
1,461.8	1,455.9	1,416.1	1,384.2	3.4	5.7	5.89	-49.6	-279.7	220.2	213.8	6.49	33.957		
1,500.0	1,493.1	1,454.0	1,420.2	3.6	6.0	6.24	-51.0	-292.0	224.1	217.4	6.69	33.487		
1,600.0	1,590.5	1,553.5	1,514.2	4.0	6.6	7.13	-54.5	-324.1	234.3	227.1	7.24	32.348		
1,700.0	1,687.8	1,652.9	1,608.2	4.4	7.3	7.93	-58.1	-356.3	244.6	236.8	7.81	31.332		
1,800.0	1,785.1	1,752.3	1,702.1	4.8	8.0	8.68	-61.7	-388.5	254.9	246.5	8.38	30.422		
1,900.0	1,882.5	1,851.7	1,796.1	5.3	8.7	9.36	-65.2	-420.7	265.2	256.3	8.96	29.602		
2,000.0	1,979.8	1,951.1	1,890.1	5.8	9.4	10.00	-68.8	-452.8	275.6	266.1	9.55	28.861		
2,100.0	2,077.2	2,050.5	1,984.1	6.2	10.1	10.58	-72.3	-485.0	286.0	275.9	10.15	28.187		
2,200.0	2,174.5	2,150.0	2,078.1	6.7	10.8	11.13	-75.9	-517.2	296.5	285.7	10.75	27.573		
2,300.0	2,271.9	2,249.4	2,172.1	7.2	11.4	11.64	-79.4	-549.4	306.9	295.5	11.36	27.011		
2,400.0	2,369.2	2,348.8	2,266.1	7.7	12.1	12.12	-83.0	-581.6	317.4	305.4	11.98	26.495		
2,500.0	2,466.6	2,448.2	2,360.1	8.2	12.8	12.56	-86.6	-613.7	327.9	315.3	12.60	26.020		
2,600.0	2,563.9	2,547.6	2,454.1	8.6	13.5	12.98	-90.1	-645.9	338.4	325.2	13.23	25.582		
2,700.0	2,661.2	2,647.0	2,548.1	9.1	14.2	13.37	-93.7	-678.1	349.0	335.1	13.86	25.175		
2,800.0	2,758.6	2,746.5	2,642.1	9.6	14.9	13.74	-97.2	-710.3	359.5	345.0	14.50	24.798		
2,900.0	2,855.9	2,845.9	2,736.1	10.1	15.6	14.09	-100.8	-742.4	370.1	354.9	15.14	24.447		
3,000.0	2,953.3	2,945.3	2,830.1	10.6	16.3	14.42	-104.3	-774.6	380.7	364.9	15.78	24.120		
3,100.0	3,050.6	3,044.7	2,924.1	11.1	17.0	14.73	-107.9	-806.8	391.2	374.8	16.43	23.814		
3,200.0	3,148.0	3,144.1	3,018.1	11.6	17.7	15.02	-111.5	-839.0	401.8	384.8	17.08	23.527		
3,300.0	3,245.3	3,243.5	3,112.1	12.1	18.4	15.30	-115.0	-871.2	412.5	394.7	17.73	23.258		
3,400.0	3,342.6	3,342.9	3,206.1	12.6	19.1	15.57	-118.6	-903.3	423.1	404.7	18.39	23.005		
3,500.0	3,440.0	3,442.4	3,300.1	13.1	19.8	15.82	-122.1	-935.5	433.7	414.7	19.05	22.767		
3,600.0	3,537.3	3,541.8	3,394.1	13.6	20.5	16.06	-125.7	-967.7	444.3	424.6	19.71	22.543		
3,700.0	3,634.7	3,641.2	3,488.1	14.1	21.2	16.29	-129.3	-999.9	455.0	434.6	20.38	22.331		
3,800.0	3,732.0	3,740.6	3,582.1	14.6	21.9	16.51	-132.8	-1,032.1	465.6	444.6	21.04	22.130		
3,900.0	3,829.4	3,840.0	3,676.1	15.1	22.5	16.72	-136.4	-1,064.2	476.3	454.6	21.71	21.940		
4,000.0	3,926.7	3,939.4	3,770.1	15.6	23.2	16.92	-139.9	-1,096.4	487.0	464.6	22.38	21.760		
4,100.0	4,024.0	4,038.9	3,864.1	16.1	23.9	17.11	-143.5	-1,128.6	497.6	474.6	23.05	21.589		
4,200.0	4,121.4	4,138.3	3,958.1	16.6	24.6	17.29	-147.0	-1,160.8	508.3	484.6	23.72	21.426		
4,300.0	4,218.7	4,237.7	4,052.1	17.1	25.3	17.47	-150.6	-1,192.9	519.0	494.6	24.40	21.271		
4,400.0	4,316.1	4,337.1	4,146.1	17.6	26.0	17.64	-154.2	-1,225.1	529.7	504.6	25.08	21.123		
4,500.0	4,413.4	4,436.5	4,240.1	18.1	26.7	17.80	-157.7	-1,257.3	540.4	514.6	25.75	20.983		
4,600.0	4,510.8	4,535.9	4,334.1	18.6	27.4	17.96	-161.3	-1,289.5	551.1	524.6	26.43	20.848		
4,700.0	4,608.1	4,635.3	4,428.1	19.1	28.1	18.11	-164.8	-1,321.7	561.8	534.6	27.11	20.719		
4,800.0	4,705.5	4,734.8	4,522.0	19.6	28.8	18.25	-168.4	-1,353.8	572.5	544.7	27.79	20.596		
4,900.0	4,802.8	4,834.2	4,616.0	20.1	29.5	18.39	-172.0	-1,386.0	583.2	554.7	28.48	20.479		
5,000.0	4,900.1	4,933.6	4,710.0	20.6	30.2	18.52	-175.5	-1,418.2	593.9	564.7	29.16	20.366		

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 A-29HN - Wellbore #1 - Plan #1 (10-01-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.0	4,997.5	5,033.0	4,804.0	21.1	30.9	18.65	-179.1	-1,450.4	604.6	574.7	29.85	20.257	
5,200.0	5,094.8	5,132.4	4,898.0	21.6	31.6	18.78	-182.6	-1,482.5	615.3	584.8	30.53	20.153	
5,300.0	5,192.2	5,231.8	4,992.0	22.1	32.3	18.90	-186.2	-1,514.7	626.0	594.8	31.22	20.053	
5,400.0	5,289.5	5,331.3	5,086.0	22.6	33.0	19.01	-189.7	-1,546.9	636.7	604.8	31.91	19.957	
5,500.0	5,386.9	5,430.7	5,180.0	23.1	33.7	19.13	-193.3	-1,579.1	647.5	614.9	32.59	19.865	
5,600.0	5,484.2	5,530.1	5,274.0	23.6	34.4	19.23	-196.9	-1,611.3	658.2	624.9	33.28	19.775	
5,700.0	5,581.5	5,629.5	5,368.0	24.1	35.1	19.34	-200.4	-1,643.4	668.9	634.9	33.97	19.690	
5,800.0	5,678.9	5,728.9	5,462.0	24.6	35.8	19.44	-204.0	-1,675.6	679.6	645.0	34.66	19.607	
5,900.0	5,776.2	5,828.3	5,556.0	25.1	36.5	19.54	-207.5	-1,707.8	690.4	655.0	35.35	19.527	
6,000.0	5,873.6	5,927.8	5,650.0	25.6	37.2	19.64	-211.1	-1,740.0	701.1	665.1	36.05	19.450	
6,100.0	5,970.9	6,027.2	5,744.0	26.1	37.9	19.73	-214.7	-1,772.2	711.8	675.1	36.74	19.376	
6,200.0	6,068.3	6,126.6	5,838.0	26.6	38.6	19.82	-218.2	-1,804.3	722.6	685.1	37.43	19.304	
6,300.0	6,165.6	6,226.0	5,932.0	27.1	39.3	19.91	-221.8	-1,836.5	733.3	695.2	38.13	19.234	
6,400.0	6,262.9	6,325.4	6,026.0	27.7	39.9	19.99	-225.3	-1,868.7	744.0	705.2	38.82	19.167	
6,500.0	6,360.3	6,424.8	6,120.0	28.2	40.6	20.07	-228.9	-1,900.9	754.8	715.3	39.51	19.101	
6,536.1	6,395.4	6,460.7	6,153.9	28.3	40.9	20.10	-230.2	-1,912.5	758.7	718.9	39.77	19.079	
6,550.0	6,409.0	6,474.5	6,167.0	28.4	41.0	15.54	-230.7	-1,917.0	760.1	720.2	39.90	19.049	
6,600.0	6,457.7	6,524.2	6,214.0	28.6	41.3	-1.63	-232.4	-1,933.0	765.2	724.9	40.30	18.990 SF	
6,650.0	6,506.3	6,573.7	6,260.7	28.8	41.7	-17.67	-234.2	-1,949.0	769.9	729.4	40.53	18.994	
6,700.0	6,554.6	6,618.6	6,303.2	29.0	42.0	-30.60	-234.7	-1,963.6	774.4	733.7	40.65	19.051	
6,750.0	6,602.3	6,663.4	6,345.5	29.1	42.2	-40.27	-232.5	-1,978.1	778.9	738.2	40.71	19.134	
6,800.0	6,649.2	6,708.5	6,387.9	29.3	42.5	-47.43	-227.4	-1,992.7	783.3	742.6	40.71	19.240	
6,850.0	6,695.0	6,754.1	6,430.4	29.4	42.7	-52.80	-219.4	-2,007.3	787.7	747.0	40.68	19.363	
6,900.0	6,739.6	6,800.0	6,472.5	29.5	43.0	-56.93	-208.5	-2,021.8	792.1	751.5	40.62	19.500	
6,950.0	6,782.7	6,846.8	6,514.7	29.7	43.2	-60.20	-194.4	-2,036.4	796.4	755.8	40.54	19.644	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 B-29HN - Wellbore #1 - Plan #1 (10-01-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance										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	-120.84	-15.3	-25.6	29.8					
100.0	100.0	100.0	100.0	0.1	0.1	-120.84	-15.3	-25.6	29.8	29.6	0.22	132.678		
200.0	200.0	200.0	200.0	0.3	0.3	-120.84	-15.3	-25.6	29.8	29.1	0.67	44.226		
300.0	300.0	300.0	300.0	0.6	0.6	-120.84	-15.3	-25.6	29.8	28.7	1.12	26.536		
400.0	400.0	400.0	400.0	0.8	0.8	-120.84	-15.3	-25.6	29.8	28.2	1.57	18.954 CC, ES		
500.0	500.0	499.0	499.0	1.0	1.0	-119.66	-15.5	-27.3	31.4	29.4	2.01	15.659		
600.0	600.0	597.8	597.6	1.2	1.2	-116.75	-16.3	-32.4	36.3	33.9	2.44	14.877		
700.0	700.0	696.1	695.6	1.5	1.4	-113.35	-17.6	-40.7	44.6	41.7	2.90	15.385		
800.0	800.0	793.7	792.4	1.7	1.7	-110.28	-19.3	-52.3	56.3	52.9	3.38	16.629		
900.0	900.0	890.7	888.3	1.9	2.0	-3.29	-21.6	-67.0	69.7	65.9	3.76	18.543		
1,000.0	999.8	987.2	983.1	2.1	2.4	-1.45	-24.3	-84.9	83.0	78.8	4.18	19.878		
1,100.0	1,099.5	1,083.3	1,076.8	2.3	2.8	0.08	-27.4	-105.8	96.3	91.7	4.61	20.902		
1,200.0	1,198.7	1,179.0	1,169.4	2.6	3.2	1.40	-31.0	-129.7	109.5	104.4	5.05	21.680		
1,300.0	1,297.5	1,276.2	1,262.7	2.8	3.7	2.60	-35.1	-156.7	122.1	116.6	5.51	22.171		
1,400.0	1,395.6	1,375.7	1,358.1	3.2	4.3	3.70	-39.3	-184.7	131.8	125.8	5.98	22.033		
1,461.8	1,455.9	1,437.4	1,417.2	3.4	4.6	4.35	-42.0	-202.0	136.0	129.7	6.28	21.675		
1,500.0	1,493.1	1,475.5	1,453.8	3.6	4.9	4.75	-43.6	-212.8	138.3	131.8	6.47	21.367		
1,600.0	1,590.5	1,575.3	1,549.4	4.0	5.4	5.75	-47.8	-240.9	144.1	137.1	7.00	20.583		
1,700.0	1,687.8	1,675.1	1,645.1	4.4	6.0	6.66	-52.1	-269.0	150.0	142.5	7.54	19.892		
1,800.0	1,785.1	1,774.9	1,740.8	4.8	6.6	7.51	-56.3	-297.1	156.0	147.9	8.09	19.274		
1,900.0	1,882.5	1,874.7	1,836.4	5.3	7.2	8.29	-60.6	-325.2	161.9	153.3	8.65	18.716		
2,000.0	1,979.8	1,974.5	1,932.1	5.8	7.8	9.02	-64.8	-353.3	168.0	158.7	9.22	18.212		
2,100.0	2,077.2	2,074.3	2,027.8	6.2	8.4	9.70	-69.1	-381.3	174.0	164.2	9.80	17.753		
2,200.0	2,174.5	2,174.1	2,123.4	6.7	9.0	10.33	-73.3	-409.4	180.0	169.6	10.39	17.335		
2,300.0	2,271.9	2,273.9	2,219.1	7.2	9.6	10.92	-77.6	-437.5	186.1	175.1	10.98	16.952		
2,400.0	2,369.2	2,373.7	2,314.8	7.7	10.2	11.47	-81.8	-465.6	192.2	180.6	11.58	16.601		
2,500.0	2,466.6	2,473.5	2,410.4	8.2	10.8	11.99	-86.1	-493.7	198.3	186.1	12.18	16.277		
2,600.0	2,563.9	2,573.3	2,506.1	8.6	11.5	12.48	-90.3	-521.8	204.4	191.6	12.79	15.978		
2,700.0	2,661.2	2,673.1	2,601.8	9.1	12.1	12.94	-94.6	-549.9	210.6	197.1	13.41	15.701		
2,800.0	2,758.6	2,772.8	2,697.4	9.6	12.7	13.37	-98.8	-578.0	216.7	202.7	14.03	15.443		
2,900.0	2,855.9	2,872.6	2,793.1	10.1	13.3	13.78	-103.1	-606.1	222.9	208.2	14.66	15.204		
3,000.0	2,953.3	2,972.4	2,888.8	10.6	13.9	14.17	-107.3	-634.2	229.0	213.7	15.29	14.981		
3,100.0	3,050.6	3,072.2	2,984.4	11.1	14.5	14.54	-111.6	-662.3	235.2	219.3	15.92	14.772		
3,200.0	3,148.0	3,172.0	3,080.1	11.6	15.1	14.89	-115.8	-690.4	241.4	224.8	16.56	14.576		
3,300.0	3,245.3	3,271.8	3,175.8	12.1	15.7	15.22	-120.1	-718.5	247.6	230.4	17.20	14.393		
3,400.0	3,342.6	3,371.6	3,271.4	12.6	16.3	15.53	-124.3	-746.6	253.8	236.0	17.85	14.220		
3,500.0	3,440.0	3,471.4	3,367.1	13.1	16.9	15.83	-128.6	-774.7	260.0	241.5	18.50	14.058		
3,600.0	3,537.3	3,571.2	3,462.8	13.6	17.5	16.12	-132.8	-802.8	266.2	247.1	19.15	13.905		
3,700.0	3,634.7	3,671.0	3,558.4	14.1	18.2	16.39	-137.1	-830.9	272.5	252.7	19.80	13.760		
3,800.0	3,732.0	3,770.8	3,654.1	14.6	18.8	16.65	-141.3	-859.0	278.7	258.2	20.46	13.624		
3,900.0	3,829.4	3,870.6	3,749.8	15.1	19.4	16.90	-145.6	-887.1	284.9	263.8	21.12	13.494		
4,000.0	3,926.7	3,970.4	3,845.4	15.6	20.0	17.14	-149.8	-915.2	291.2	269.4	21.78	13.371		
4,100.0	4,024.0	4,070.2	3,941.1	16.1	20.6	17.37	-154.1	-943.3	297.4	275.0	22.44	13.255		
4,200.0	4,121.4	4,170.0	4,036.8	16.6	21.2	17.59	-158.3	-971.4	303.7	280.6	23.10	13.144		
4,300.0	4,218.7	4,269.8	4,132.4	17.1	21.8	17.80	-162.6	-999.5	309.9	286.2	23.77	13.038		
4,400.0	4,316.1	4,369.6	4,228.1	17.6	22.4	18.00	-166.8	-1,027.6	316.2	291.8	24.44	12.938		
4,500.0	4,413.4	4,469.4	4,323.8	18.1	23.0	18.20	-171.1	-1,055.7	322.5	297.3	25.11	12.842		
4,600.0	4,510.8	4,569.2	4,419.4	18.6	23.7	18.38	-175.3	-1,083.8	328.7	302.9	25.78	12.750		
4,700.0	4,608.1	4,669.0	4,515.1	19.1	24.3	18.56	-179.6	-1,111.9	335.0	308.5	26.46	12.663		
4,800.0	4,705.5	4,768.8	4,610.8	19.6	24.9	18.74	-183.8	-1,140.0	341.3	314.1	27.13	12.579		
4,900.0	4,802.8	4,868.6	4,706.4	20.1	25.5	18.90	-188.1	-1,168.1	347.6	319.7	27.81	12.499		
5,000.0	4,900.1	4,968.4	4,802.1	20.6	26.1	19.06	-192.3	-1,196.2	353.8	325.3	28.48	12.422		

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	
5,100.0	4,997.5	5,068.2	4,897.8	21.1	26.7	19.22	-196.6	-1,224.3	360.1	331.0	29.16	12.349	
5,200.0	5,094.8	5,168.0	4,993.4	21.6	27.3	19.37	-200.8	-1,252.4	366.4	336.6	29.84	12.278	
5,300.0	5,192.2	5,267.8	5,089.1	22.1	27.9	19.52	-205.1	-1,280.4	372.7	342.2	30.52	12.210	
5,400.0	5,289.5	5,367.6	5,184.8	22.6	28.6	19.66	-209.3	-1,308.5	379.0	347.8	31.20	12.145	
5,500.0	5,386.9	5,467.4	5,280.4	23.1	29.2	19.79	-213.6	-1,336.6	385.3	353.4	31.89	12.082	
5,600.0	5,484.2	5,567.2	5,376.1	23.6	29.8	19.92	-217.8	-1,364.7	391.6	359.0	32.57	12.022	
5,700.0	5,581.5	5,667.0	5,471.8	24.1	30.4	20.05	-222.1	-1,392.8	397.9	364.6	33.26	11.964	
5,800.0	5,678.9	5,766.8	5,567.4	24.6	31.0	20.17	-226.3	-1,420.9	404.2	370.2	33.94	11.907	
5,900.0	5,776.2	5,866.6	5,663.1	25.1	31.6	20.29	-230.6	-1,449.0	410.5	375.8	34.63	11.853	
6,000.0	5,873.6	5,966.4	5,758.8	25.6	32.2	20.41	-234.8	-1,477.1	416.8	381.4	35.32	11.801	
6,100.0	5,970.9	6,066.2	5,854.4	26.1	32.8	20.52	-239.1	-1,505.2	423.1	387.1	36.00	11.751	
6,200.0	6,068.3	6,166.0	5,950.1	26.6	33.5	20.63	-243.3	-1,533.3	429.4	392.7	36.69	11.702	
6,300.0	6,165.6	6,265.8	6,045.8	27.1	34.1	20.74	-247.6	-1,561.4	435.7	398.3	37.38	11.655	
6,400.0	6,262.9	6,365.6	6,141.4	27.7	34.7	20.84	-251.8	-1,589.5	442.0	403.9	38.07	11.609	
6,500.0	6,360.3	6,465.4	6,237.1	28.2	35.3	20.94	-256.1	-1,617.6	448.3	409.5	38.76	11.565	
6,536.1	6,395.4	6,501.4	6,271.6	28.3	35.5	20.97	-257.6	-1,627.7	450.6	411.6	39.01	11.550	
6,550.0	6,409.0	6,515.3	6,284.9	28.4	35.6	16.35	-258.2	-1,631.7	451.4	412.3	39.12	11.538	
6,600.0	6,457.7	6,564.9	6,332.5	28.6	35.9	-1.12	-260.3	-1,645.6	454.3	414.9	39.38	11.536	
6,650.0	6,506.3	6,611.2	6,376.9	28.8	36.2	-17.40	-260.8	-1,658.7	456.9	417.4	39.48	11.573	
6,700.0	6,554.6	6,657.6	6,421.3	29.0	36.4	-30.46	-258.3	-1,671.8	459.5	420.0	39.51	11.629	
6,750.0	6,602.3	6,704.1	6,465.6	29.1	36.6	-40.27	-252.7	-1,684.9	462.1	422.6	39.50	11.700	
6,800.0	6,649.2	6,750.0	6,508.9	29.3	36.8	-47.55	-244.3	-1,697.7	464.8	425.3	39.44	11.784	
6,850.0	6,695.0	6,798.0	6,553.5	29.4	37.0	-53.07	-232.5	-1,711.0	467.4	428.0	39.34	11.879	
6,900.0	6,739.6	6,845.4	6,596.6	29.5	37.2	-57.34	-217.8	-1,723.9	470.0	430.8	39.23	11.979	
6,950.0	6,782.7	6,893.1	6,639.0	29.7	37.4	-60.74	-200.0	-1,736.6	472.6	433.4	39.12	12.080	
7,000.0	6,824.0	6,941.1	6,680.4	29.8	37.6	-63.52	-179.1	-1,749.1	475.1	436.1	39.02	12.177	
7,050.0	6,863.5	6,989.5	6,720.6	29.9	37.8	-65.83	-155.3	-1,761.3	477.6	438.7	38.94	12.265	
7,100.0	6,900.9	7,038.2	6,759.5	29.9	38.0	-67.81	-128.4	-1,773.1	480.1	441.1	38.90	12.340	
7,150.0	6,936.1	7,087.3	6,796.8	30.0	38.1	-69.51	-98.6	-1,784.5	482.4	443.5	38.92	12.395	
7,200.0	6,968.7	7,136.8	6,832.3	30.1	38.3	-71.01	-66.0	-1,795.4	484.7	445.7	39.01	12.428	
7,250.0	6,998.8	7,186.6	6,865.8	30.2	38.5	-72.34	-30.5	-1,805.7	487.0	447.8	39.16	12.434	
7,300.0	7,026.2	7,236.9	6,897.1	30.3	38.6	-73.53	7.6	-1,815.4	489.1	449.7	39.41	12.412	
7,350.0	7,050.6	7,287.6	6,926.0	30.3	38.8	-74.60	48.3	-1,824.5	491.1	451.4	39.73	12.361	
7,400.0	7,072.1	7,338.7	6,952.3	30.4	38.9	-75.58	91.3	-1,832.8	493.0	452.9	40.14	12.281	
7,450.0	7,090.4	7,390.3	6,975.7	30.5	39.1	-76.46	136.6	-1,840.3	494.8	454.2	40.64	12.175	
7,500.0	7,105.6	7,442.2	6,996.0	30.6	39.2	-77.26	183.9	-1,846.9	496.4	455.2	41.22	12.043	
7,550.0	7,117.5	7,494.6	7,013.2	30.7	39.4	-77.98	233.1	-1,852.6	497.9	456.0	41.87	11.891	
7,600.0	7,126.0	7,547.5	7,026.9	30.9	39.5	-78.63	283.9	-1,857.4	499.2	456.6	42.59	11.722	
7,650.0	7,131.2	7,600.7	7,037.1	31.0	39.7	-79.21	336.0	-1,861.1	500.3	457.0	43.36	11.539	
7,701.4	7,133.0	7,655.9	7,043.7	31.2	39.8	-79.73	390.7	-1,863.7	501.3	457.1	44.21	11.339	
7,800.0	7,133.0	7,760.6	7,045.4	31.6	40.2	-79.95	495.3	-1,865.7	502.2	456.1	46.09	10.895	
7,900.0	7,133.0	7,860.6	7,042.9	32.1	40.6	-79.68	595.3	-1,866.3	502.6	454.4	48.16	10.436	
8,000.0	7,133.0	7,960.5	7,040.5	32.7	41.0	-79.40	695.2	-1,866.9	503.0	452.6	50.41	9.979	
8,100.0	7,133.0	8,060.5	7,038.0	33.5	41.6	-79.13	795.1	-1,867.5	503.5	450.7	52.83	9.530	
8,200.0	7,133.0	8,160.5	7,035.6	34.4	42.2	-78.85	895.1	-1,868.2	504.0	448.6	55.41	9.096	
8,300.0	7,133.0	8,260.4	7,033.1	35.3	43.0	-78.58	995.0	-1,868.8	504.5	446.3	58.11	8.681	
8,400.0	7,133.0	8,360.4	7,030.6	36.4	43.8	-78.30	1,094.9	-1,869.4	505.0	444.0	60.93	8.288	
8,500.0	7,133.0	8,460.4	7,028.2	37.6	44.7	-78.03	1,194.9	-1,870.1	505.5	441.6	63.84	7.918	
8,600.0	7,133.0	8,560.3	7,025.7	38.8	45.7	-77.76	1,294.8	-1,870.7	506.0	439.1	66.83	7.571	
8,700.0	7,133.0	8,660.3	7,023.3	40.1	46.7	-77.49	1,394.8	-1,871.3	506.5	436.6	69.89	7.247	
8,800.0	7,133.0	8,760.3	7,020.8	41.4	47.8	-77.22	1,494.7	-1,871.9	507.0	434.0	73.01	6.945	
8,900.0	7,133.0	8,860.3	7,018.3	42.8	49.0	-76.94	1,594.6	-1,872.6	507.6	431.4	76.18	6.663	

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 B-29HN - Wellbore #1 - Plan #1 (10-01-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						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	
9,000.0	7,133.0	8,960.2	7,015.9	44.3	50.2	-76.67	1,694.6	-1,873.2	508.2	428.8	79.39	6.400	
9,100.0	7,133.0	9,060.2	7,013.4	45.8	51.4	-76.40	1,794.5	-1,873.8	508.7	426.1	82.64	6.156	
9,200.0	7,133.0	9,160.2	7,011.0	47.3	52.7	-76.14	1,894.4	-1,874.4	509.3	423.4	85.92	5.927	
9,300.0	7,133.0	9,260.1	7,008.5	48.8	54.1	-75.87	1,994.4	-1,875.1	509.9	420.7	89.23	5.714	
9,400.0	7,133.0	9,360.1	7,006.0	50.4	55.5	-75.60	2,094.3	-1,875.7	510.5	417.9	92.56	5.515	
9,500.0	7,133.0	9,460.1	7,003.6	52.0	56.9	-75.33	2,194.3	-1,876.3	511.1	415.2	95.91	5.329	
9,600.0	7,133.0	9,560.0	7,001.1	53.6	58.4	-75.07	2,294.2	-1,877.0	511.8	412.5	99.28	5.155	
9,700.0	7,133.0	9,660.0	6,998.7	55.3	59.9	-74.80	2,394.1	-1,877.6	512.4	409.7	102.66	4.991	
9,800.0	7,133.0	9,760.0	6,996.2	57.0	61.4	-74.53	2,494.1	-1,878.2	513.0	407.0	106.05	4.838	
9,900.0	7,133.0	9,860.0	6,993.7	58.6	62.9	-74.27	2,594.0	-1,878.8	513.7	404.3	109.45	4.694	
10,000.0	7,133.0	9,959.9	6,991.3	60.3	64.5	-74.01	2,693.9	-1,879.5	514.4	401.5	112.86	4.558	
10,100.0	7,133.0	10,059.9	6,988.8	62.0	66.1	-73.74	2,793.9	-1,880.1	515.1	398.8	116.27	4.430	
10,200.0	7,133.0	10,159.9	6,986.4	63.8	67.7	-73.48	2,893.8	-1,880.7	515.8	396.1	119.69	4.309	
10,300.0	7,133.0	10,259.8	6,983.9	65.5	69.3	-73.22	2,993.8	-1,881.4	516.5	393.4	123.10	4.195	
10,400.0	7,133.0	10,359.8	6,981.4	67.2	70.9	-72.96	3,093.7	-1,882.0	517.2	390.7	126.52	4.088	
10,500.0	7,133.0	10,459.8	6,979.0	69.0	72.6	-72.70	3,193.6	-1,882.6	517.9	388.0	129.94	3.986	
10,600.0	7,133.0	10,559.7	6,976.5	70.8	74.3	-72.44	3,293.6	-1,883.2	518.6	385.3	133.36	3.889	
10,700.0	7,133.0	10,659.7	6,974.1	72.5	75.9	-72.18	3,393.5	-1,883.9	519.4	382.6	136.78	3.797	
10,800.0	7,133.0	10,759.7	6,971.6	74.3	77.6	-71.92	3,493.4	-1,884.5	520.2	380.0	140.20	3.710	
10,900.0	7,133.0	10,859.6	6,969.1	76.1	79.3	-71.67	3,593.4	-1,885.1	520.9	377.3	143.61	3.627	
11,000.0	7,133.0	10,959.6	6,966.7	77.9	81.1	-71.41	3,693.3	-1,885.8	521.7	374.7	147.02	3.549	
11,100.0	7,133.0	11,059.6	6,964.2	79.7	82.8	-71.15	3,793.3	-1,886.4	522.5	372.1	150.42	3.474	
11,200.0	7,133.0	11,159.6	6,961.8	81.5	84.5	-70.90	3,893.2	-1,887.0	523.3	369.5	153.82	3.402	
11,300.0	7,133.0	11,259.5	6,959.3	83.3	86.3	-70.64	3,993.1	-1,887.6	524.1	366.9	157.21	3.334	
11,400.0	7,133.0	11,359.5	6,956.8	85.1	88.0	-70.39	4,093.1	-1,888.3	524.9	364.3	160.60	3.269	
11,500.0	7,133.0	11,459.5	6,954.4	86.9	89.8	-70.14	4,193.0	-1,888.9	525.8	361.8	163.98	3.206	
11,600.0	7,133.0	11,559.4	6,951.9	88.7	91.5	-69.89	4,292.9	-1,889.5	526.6	359.2	167.35	3.147	
11,700.0	7,133.0	11,659.4	6,949.5	90.6	93.3	-69.64	4,392.9	-1,890.1	527.4	356.7	170.72	3.090	
11,783.6	7,133.0	11,742.9	6,947.4	92.1	94.8	-69.43	4,476.4	-1,890.7	528.2	354.6	173.53	3.044 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 C-29HN - Wellbore #1 - Plan #1 (10-08-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-120.86	-7.7	-12.8	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-120.86	-7.7	-12.8	14.9	14.7	0.22	66.353		
200.0	200.0	200.0	200.0	0.3	0.3	-120.86	-7.7	-12.8	14.9	14.2	0.67	22.118		
300.0	300.0	300.0	300.0	0.6	0.6	-120.86	-7.7	-12.8	14.9	13.8	1.12	13.271		
400.0	400.0	400.0	400.0	0.8	0.8	-120.86	-7.7	-12.8	14.9	13.3	1.57	9.479		
500.0	500.0	500.0	500.0	1.0	1.0	-120.86	-7.7	-12.8	14.9	12.9	2.02	7.373		
600.0	600.0	600.0	600.0	1.2	1.2	-120.86	-7.7	-12.8	14.9	12.4	2.47	6.032 CC, ES		
700.0	700.0	699.5	699.4	1.5	1.4	-118.94	-8.0	-14.5	16.6	13.7	2.91	5.702		
800.0	800.0	798.7	798.5	1.7	1.6	-114.96	-9.1	-19.5	21.6	18.3	3.33	6.478		
900.0	900.0	897.6	897.1	1.9	1.9	-7.11	-10.9	-27.9	28.4	24.6	3.74	7.577		
1,000.0	999.8	996.3	995.0	2.1	2.1	-4.88	-13.4	-39.6	35.1	31.0	4.15	8.474		
1,100.0	1,099.5	1,094.7	1,092.3	2.3	2.4	-3.18	-16.6	-54.5	41.9	37.3	4.56	9.187		
1,200.0	1,198.7	1,193.0	1,188.7	2.6	2.8	-1.78	-20.5	-72.6	48.6	43.6	4.98	9.756		
1,300.0	1,297.5	1,291.0	1,284.3	2.8	3.1	-0.58	-25.0	-93.9	55.2	49.8	5.41	10.207		
1,400.0	1,395.6	1,390.3	1,380.6	3.2	3.6	0.48	-30.1	-117.8	60.9	55.0	5.86	10.390		
1,461.8	1,455.9	1,452.1	1,440.5	3.4	3.9	1.08	-33.3	-132.7	62.7	56.5	6.14	10.205		
1,500.0	1,493.1	1,490.3	1,477.5	3.6	4.1	1.44	-35.3	-141.9	63.4	57.0	6.33	10.016		
1,600.0	1,590.5	1,590.3	1,574.3	4.0	4.5	2.34	-40.5	-166.1	65.2	58.4	6.83	9.554		
1,700.0	1,687.8	1,690.3	1,671.2	4.4	5.0	3.20	-45.7	-190.2	67.1	59.8	7.34	9.144		
1,800.0	1,785.1	1,790.2	1,768.1	4.8	5.6	4.01	-50.8	-214.3	69.0	61.1	7.86	8.777		
1,900.0	1,882.5	1,890.2	1,865.0	5.3	6.1	4.77	-56.0	-238.5	70.9	62.5	8.39	8.448		
2,000.0	1,979.8	1,990.2	1,961.9	5.8	6.6	5.50	-61.2	-262.6	72.8	63.9	8.93	8.153		
2,100.0	2,077.2	2,090.2	2,058.8	6.2	7.1	6.19	-66.4	-286.8	74.8	65.3	9.48	7.886		
2,200.0	2,174.5	2,190.1	2,155.6	6.7	7.6	6.84	-71.5	-310.9	76.7	66.7	10.04	7.643		
2,300.0	2,271.9	2,290.1	2,252.5	7.2	8.1	7.46	-76.7	-335.0	78.7	68.1	10.60	7.422		
2,400.0	2,369.2	2,390.1	2,349.4	7.7	8.7	8.05	-81.9	-359.2	80.6	69.4	11.16	7.220		
2,500.0	2,466.6	2,490.1	2,446.3	8.2	9.2	8.61	-87.1	-383.3	82.6	70.8	11.74	7.035		
2,600.0	2,563.9	2,590.0	2,543.2	8.6	9.7	9.15	-92.2	-407.5	84.5	72.2	12.32	6.864		
2,700.0	2,661.2	2,690.0	2,640.0	9.1	10.3	9.66	-97.4	-431.6	86.5	73.6	12.90	6.707		
2,800.0	2,758.6	2,790.0	2,736.9	9.6	10.8	10.15	-102.6	-455.8	88.5	75.0	13.49	6.560		
2,900.0	2,855.9	2,890.0	2,833.8	10.1	11.3	10.62	-107.7	-479.9	90.5	76.4	14.09	6.425		
3,000.0	2,953.3	2,990.0	2,930.7	10.6	11.9	11.07	-112.9	-504.0	92.5	77.8	14.69	6.298		
3,100.0	3,050.6	3,089.9	3,027.6	11.1	12.4	11.50	-118.1	-528.2	94.5	79.2	15.29	6.181		
3,200.0	3,148.0	3,189.9	3,124.4	11.6	12.9	11.91	-123.3	-552.3	96.5	80.6	15.90	6.070		
3,300.0	3,245.3	3,289.9	3,221.3	12.1	13.5	12.30	-128.4	-576.5	98.5	82.0	16.51	5.967		
3,400.0	3,342.6	3,389.9	3,318.2	12.6	14.0	12.68	-133.6	-600.6	100.6	83.4	17.13	5.870		
3,500.0	3,440.0	3,489.8	3,415.1	13.1	14.5	13.04	-138.8	-624.7	102.6	84.8	17.75	5.779		
3,600.0	3,537.3	3,589.8	3,512.0	13.6	15.1	13.39	-144.0	-648.9	104.6	86.2	18.37	5.693		
3,700.0	3,634.7	3,689.8	3,608.9	14.1	15.6	13.73	-149.1	-673.0	106.6	87.6	19.00	5.612		
3,800.0	3,732.0	3,789.8	3,705.7	14.6	16.1	14.05	-154.3	-697.2	108.7	89.0	19.63	5.535		
3,900.0	3,829.4	3,889.8	3,802.6	15.1	16.7	14.36	-159.5	-721.3	110.7	90.4	20.27	5.463		
4,000.0	3,926.7	3,989.7	3,899.5	15.6	17.2	14.66	-164.7	-745.4	112.7	91.8	20.90	5.394		
4,100.0	4,024.0	4,089.7	3,996.4	16.1	17.7	14.95	-169.8	-769.6	114.8	93.2	21.54	5.329		
4,200.0	4,121.4	4,189.7	4,093.3	16.6	18.3	15.23	-175.0	-793.7	116.8	94.7	22.18	5.267		
4,300.0	4,218.7	4,289.7	4,190.1	17.1	18.8	15.50	-180.2	-817.9	118.9	96.1	22.83	5.208		
4,400.0	4,316.1	4,389.6	4,287.0	17.6	19.3	15.76	-185.4	-842.0	120.9	97.5	23.47	5.152		
4,500.0	4,413.4	4,489.6	4,383.9	18.1	19.9	16.01	-190.5	-866.1	123.0	98.9	24.12	5.098		
4,600.0	4,510.8	4,589.6	4,480.8	18.6	20.4	16.26	-195.7	-890.3	125.0	100.3	24.78	5.047		
4,700.0	4,608.1	4,689.6	4,577.7	19.1	21.0	16.49	-200.9	-914.4	127.1	101.7	25.43	4.998		
4,800.0	4,705.5	4,789.6	4,674.5	19.6	21.5	16.72	-206.0	-938.6	129.2	103.1	26.08	4.952		
4,900.0	4,802.8	4,889.5	4,771.4	20.1	22.0	16.94	-211.2	-962.7	131.2	104.5	26.74	4.907		
5,000.0	4,900.1	4,989.5	4,868.3	20.6	22.6	17.16	-216.4	-986.8	133.3	105.9	27.40	4.864		

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	
5,100.0	4,997.5	5,089.5	4,965.2	21.1	23.1	17.36	-221.6	-1,011.0	135.4	107.3	28.06	4.823	
5,200.0	5,094.8	5,189.5	5,062.1	21.6	23.6	17.57	-226.7	-1,035.1	137.4	108.7	28.73	4.784	
5,300.0	5,192.2	5,289.4	5,158.9	22.1	24.2	17.76	-231.9	-1,059.3	139.5	110.1	29.39	4.746	
5,400.0	5,289.5	5,389.4	5,255.8	22.6	24.7	17.95	-237.1	-1,083.4	141.6	111.5	30.06	4.710	
5,500.0	5,386.9	5,489.4	5,352.7	23.1	25.3	18.14	-242.3	-1,107.6	143.6	112.9	30.72	4.675	
5,600.0	5,484.2	5,589.4	5,449.6	23.6	25.8	18.31	-247.4	-1,131.7	145.7	114.3	31.39	4.642	
5,700.0	5,581.5	5,689.3	5,546.5	24.1	26.3	18.49	-252.6	-1,155.8	147.8	115.7	32.06	4.609	
5,800.0	5,678.9	5,789.3	5,643.4	24.6	26.9	18.66	-257.8	-1,180.0	149.9	117.1	32.73	4.578	
5,900.0	5,776.2	5,889.3	5,740.2	25.1	27.4	18.82	-263.0	-1,204.1	151.9	118.5	33.41	4.548	
6,000.0	5,873.6	5,989.3	5,837.1	25.6	27.9	18.98	-268.1	-1,228.3	154.0	119.9	34.08	4.519	
6,100.0	5,970.9	6,089.3	5,934.0	26.1	28.5	19.14	-273.3	-1,252.4	156.1	121.3	34.76	4.491	
6,200.0	6,068.3	6,189.2	6,030.9	26.6	29.0	19.29	-278.5	-1,276.5	158.2	122.7	35.43	4.464	
6,300.0	6,165.6	6,289.2	6,127.8	27.1	29.6	19.44	-283.6	-1,300.7	160.3	124.2	36.11	4.438	
6,400.0	6,262.9	6,389.2	6,224.6	27.7	30.1	19.58	-288.8	-1,324.8	162.3	125.6	36.79	4.413	
6,500.0	6,360.3	6,489.0	6,321.4	28.2	30.6	19.73	-294.0	-1,348.9	164.4	127.0	37.47	4.389	
6,536.1	6,395.4	6,524.2	6,355.5	28.3	30.8	20.16	-294.7	-1,357.4	165.3	127.5	37.82	4.371	
6,550.0	6,409.0	6,537.8	6,368.6	28.4	30.8	15.78	-294.5	-1,360.7	165.7	127.7	38.00	4.360	
6,600.0	6,457.7	6,586.2	6,415.6	28.6	31.0	-0.55	-291.7	-1,372.5	167.1	128.5	38.59	4.330	
6,650.0	6,506.3	6,634.5	6,462.1	28.8	31.2	-15.54	-285.7	-1,384.1	168.5	129.4	39.10	4.310	
6,700.0	6,554.6	6,682.6	6,507.9	29.0	31.4	-27.34	-276.5	-1,395.6	170.0	130.5	39.52	4.301	
6,750.0	6,602.3	6,730.6	6,552.8	29.1	31.6	-35.92	-264.3	-1,406.9	171.4	131.6	39.83	4.304	
6,800.0	6,649.2	6,778.4	6,596.7	29.3	31.7	-42.03	-249.0	-1,418.0	172.9	132.8	40.04	4.317	
6,850.0	6,695.0	6,826.0	6,639.3	29.4	31.9	-46.39	-230.7	-1,428.8	174.3	134.2	40.15	4.341	
6,900.0	6,739.6	6,873.5	6,680.6	29.5	32.0	-49.56	-209.7	-1,439.2	175.7	135.6	40.16	4.376	
6,950.0	6,782.7	6,920.9	6,720.3	29.7	32.2	-51.90	-185.9	-1,449.3	177.1	137.0	40.07	4.419	
7,000.0	6,824.0	6,968.2	6,758.4	29.8	32.3	-53.67	-159.6	-1,459.0	178.4	138.5	39.90	4.470	
7,050.0	6,863.5	7,015.3	6,794.5	29.9	32.4	-55.04	-130.8	-1,468.3	179.6	139.9	39.67	4.527	
7,100.0	6,900.9	7,062.4	6,828.7	29.9	32.5	-56.11	-99.6	-1,477.1	180.7	141.3	39.40	4.588	
7,150.0	6,936.1	7,109.4	6,860.8	30.0	32.6	-56.98	-66.3	-1,485.3	181.8	142.7	39.11	4.648	
7,200.0	6,968.7	7,156.4	6,890.6	30.1	32.7	-57.69	-30.9	-1,493.1	182.8	143.9	38.85	4.705	
7,250.0	6,998.8	7,203.2	6,918.1	30.2	32.8	-58.30	6.4	-1,500.2	183.6	145.0	38.62	4.755	
7,300.0	7,026.2	7,250.0	6,943.1	30.3	32.9	-58.82	45.3	-1,506.8	184.4	145.9	38.47	4.793	
7,350.0	7,050.6	7,296.9	6,965.7	30.3	33.0	-59.29	86.0	-1,512.7	185.1	146.6	38.43	4.815	
7,400.0	7,072.1	7,343.7	6,985.6	30.4	33.1	-59.73	128.1	-1,518.0	185.6	147.1	38.52	4.818	
7,450.0	7,090.4	7,390.6	7,002.7	30.5	33.2	-60.13	171.4	-1,522.6	186.0	147.2	38.75	4.800	
7,500.0	7,105.6	7,437.4	7,017.1	30.6	33.3	-60.53	215.8	-1,526.6	186.3	147.1	39.15	4.758	
7,550.0	7,117.5	7,484.2	7,028.6	30.7	33.4	-60.91	261.1	-1,529.8	186.5	146.7	39.72	4.694	
7,600.0	7,126.0	7,531.1	7,037.3	30.9	33.6	-61.30	307.1	-1,532.3	186.5	146.0	40.46	4.609	
7,650.0	7,131.2	7,578.1	7,043.0	31.0	33.7	-61.68	353.6	-1,534.1	186.4	145.1	41.37	4.507	
7,701.4	7,133.0	7,626.4	7,045.8	31.2	33.8	-62.08	401.9	-1,535.2	186.2	143.8	42.44	4.388	
7,718.3	7,133.0	7,642.3	7,046.0	31.2	33.9	-62.15	417.8	-1,535.3	186.2	143.5	42.75	4.356	
7,800.0	7,133.0	7,723.6	7,045.5	31.6	34.2	-62.03	499.0	-1,535.9	186.4	142.2	44.22	4.216	
7,900.0	7,133.0	7,823.6	7,044.9	32.1	34.7	-61.86	599.0	-1,536.5	186.7	140.6	46.16	4.045	
8,000.0	7,133.0	7,923.6	7,044.3	32.7	35.2	-61.69	699.0	-1,537.1	187.0	138.8	48.26	3.875	
8,100.0	7,133.0	8,023.6	7,043.7	33.5	35.9	-61.53	799.0	-1,537.8	187.3	136.8	50.51	3.708	
8,200.0	7,133.0	8,123.6	7,043.1	34.4	36.7	-61.37	899.0	-1,538.4	187.6	134.7	52.88	3.548	
8,300.0	7,133.0	8,223.6	7,042.5	35.3	37.6	-61.20	999.0	-1,539.0	187.9	132.5	55.35	3.394	
8,400.0	7,133.0	8,323.6	7,041.9	36.4	38.6	-61.04	1,099.0	-1,539.6	188.2	130.3	57.92	3.249	
8,500.0	7,133.0	8,423.6	7,041.3	37.6	39.7	-60.88	1,199.0	-1,540.3	188.5	127.9	60.56	3.112	
8,600.0	7,133.0	8,523.6	7,040.7	38.8	40.8	-60.72	1,299.0	-1,540.9	188.8	125.5	63.27	2.984	
8,700.0	7,133.0	8,623.6	7,040.0	40.1	42.0	-60.55	1,399.0	-1,541.5	189.1	123.0	66.03	2.863	
8,800.0	7,133.0	8,723.6	7,039.4	41.4	43.3	-60.39	1,499.0	-1,542.1	189.4	120.5	68.84	2.751	

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 C-29HN - Wellbore #1 - Plan #1 (10-08-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
8,900.0	7,133.0	8,823.6	7,038.8	42.8	44.6	-60.23	1,599.0	-1,542.8	189.7	118.0	71.70	2.646	
9,000.0	7,133.0	8,923.6	7,038.2	44.3	46.0	-60.07	1,698.9	-1,543.4	190.0	115.4	74.59	2.547	
9,100.0	7,133.0	9,023.5	7,037.6	45.8	47.4	-59.91	1,798.9	-1,544.0	190.3	112.8	77.50	2.455	
9,200.0	7,133.0	9,123.5	7,037.0	47.3	48.9	-59.75	1,898.9	-1,544.7	190.6	110.2	80.45	2.369	
9,300.0	7,133.0	9,223.5	7,036.4	48.8	50.3	-59.60	1,998.9	-1,545.3	190.9	107.5	83.41	2.289	
9,400.0	7,133.0	9,323.5	7,035.8	50.4	51.9	-59.44	2,098.9	-1,545.9	191.2	104.8	86.40	2.213	
9,500.0	7,133.0	9,423.5	7,035.2	52.0	53.4	-59.28	2,198.9	-1,546.5	191.5	102.1	89.40	2.142	
9,600.0	7,133.0	9,523.5	7,034.6	53.6	55.0	-59.12	2,298.9	-1,547.2	191.8	99.4	92.41	2.076	
9,700.0	7,133.0	9,623.5	7,033.9	55.3	56.6	-58.97	2,398.9	-1,547.8	192.2	96.7	95.44	2.013	
9,800.0	7,133.0	9,723.5	7,033.3	57.0	58.2	-58.81	2,498.9	-1,548.4	192.5	94.0	98.47	1.955	
9,900.0	7,133.0	9,823.5	7,032.7	58.6	59.9	-58.66	2,598.9	-1,549.1	192.8	91.3	101.51	1.899	
10,000.0	7,133.0	9,923.5	7,032.1	60.3	61.5	-58.50	2,698.9	-1,549.7	193.1	88.5	104.56	1.847	
10,100.0	7,133.0	10,023.5	7,031.5	62.0	63.2	-58.35	2,798.9	-1,550.3	193.4	85.8	107.61	1.797	
10,200.0	7,133.0	10,123.5	7,030.9	63.8	64.9	-58.19	2,898.9	-1,550.9	193.7	83.1	110.66	1.751	
10,300.0	7,133.0	10,223.5	7,030.3	65.5	66.6	-58.04	2,998.9	-1,551.6	194.1	80.4	113.72	1.707	
10,400.0	7,133.0	10,323.5	7,029.7	67.2	68.3	-57.89	3,098.9	-1,552.2	194.4	77.6	116.78	1.665	
10,500.0	7,133.0	10,423.5	7,029.1	69.0	70.0	-57.74	3,198.9	-1,552.8	194.7	74.9	119.84	1.625	
10,600.0	7,133.0	10,523.5	7,028.4	70.8	71.8	-57.58	3,298.9	-1,553.5	195.0	72.2	122.89	1.587	
10,700.0	7,133.0	10,623.5	7,027.8	72.5	73.5	-57.43	3,398.8	-1,554.1	195.4	69.4	125.95	1.551	
10,800.0	7,133.0	10,723.5	7,027.2	74.3	75.3	-57.28	3,498.8	-1,554.7	195.7	66.7	129.01	1.517	
10,900.0	7,133.0	10,823.5	7,026.6	76.1	77.0	-57.13	3,598.8	-1,555.3	196.0	64.0	132.06	1.484 Level 3	
11,000.0	7,133.0	10,923.5	7,026.0	77.9	78.8	-56.98	3,698.8	-1,556.0	196.4	61.3	135.11	1.453 Level 3	
11,100.0	7,133.0	11,023.5	7,025.4	79.7	80.6	-56.83	3,798.8	-1,556.6	196.7	58.5	138.16	1.424 Level 3	
11,200.0	7,133.0	11,123.5	7,024.8	81.5	82.4	-56.68	3,898.8	-1,557.2	197.0	55.8	141.20	1.395 Level 3	
11,300.0	7,133.0	11,223.5	7,024.2	83.3	84.1	-56.54	3,998.8	-1,557.9	197.4	53.1	144.24	1.368 Level 3	
11,400.0	7,133.0	11,323.5	7,023.6	85.1	85.9	-56.39	4,098.8	-1,558.5	197.7	50.4	147.28	1.342 Level 3	
11,500.0	7,133.0	11,423.5	7,022.9	86.9	87.7	-56.24	4,198.8	-1,559.1	198.0	47.7	150.31	1.318 Level 3	
11,600.0	7,133.0	11,523.5	7,022.3	88.7	89.6	-56.09	4,298.8	-1,559.7	198.4	45.1	153.33	1.294 Level 3	
11,700.0	7,133.0	11,623.5	7,021.7	90.6	91.4	-55.95	4,398.8	-1,560.4	198.7	42.4	156.35	1.271 Level 3	
11,783.6	7,133.0	11,707.1	7,021.2	92.1	92.9	-55.83	4,482.4	-1,560.9	199.0	40.1	158.87	1.253 Level 3, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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		
0.0	0.0	0.0	0.0	0.0	0.0	59.64	7.7	13.1	15.2	15.2	0.00	N/A		
100.0	100.0	99.0	99.0	0.1	0.1	59.64	7.7	13.1	15.2	14.9	0.22	67.785		
200.0	200.0	199.0	199.0	0.3	0.3	59.64	7.7	13.1	15.2	14.5	0.67	22.557		
300.0	300.0	299.0	299.0	0.6	0.6	59.64	7.7	13.1	15.2	14.0	1.12	13.516		
400.0	400.0	399.0	399.0	0.8	0.8	59.64	7.7	13.1	15.2	13.6	1.57	9.649		
500.0	500.0	499.0	499.0	1.0	1.0	59.64	7.7	13.1	15.2	13.1	2.02	7.502		
600.0	600.0	599.0	599.0	1.2	1.2	59.64	7.7	13.1	15.2	12.7	2.47	6.137		
700.0	700.0	699.0	699.0	1.5	1.5	59.64	7.7	13.1	15.2	12.2	2.92	5.192		
800.0	800.0	799.0	799.0	1.7	1.7	59.64	7.7	13.1	15.2	11.8	3.37	4.499 CC, ES		
900.0	900.0	899.0	899.0	1.9	1.9	165.84	7.7	13.1	16.8	13.0	3.80	4.431		
1,000.0	999.8	998.8	998.8	2.1	2.1	169.16	7.7	13.1	22.0	17.7	4.22	5.202		
1,100.0	1,099.5	1,099.5	1,099.5	2.3	2.3	171.97	7.1	11.4	28.9	24.2	4.62	6.243		
1,200.0	1,198.7	1,200.4	1,200.2	2.6	2.5	173.99	5.5	6.4	35.8	30.8	5.01	7.139		
1,300.0	1,297.5	1,301.5	1,300.9	2.8	2.8	175.62	2.8	-2.0	42.6	37.2	5.40	7.893		
1,400.0	1,395.6	1,402.9	1,401.6	3.2	3.0	177.02	-1.0	-13.9	49.5	43.7	5.80	8.528		
1,461.8	1,455.9	1,465.7	1,463.6	3.4	3.2	177.81	-3.8	-22.9	53.7	47.7	6.06	8.868		
1,500.0	1,493.1	1,504.5	1,501.9	3.6	3.3	178.28	-5.8	-29.1	56.1	49.9	6.23	9.003		
1,600.0	1,590.5	1,606.5	1,602.0	4.0	3.6	179.42	-11.8	-47.8	59.8	53.1	6.69	8.938		
1,700.0	1,687.8	1,706.9	1,700.0	4.4	4.0	-179.45	-18.5	-68.5	61.1	54.0	7.17	8.531		
1,800.0	1,785.1	1,806.9	1,797.6	4.8	4.3	-178.37	-25.1	-89.2	62.4	54.8	7.65	8.155		
1,900.0	1,882.5	1,906.9	1,895.2	5.3	4.7	-177.33	-31.7	-109.8	63.7	55.6	8.15	7.818		
2,000.0	1,979.8	2,006.9	1,992.8	5.8	5.2	-176.33	-38.3	-130.5	65.1	56.4	8.66	7.510		
2,100.0	2,077.2	2,106.9	2,090.5	6.2	5.6	-175.37	-44.9	-151.2	66.4	57.2	9.18	7.231		
2,200.0	2,174.5	2,206.9	2,188.1	6.7	6.0	-174.46	-51.5	-171.8	67.8	58.1	9.72	6.976		
2,300.0	2,271.9	2,306.8	2,285.7	7.2	6.5	-173.57	-58.1	-192.5	69.2	58.9	10.26	6.743		
2,400.0	2,369.2	2,406.8	2,383.3	7.7	6.9	-172.73	-64.7	-213.1	70.6	59.7	10.81	6.528		
2,500.0	2,466.6	2,506.8	2,480.9	8.2	7.4	-171.91	-71.3	-233.8	72.0	60.6	11.37	6.331		
2,600.0	2,563.9	2,606.8	2,578.5	8.6	7.8	-171.13	-78.0	-254.4	73.4	61.5	11.94	6.148		
2,700.0	2,661.2	2,706.8	2,676.1	9.1	8.3	-170.38	-84.6	-275.1	74.8	62.3	12.52	5.979		
2,800.0	2,758.6	2,806.8	2,773.7	9.6	8.7	-169.66	-91.2	-295.8	76.3	63.2	13.10	5.822		
2,900.0	2,855.9	2,906.8	2,871.3	10.1	9.2	-168.96	-97.8	-316.4	77.8	64.1	13.70	5.675		
3,000.0	2,953.3	3,006.7	2,968.9	10.6	9.7	-168.29	-104.4	-337.1	79.2	64.9	14.30	5.539		
3,100.0	3,050.6	3,106.7	3,066.5	11.1	10.1	-167.64	-111.0	-357.7	80.7	65.8	14.92	5.412		
3,200.0	3,148.0	3,206.7	3,164.1	11.6	10.6	-167.02	-117.6	-378.4	82.2	66.7	15.53	5.292		
3,300.0	3,245.3	3,306.7	3,261.7	12.1	11.1	-166.42	-124.2	-399.0	83.7	67.6	16.16	5.180		
3,400.0	3,342.6	3,406.7	3,359.3	12.6	11.5	-165.84	-130.9	-419.7	85.2	68.4	16.79	5.075		
3,500.0	3,440.0	3,506.7	3,456.9	13.1	12.0	-165.28	-137.5	-440.4	86.8	69.3	17.43	4.976		
3,600.0	3,537.3	3,606.6	3,554.5	13.6	12.5	-164.74	-144.1	-461.0	88.3	70.2	18.08	4.883		
3,700.0	3,634.7	3,706.6	3,652.1	14.1	13.0	-164.22	-150.7	-481.7	89.8	71.1	18.73	4.795		
3,800.0	3,732.0	3,806.6	3,749.7	14.6	13.4	-163.72	-157.3	-502.3	91.4	72.0	19.39	4.712		
3,900.0	3,829.4	3,906.6	3,847.3	15.1	13.9	-163.23	-163.9	-523.0	92.9	72.9	20.05	4.634		
4,000.0	3,926.7	4,006.6	3,944.9	15.6	14.4	-162.76	-170.5	-543.7	94.5	73.8	20.72	4.559		
4,100.0	4,024.0	4,106.6	4,042.5	16.1	14.9	-162.31	-177.1	-564.3	96.0	74.7	21.40	4.489		
4,200.0	4,121.4	4,206.6	4,140.1	16.6	15.3	-161.86	-183.7	-585.0	97.6	75.5	22.08	4.422		
4,300.0	4,218.7	4,306.5	4,237.7	17.1	15.8	-161.44	-190.4	-605.6	99.2	76.4	22.76	4.358		
4,400.0	4,316.1	4,406.5	4,335.3	17.6	16.3	-161.02	-197.0	-626.3	100.8	77.3	23.45	4.298		
4,500.0	4,413.4	4,506.5	4,432.9	18.1	16.8	-160.62	-203.6	-646.9	102.4	78.2	24.14	4.240		
4,600.0	4,510.8	4,606.5	4,530.5	18.6	17.2	-160.24	-210.2	-667.6	104.0	79.1	24.84	4.185		
4,700.0	4,608.1	4,706.5	4,628.2	19.1	17.7	-159.86	-216.8	-688.3	105.6	80.0	25.54	4.133		
4,800.0	4,705.5	4,806.5	4,725.8	19.6	18.2	-159.49	-223.4	-708.9	107.2	80.9	26.24	4.083		
4,900.0	4,802.8	4,906.5	4,823.4	20.1	18.7	-159.14	-230.0	-729.6	108.8	81.8	26.95	4.035		
5,000.0	4,900.1	5,006.4	4,921.0	20.6	19.2	-158.80	-236.6	-750.2	110.4	82.7	27.66	3.990		

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,100.0	4,997.5	5,106.4	5,018.6	21.1	19.6	-158.46	-243.2	-770.9	112.0	83.6	28.38	3.946	
5,200.0	5,094.8	5,206.4	5,116.2	21.6	20.1	-158.14	-249.9	-791.5	113.6	84.5	29.09	3.904	
5,300.0	5,192.2	5,306.4	5,213.8	22.1	20.6	-157.82	-256.5	-812.2	115.2	85.4	29.82	3.864	
5,400.0	5,289.5	5,406.4	5,311.4	22.6	21.1	-157.51	-263.1	-832.9	116.8	86.3	30.54	3.826	
5,500.0	5,386.9	5,506.4	5,409.0	23.1	21.6	-157.22	-269.7	-853.5	118.5	87.2	31.26	3.789	
5,600.0	5,484.2	5,606.3	5,506.6	23.6	22.0	-156.92	-276.3	-874.2	120.1	88.1	31.99	3.754	
5,700.0	5,581.5	5,706.3	5,604.2	24.1	22.5	-156.64	-282.9	-894.8	121.7	89.0	32.72	3.720	
5,800.0	5,678.9	5,806.3	5,701.8	24.6	23.0	-156.37	-289.5	-915.5	123.4	89.9	33.46	3.687	
5,900.0	5,776.2	5,906.3	5,799.4	25.1	23.5	-156.10	-296.1	-936.2	125.0	90.8	34.19	3.656	
6,000.0	5,873.6	6,006.3	5,897.0	25.6	24.0	-155.84	-302.8	-956.8	126.6	91.7	34.93	3.625	
6,100.0	5,970.9	6,106.3	5,994.6	26.1	24.4	-155.58	-309.4	-977.5	128.3	92.6	35.67	3.596	
6,200.0	6,068.3	6,206.3	6,092.2	26.6	24.9	-155.34	-316.0	-998.1	129.9	93.5	36.42	3.568	
6,300.0	6,165.6	6,306.2	6,189.8	27.1	25.4	-155.09	-322.6	-1,018.8	131.6	94.4	37.16	3.541	
6,400.0	6,262.9	6,406.2	6,287.4	27.7	25.9	-154.86	-329.2	-1,039.4	133.2	95.3	37.91	3.515	
6,500.0	6,360.3	6,509.2	6,388.0	28.2	26.3	-154.04	-330.2	-1,060.8	133.9	96.1	37.75	3.547	
6,536.1	6,395.4	6,545.8	6,423.7	28.3	26.4	-159.30	-327.1	-1,068.4	133.7	96.5	37.17	3.597	
6,550.0	6,409.0	6,559.8	6,437.4	28.4	26.4	-165.00	-325.4	-1,071.3	133.6	96.7	36.91	3.621	
6,561.3	6,420.0	6,571.2	6,448.3	28.4	26.5	-169.73	-323.8	-1,073.6	133.6	96.9	36.69	3.642	
6,600.0	6,457.7	6,609.8	6,485.5	28.6	26.6	173.95	-317.1	-1,081.6	133.8	97.8	36.00	3.716	
6,650.0	6,506.3	6,659.1	6,532.4	28.8	26.7	154.34	-305.6	-1,091.6	134.5	99.2	35.24	3.815	
6,700.0	6,554.6	6,707.9	6,578.0	29.0	26.9	138.04	-291.0	-1,101.4	135.7	101.0	34.69	3.910	
6,750.0	6,602.3	6,756.2	6,621.9	29.1	27.0	125.13	-273.4	-1,110.8	137.3	102.9	34.38	3.994	
6,800.0	6,649.2	6,804.0	6,664.1	29.3	27.1	114.90	-253.1	-1,119.9	139.4	105.1	34.28	4.066	
6,850.0	6,695.0	6,851.2	6,704.6	29.4	27.1	106.65	-230.3	-1,128.7	141.9	107.5	34.38	4.127	
6,900.0	6,739.6	6,898.0	6,743.0	29.5	27.2	99.83	-205.0	-1,137.1	144.6	110.0	34.60	4.180	
6,950.0	6,782.7	6,944.4	6,779.5	29.7	27.3	94.10	-177.4	-1,145.0	147.7	112.8	34.89	4.232	
7,000.0	6,824.0	6,990.4	6,813.8	29.8	27.3	89.21	-147.8	-1,152.5	150.9	115.7	35.19	4.287	
7,050.0	6,863.5	7,036.0	6,845.9	29.9	27.4	84.98	-116.3	-1,159.6	154.2	118.8	35.45	4.349	
7,100.0	6,900.9	7,081.2	6,875.8	29.9	27.4	81.32	-83.0	-1,166.1	157.6	122.0	35.64	4.422	
7,150.0	6,936.1	7,126.1	6,903.4	30.0	27.5	78.11	-48.0	-1,172.3	161.0	125.3	35.73	4.505	
7,200.0	6,968.7	7,170.7	6,928.6	30.1	27.5	75.32	-11.7	-1,177.9	164.3	128.6	35.72	4.601	
7,250.0	6,998.8	7,215.0	6,951.4	30.2	27.6	72.87	26.0	-1,183.0	167.6	132.0	35.61	4.707	
7,300.0	7,026.2	7,259.1	6,971.7	30.3	27.6	70.74	64.8	-1,187.6	170.7	135.3	35.44	4.817	
7,350.0	7,050.6	7,300.0	6,988.5	30.3	27.7	68.95	101.9	-1,191.5	173.7	138.6	35.09	4.949	
7,400.0	7,072.1	7,346.5	7,005.1	30.4	27.8	67.29	145.2	-1,195.3	176.3	141.6	34.76	5.073	
7,450.0	7,090.4	7,390.0	7,018.0	30.5	27.9	65.93	186.6	-1,198.4	178.8	144.4	34.40	5.197	
7,500.0	7,105.6	7,433.3	7,028.4	30.6	27.9	64.78	228.5	-1,200.9	181.0	146.9	34.05	5.314	
7,550.0	7,117.5	7,476.4	7,036.3	30.7	28.1	63.84	270.9	-1,202.9	182.9	149.1	33.74	5.420	
7,600.0	7,126.0	7,519.5	7,041.7	30.9	28.2	63.09	313.5	-1,204.3	184.4	150.9	33.48	5.508	
7,650.0	7,131.2	7,562.4	7,044.5	31.0	28.3	62.53	356.4	-1,205.3	185.7	152.3	33.31	5.573	
7,701.4	7,133.0	7,608.6	7,044.9	31.2	28.5	62.16	402.5	-1,205.7	186.5	153.2	33.28	5.603	
7,800.0	7,133.0	7,707.1	7,044.3	31.6	28.9	62.00	501.1	-1,206.3	186.8	152.0	34.80	5.367	
7,900.0	7,133.0	7,807.1	7,043.7	32.1	29.5	61.83	601.1	-1,207.0	187.1	150.5	36.57	5.115	
8,000.0	7,133.0	7,907.1	7,043.1	32.7	30.2	61.67	701.1	-1,207.6	187.3	148.8	38.56	4.859	
8,100.0	7,133.0	8,007.1	7,042.5	33.5	31.1	61.50	801.1	-1,208.2	187.6	146.9	40.73	4.607	
8,200.0	7,133.0	8,107.1	7,041.9	34.4	32.1	61.34	901.1	-1,208.8	187.9	144.9	43.06	4.365	
8,300.0	7,133.0	8,207.1	7,041.3	35.3	33.1	61.18	1,001.1	-1,209.5	188.2	142.7	45.51	4.135	
8,400.0	7,133.0	8,307.1	7,040.6	36.4	34.3	61.01	1,101.0	-1,210.1	188.5	140.4	48.08	3.921	
8,500.0	7,133.0	8,407.1	7,040.0	37.6	35.6	60.85	1,201.0	-1,210.7	188.8	138.1	50.73	3.722	
8,600.0	7,133.0	8,507.1	7,039.4	38.8	36.9	60.69	1,301.0	-1,211.3	189.1	135.7	53.46	3.537	
8,700.0	7,133.0	8,607.1	7,038.8	40.1	38.3	60.53	1,401.0	-1,212.0	189.4	133.2	56.25	3.367	
8,800.0	7,133.0	8,707.1	7,038.2	41.4	39.7	60.37	1,501.0	-1,212.6	189.7	130.6	59.09	3.211	

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	
8,900.0	7,133.0	8,807.1	7,037.6	42.8	41.2	60.21	1,601.0	-1,213.2	190.0	128.0	61.97	3.066	
9,000.0	7,133.0	8,907.1	7,037.0	44.3	42.7	60.05	1,701.0	-1,213.9	190.3	125.4	64.89	2.933	
9,100.0	7,133.0	9,007.1	7,036.4	45.8	44.2	59.89	1,801.0	-1,214.5	190.6	122.8	67.84	2.810	
9,200.0	7,133.0	9,107.1	7,035.8	47.3	45.8	59.73	1,901.0	-1,215.1	190.9	120.1	70.82	2.696	
9,300.0	7,133.0	9,207.1	7,035.1	48.8	47.4	59.57	2,001.0	-1,215.7	191.2	117.4	73.82	2.591	
9,400.0	7,133.0	9,307.1	7,034.5	50.4	49.1	59.41	2,101.0	-1,216.4	191.5	114.7	76.83	2.493	
9,500.0	7,133.0	9,407.1	7,033.9	52.0	50.7	59.26	2,201.0	-1,217.0	191.9	112.0	79.86	2.403	
9,600.0	7,133.0	9,507.1	7,033.3	53.6	52.4	59.10	2,301.0	-1,217.6	192.2	109.3	82.89	2.318	
9,700.0	7,133.0	9,607.1	7,032.7	55.3	54.1	58.94	2,401.0	-1,218.3	192.5	106.5	85.94	2.240	
9,800.0	7,133.0	9,707.1	7,032.1	57.0	55.8	58.79	2,501.0	-1,218.9	192.8	103.8	89.00	2.166	
9,900.0	7,133.0	9,807.1	7,031.5	58.6	57.5	58.63	2,601.0	-1,219.5	193.1	101.1	92.06	2.098	
10,000.0	7,133.0	9,907.1	7,030.9	60.3	59.2	58.48	2,701.0	-1,220.1	193.4	98.3	95.12	2.034	
10,100.0	7,133.0	10,007.1	7,030.3	62.0	61.0	58.33	2,801.0	-1,220.8	193.8	95.6	98.19	1.973	
10,200.0	7,133.0	10,107.1	7,029.6	63.8	62.7	58.17	2,900.9	-1,221.4	194.1	92.8	101.26	1.917	
10,300.0	7,133.0	10,207.1	7,029.0	65.5	64.5	58.02	3,000.9	-1,222.0	194.4	90.1	104.33	1.863	
10,400.0	7,133.0	10,307.1	7,028.4	67.2	66.3	57.87	3,100.9	-1,222.7	194.7	87.3	107.40	1.813	
10,500.0	7,133.0	10,407.1	7,027.8	69.0	68.0	57.71	3,200.9	-1,223.3	195.1	84.6	110.47	1.766	
10,600.0	7,133.0	10,507.1	7,027.2	70.8	69.8	57.56	3,300.9	-1,223.9	195.4	81.8	113.54	1.721	
10,700.0	7,133.0	10,607.1	7,026.6	72.5	71.6	57.41	3,400.9	-1,224.5	195.7	79.1	116.60	1.678	
10,800.0	7,133.0	10,707.1	7,026.0	74.3	73.4	57.26	3,500.9	-1,225.2	196.0	76.4	119.67	1.638	
10,900.0	7,133.0	10,807.1	7,025.4	76.1	75.2	57.11	3,600.9	-1,225.8	196.4	73.6	122.72	1.600	
11,000.0	7,133.0	10,907.1	7,024.8	77.9	77.0	56.96	3,700.9	-1,226.4	196.7	70.9	125.78	1.564	
11,100.0	7,133.0	11,007.1	7,024.2	79.7	78.9	56.81	3,800.9	-1,227.1	197.0	68.2	128.83	1.529	
11,200.0	7,133.0	11,107.1	7,023.5	81.5	80.7	56.67	3,900.9	-1,227.7	197.4	65.5	131.88	1.497 Level 3	
11,300.0	7,133.0	11,207.1	7,022.9	83.3	82.5	56.52	4,000.9	-1,228.3	197.7	62.8	134.92	1.465 Level 3	
11,400.0	7,133.0	11,307.1	7,022.3	85.1	84.3	56.37	4,100.9	-1,228.9	198.0	60.1	137.96	1.436 Level 3	
11,500.0	7,133.0	11,407.1	7,021.7	86.9	86.2	56.22	4,200.9	-1,229.6	198.4	57.4	140.99	1.407 Level 3	
11,600.0	7,133.0	11,507.1	7,021.1	88.7	88.0	56.08	4,300.9	-1,230.2	198.7	54.7	144.02	1.380 Level 3	
11,700.0	7,133.0	11,607.1	7,020.5	90.6	89.9	55.93	4,400.9	-1,230.8	199.1	52.0	147.04	1.354 Level 3	
11,741.6	7,133.0	11,648.6	7,020.2	91.3	90.6	55.87	4,442.4	-1,231.1	199.2	50.9	148.29	1.343 Level 3	
11,783.6	7,133.0	11,676.3	7,020.1	92.1	91.1	55.83	4,470.1	-1,231.3	199.9	50.5	149.36	1.338 Level 3, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	0.0	0.0	0.0	0.0	59.39	15.3	25.9	30.1					
100.0	100.0	100.0	100.0	0.1	0.1	59.39	15.3	25.9	30.1	29.8	0.22	133.798		
200.0	200.0	200.0	200.0	0.3	0.3	59.39	15.3	25.9	30.1	29.4	0.67	44.599		
300.0	300.0	300.0	300.0	0.6	0.6	59.39	15.3	25.9	30.1	28.9	1.12	26.760		
400.0	400.0	400.0	400.0	0.8	0.8	59.39	15.3	25.9	30.1	28.5	1.57	19.114		
500.0	500.0	500.0	500.0	1.0	1.0	59.39	15.3	25.9	30.1	28.1	2.02	14.866		
600.0	600.0	600.0	600.0	1.2	1.2	59.39	15.3	25.9	30.1	27.6	2.47	12.163		
700.0	700.0	700.0	700.0	1.5	1.5	59.39	15.3	25.9	30.1	27.2	2.92	10.292		
800.0	800.0	800.0	800.0	1.7	1.7	59.39	15.3	25.9	30.1	26.7	3.37	8.920 CC, ES		
900.0	900.0	900.0	900.0	1.9	1.9	164.85	15.3	25.9	31.8	28.0	3.80	8.348		
1,000.0	999.8	999.8	999.8	2.1	2.1	166.95	15.3	25.9	36.8	32.6	4.22	8.721		
1,100.0	1,099.5	1,099.5	1,099.5	2.3	2.4	169.41	15.3	25.9	45.4	40.7	4.64	9.768		
1,200.0	1,198.7	1,198.7	1,198.7	2.6	2.6	171.61	15.3	25.9	57.4	52.3	5.07	11.330		
1,300.0	1,297.5	1,300.0	1,299.9	2.8	2.8	173.49	14.6	24.3	71.2	65.7	5.47	13.025		
1,400.0	1,395.6	1,401.7	1,401.6	3.2	3.0	175.18	12.4	19.4	85.0	79.2	5.85	14.533		
1,461.8	1,455.9	1,464.9	1,464.5	3.4	3.1	176.16	10.2	14.7	93.6	87.5	6.09	15.357		
1,500.0	1,493.1	1,504.1	1,503.5	3.6	3.2	176.76	8.6	11.2	98.6	92.3	6.25	15.765		
1,600.0	1,590.5	1,607.2	1,605.8	4.0	3.4	178.24	3.4	-0.4	109.3	102.6	6.69	16.339		
1,700.0	1,687.8	1,710.7	1,708.0	4.4	3.7	179.74	-3.5	-15.4	116.6	109.4	7.15	16.312		
1,800.0	1,785.1	1,810.5	1,806.3	4.8	4.0	-178.83	-10.8	-31.4	122.3	114.7	7.61	16.063		
1,900.0	1,882.5	1,910.3	1,904.5	5.3	4.3	-177.54	-18.0	-47.4	128.1	120.0	8.09	15.822		
2,000.0	1,979.8	2,010.1	2,002.7	5.8	4.6	-176.35	-25.3	-63.4	133.9	125.3	8.59	15.595		
2,100.0	2,077.2	2,109.9	2,101.0	6.2	5.0	-175.27	-32.5	-79.3	139.8	130.7	9.09	15.377		
2,200.0	2,174.5	2,209.7	2,199.2	6.7	5.3	-174.27	-39.8	-95.3	145.7	136.1	9.61	15.169		
2,300.0	2,271.9	2,309.5	2,297.5	7.2	5.7	-173.36	-47.1	-111.3	151.7	141.6	10.13	14.971		
2,400.0	2,369.2	2,409.3	2,395.7	7.7	6.0	-172.51	-54.3	-127.2	157.7	147.0	10.67	14.783		
2,500.0	2,466.6	2,509.1	2,493.9	8.2	6.4	-171.72	-61.6	-143.2	163.7	152.5	11.21	14.605		
2,600.0	2,563.9	2,608.9	2,592.2	8.6	6.8	-170.99	-68.9	-159.2	169.8	158.0	11.76	14.435		
2,700.0	2,661.2	2,708.7	2,690.4	9.1	7.2	-170.31	-76.1	-175.1	175.9	163.6	12.32	14.274		
2,800.0	2,758.6	2,808.4	2,788.6	9.6	7.5	-169.68	-83.4	-191.1	182.0	169.1	12.89	14.121		
2,900.0	2,855.9	2,908.2	2,886.9	10.1	7.9	-169.09	-90.7	-207.1	188.1	174.7	13.46	13.976		
3,000.0	2,953.3	3,008.0	2,985.1	10.6	8.3	-168.53	-97.9	-223.1	194.3	180.3	14.04	13.838		
3,100.0	3,050.6	3,107.8	3,083.4	11.1	8.7	-168.01	-105.2	-239.0	200.5	185.8	14.62	13.708		
3,200.0	3,148.0	3,207.6	3,181.6	11.6	9.1	-167.52	-112.5	-255.0	206.7	191.4	15.21	13.583		
3,300.0	3,245.3	3,307.4	3,279.8	12.1	9.5	-167.06	-119.7	-271.0	212.9	197.1	15.81	13.465		
3,400.0	3,342.6	3,407.2	3,378.1	12.6	9.9	-166.63	-127.0	-286.9	219.1	202.7	16.41	13.353		
3,500.0	3,440.0	3,507.0	3,476.3	13.1	10.3	-166.21	-134.3	-302.9	225.3	208.3	17.01	13.246		
3,600.0	3,537.3	3,606.8	3,574.6	13.6	10.7	-165.82	-141.5	-318.9	231.5	213.9	17.62	13.145		
3,700.0	3,634.7	3,706.6	3,672.8	14.1	11.1	-165.46	-148.8	-334.8	237.8	219.6	18.22	13.048		
3,800.0	3,732.0	3,806.4	3,771.0	14.6	11.5	-165.11	-156.1	-350.8	244.1	225.2	18.84	12.956		
3,900.0	3,829.4	3,906.2	3,869.3	15.1	11.9	-164.77	-163.3	-366.8	250.3	230.9	19.45	12.868		
4,000.0	3,926.7	4,006.0	3,967.5	15.6	12.3	-164.46	-170.6	-382.8	256.6	236.5	20.07	12.784		
4,100.0	4,024.0	4,105.8	4,065.8	16.1	12.7	-164.16	-177.9	-398.7	262.9	242.2	20.69	12.704		
4,200.0	4,121.4	4,205.6	4,164.0	16.6	13.1	-163.87	-185.1	-414.7	269.2	247.8	21.32	12.628		
4,300.0	4,218.7	4,305.3	4,262.2	17.1	13.5	-163.60	-192.4	-430.7	275.5	253.5	21.94	12.554		
4,400.0	4,316.1	4,405.1	4,360.5	17.6	13.9	-163.34	-199.6	-446.6	281.8	259.2	22.57	12.484		
4,500.0	4,413.4	4,504.9	4,458.7	18.1	14.3	-163.09	-206.9	-462.6	288.1	264.9	23.20	12.417		
4,600.0	4,510.8	4,604.7	4,556.9	18.6	14.7	-162.85	-214.2	-478.6	294.4	270.5	23.83	12.353		
4,700.0	4,608.1	4,704.5	4,655.2	19.1	15.1	-162.62	-221.4	-494.5	300.7	276.2	24.46	12.292		
4,800.0	4,705.5	4,804.3	4,753.4	19.6	15.5	-162.40	-228.7	-510.5	307.0	281.9	25.10	12.233		
4,900.0	4,802.8	4,904.1	4,851.7	20.1	15.9	-162.19	-236.0	-526.5	313.3	287.6	25.73	12.176		
5,000.0	4,900.1	5,003.9	4,949.9	20.6	16.3	-161.98	-243.2	-542.5	319.7	293.3	26.37	12.122		

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	
5,100.0	4,997.5	5,103.7	5,048.1	21.1	16.7	-161.79	-250.5	-558.4	326.0	299.0	27.01	12.069	
5,200.0	5,094.8	5,203.5	5,146.4	21.6	17.1	-161.60	-257.8	-574.4	332.3	304.7	27.65	12.019	
5,300.0	5,192.2	5,303.3	5,244.6	22.1	17.5	-161.42	-265.0	-590.4	338.7	310.4	28.29	11.971	
5,400.0	5,289.5	5,403.1	5,342.9	22.6	17.9	-161.25	-272.3	-606.3	345.0	316.1	28.94	11.924	
5,500.0	5,386.9	5,502.9	5,441.1	23.1	18.3	-161.08	-279.6	-622.3	351.4	321.8	29.58	11.879	
5,600.0	5,484.2	5,602.7	5,539.3	23.6	18.7	-160.92	-286.8	-638.3	357.7	327.5	30.22	11.836	
5,700.0	5,581.5	5,702.4	5,637.6	24.1	19.1	-160.76	-294.1	-654.2	364.1	333.2	30.87	11.794	
5,800.0	5,678.9	5,802.2	5,735.8	24.6	19.5	-160.61	-301.4	-670.2	370.4	338.9	31.52	11.753	
5,900.0	5,776.2	5,902.0	5,834.0	25.1	19.9	-160.47	-308.6	-686.2	376.8	344.6	32.16	11.714	
6,000.0	5,873.6	6,001.8	5,932.3	25.6	20.4	-160.33	-315.9	-702.2	383.1	350.3	32.81	11.677	
6,100.0	5,970.9	6,101.6	6,030.5	26.1	20.8	-160.19	-323.2	-718.1	389.5	356.0	33.46	11.640	
6,200.0	6,068.3	6,201.4	6,128.8	26.6	21.2	-160.06	-330.4	-734.1	395.9	361.8	34.11	11.605	
6,300.0	6,165.6	6,302.4	6,228.2	27.1	21.6	-159.97	-337.5	-750.3	402.2	367.5	34.75	11.575	
6,400.0	6,262.9	6,407.4	6,331.7	27.7	21.9	-161.32	-344.5	-767.2	407.6	372.7	34.89	11.682	
6,500.0	6,360.3	6,507.8	6,429.2	28.2	22.1	-164.55	-317.4	-783.2	412.6	378.2	34.48	11.967	
6,536.1	6,395.4	6,542.1	6,461.9	28.3	22.1	-166.07	-308.3	-788.6	414.8	380.5	34.26	12.107	
6,550.0	6,409.0	6,555.2	6,474.2	28.4	22.2	-171.44	-304.5	-790.6	415.7	381.5	34.15	12.172	
6,600.0	6,457.7	6,601.3	6,517.0	28.6	22.2	168.74	-289.1	-797.7	419.3	385.5	33.80	12.406	
6,650.0	6,506.3	6,646.4	6,558.0	28.8	22.3	150.38	-271.4	-804.5	423.6	390.1	33.54	12.631	
6,700.0	6,554.6	6,690.7	6,597.1	29.0	22.3	135.34	-251.5	-811.0	428.5	395.1	33.38	12.838	
6,750.0	6,602.3	6,734.3	6,634.1	29.1	22.3	123.66	-229.6	-817.2	433.8	400.5	33.31	13.023	
6,800.0	6,649.2	6,777.1	6,669.3	29.3	22.4	114.62	-205.8	-823.1	439.5	406.2	33.34	13.182	
6,850.0	6,695.0	6,819.3	6,702.4	29.4	22.4	107.48	-180.4	-828.7	445.5	412.0	33.45	13.320	
6,900.0	6,739.6	6,860.8	6,733.6	29.5	22.4	101.70	-153.4	-834.0	451.7	418.1	33.61	13.440	
6,950.0	6,782.7	6,900.0	6,761.6	29.7	22.4	96.98	-126.4	-838.7	458.0	424.2	33.80	13.551	
7,000.0	6,824.0	6,942.4	6,790.1	29.8	22.4	92.90	-95.4	-843.6	464.3	430.3	34.02	13.649	
7,050.0	6,863.5	6,982.5	6,815.4	29.9	22.4	89.45	-64.6	-847.9	470.6	436.4	34.23	13.747	
7,100.0	6,900.9	7,022.2	6,838.7	29.9	22.4	86.48	-32.7	-851.9	476.8	442.4	34.43	13.847	
7,150.0	6,936.1	7,061.5	6,860.0	30.0	22.4	83.90	0.1	-855.6	482.8	448.2	34.60	13.952	
7,200.0	6,968.7	7,100.0	6,879.2	30.1	22.5	81.66	33.3	-859.0	488.6	453.8	34.73	14.065	
7,250.0	6,998.8	7,139.2	6,896.8	30.2	22.5	79.68	68.2	-862.1	494.0	459.1	34.86	14.172	
7,300.0	7,026.2	7,177.6	6,912.2	30.3	22.5	77.97	103.3	-864.9	499.1	464.1	34.97	14.273	
7,350.0	7,050.6	7,215.8	6,925.7	30.3	22.6	76.49	138.9	-867.3	503.8	468.8	34.99	14.399	
7,400.0	7,072.1	7,250.0	6,936.2	30.4	22.6	75.26	171.4	-869.2	508.1	473.0	35.03	14.504	
7,450.0	7,090.4	7,291.6	6,946.8	30.5	22.7	74.13	211.5	-871.3	511.8	476.7	35.11	14.578	
7,500.0	7,105.6	7,329.2	6,954.5	30.6	22.8	73.24	248.4	-872.8	515.1	479.9	35.18	14.639	
7,550.0	7,117.5	7,366.8	6,960.2	30.7	22.9	72.51	285.4	-873.9	517.8	482.5	35.29	14.674	
7,600.0	7,126.0	7,400.0	6,963.6	30.9	23.0	71.98	318.5	-874.7	520.0	484.6	35.40	14.690	
7,650.0	7,131.2	7,441.5	6,965.8	31.0	23.2	71.56	359.9	-875.4	521.5	485.9	35.62	14.640	
7,701.4	7,133.0	7,485.9	6,965.9	31.2	23.4	71.34	404.2	-875.7	522.4	486.5	35.90	14.550	
7,800.0	7,133.0	7,584.4	6,965.4	31.6	24.0	71.29	502.8	-876.3	522.5	484.9	37.62	13.889	
7,900.0	7,133.0	7,684.4	6,964.9	32.1	24.8	71.24	602.8	-876.9	522.7	483.1	39.62	13.194	
8,000.0	7,133.0	7,784.4	6,964.4	32.7	25.8	71.19	702.8	-877.5	522.9	481.0	41.83	12.498	
8,100.0	7,133.0	7,884.4	6,963.9	33.5	26.9	71.14	802.8	-878.2	523.0	478.8	44.25	11.821	
8,200.0	7,133.0	7,984.4	6,963.4	34.4	28.2	71.09	902.8	-878.8	523.2	476.4	46.82	11.175	
8,300.0	7,133.0	8,084.4	6,962.9	35.3	29.5	71.04	1,002.8	-879.4	523.4	473.8	49.52	10.568	
8,400.0	7,133.0	8,184.4	6,962.4	36.4	30.8	70.99	1,102.8	-880.0	523.5	471.2	52.35	10.001	
8,500.0	7,133.0	8,284.4	6,962.0	37.6	32.3	70.94	1,202.8	-880.6	523.7	468.4	55.26	9.476	
8,600.0	7,133.0	8,384.4	6,961.5	38.8	33.8	70.89	1,302.8	-881.3	523.9	465.6	58.26	8.992	
8,700.0	7,133.0	8,484.4	6,961.0	40.1	35.3	70.84	1,402.8	-881.9	524.0	462.7	61.33	8.544	
8,800.0	7,133.0	8,584.4	6,960.5	41.4	36.9	70.79	1,502.8	-882.5	524.2	459.8	64.46	8.132	
8,900.0	7,133.0	8,684.4	6,960.0	42.8	38.5	70.73	1,602.8	-883.1	524.4	456.7	67.64	7.753	

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 F-29HN - Wellbore #1 - Plan #1 (10-01-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,000.0	7,133.0	8,784.4	6,959.5	44.3	40.1	70.68	1,702.8	-883.7	524.6	453.7	70.86	7.403	
9,100.0	7,133.0	8,884.4	6,959.0	45.8	41.8	70.63	1,802.8	-884.4	524.7	450.6	74.12	7.080	
9,200.0	7,133.0	8,984.4	6,958.5	47.3	43.4	70.58	1,902.8	-885.0	524.9	447.5	77.41	6.781	
9,300.0	7,133.0	9,084.4	6,958.0	48.8	45.1	70.53	2,002.8	-885.6	525.1	444.3	80.73	6.504	
9,400.0	7,133.0	9,184.4	6,957.5	50.4	46.9	70.48	2,102.8	-886.2	525.2	441.2	84.07	6.247	
9,500.0	7,133.0	9,284.4	6,957.0	52.0	48.6	70.43	2,202.7	-886.8	525.4	438.0	87.44	6.009	
9,600.0	7,133.0	9,384.4	6,956.5	53.6	50.3	70.38	2,302.7	-887.5	525.6	434.8	90.83	5.787	
9,700.0	7,133.0	9,484.4	6,956.0	55.3	52.1	70.33	2,402.7	-888.1	525.8	431.5	94.23	5.580	
9,800.0	7,133.0	9,584.4	6,955.6	57.0	53.9	70.28	2,502.7	-888.7	525.9	428.3	97.64	5.386	
9,900.0	7,133.0	9,684.4	6,955.1	58.6	55.6	70.23	2,602.7	-889.3	526.1	425.0	101.07	5.205	
10,000.0	7,133.0	9,784.4	6,954.6	60.3	57.4	70.18	2,702.7	-889.9	526.3	421.8	104.51	5.036	
10,100.0	7,133.0	9,884.4	6,954.1	62.0	59.2	70.13	2,802.7	-890.5	526.5	418.5	107.96	4.876	
10,200.0	7,133.0	9,984.4	6,953.6	63.8	61.0	70.08	2,902.7	-891.2	526.6	415.2	111.42	4.726	
10,300.0	7,133.0	10,084.4	6,953.1	65.5	62.8	70.03	3,002.7	-891.8	526.8	411.9	114.89	4.585	
10,400.0	7,133.0	10,184.4	6,952.6	67.2	64.6	69.98	3,102.7	-892.4	527.0	408.6	118.37	4.452	
10,500.0	7,133.0	10,284.4	6,952.1	69.0	66.5	69.93	3,202.7	-893.0	527.2	405.3	121.85	4.326	
10,600.0	7,133.0	10,384.4	6,951.6	70.8	68.3	69.88	3,302.7	-893.6	527.3	402.0	125.34	4.207	
10,700.0	7,133.0	10,484.4	6,951.1	72.5	70.1	69.83	3,402.7	-894.3	527.5	398.7	128.83	4.095	
10,800.0	7,133.0	10,584.4	6,950.6	74.3	72.0	69.78	3,502.7	-894.9	527.7	395.4	132.33	3.988	
10,900.0	7,133.0	10,684.4	6,950.1	76.1	73.8	69.73	3,602.7	-895.5	527.9	392.1	135.83	3.886	
11,000.0	7,133.0	10,784.4	6,949.6	77.9	75.7	69.68	3,702.7	-896.1	528.1	388.7	139.33	3.790	
11,100.0	7,133.0	10,884.4	6,949.2	79.7	77.5	69.63	3,802.7	-896.7	528.2	385.4	142.84	3.698	
11,200.0	7,133.0	10,984.4	6,948.7	81.5	79.4	69.58	3,902.7	-897.4	528.4	382.1	146.35	3.611	
11,300.0	7,133.0	11,084.4	6,948.2	83.3	81.2	69.53	4,002.7	-898.0	528.6	378.7	149.86	3.527	
11,400.0	7,133.0	11,184.4	6,947.7	85.1	83.1	69.48	4,102.7	-898.6	528.8	375.4	153.38	3.448	
11,500.0	7,133.0	11,284.4	6,947.2	86.9	84.9	69.43	4,202.7	-899.2	529.0	372.1	156.89	3.372	
11,600.0	7,133.0	11,384.4	6,946.7	88.7	86.8	69.38	4,302.7	-899.8	529.1	368.7	160.41	3.299	
11,700.0	7,133.0	11,484.4	6,946.2	90.6	88.7	69.33	4,402.7	-900.5	529.3	365.4	163.93	3.229	
11,714.8	7,133.0	11,499.2	6,946.1	90.8	88.9	69.33	4,417.4	-900.6	529.4	364.9	164.45	3.219	
11,783.6	7,133.0	11,524.6	6,946.0	92.1	89.5	69.31	4,442.9	-900.7	531.3	365.1	166.12	3.198 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 G-29HN - Wellbore #1 - Plan #1 (10-01-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-14.40	131.2	-33.7	135.4					
100.0	100.0	100.0	100.0	0.1	0.1	-14.40	131.2	-33.7	135.4	135.2	0.22	602.491		
200.0	200.0	200.0	200.0	0.3	0.3	-14.40	131.2	-33.7	135.4	134.7	0.67	200.830		
300.0	300.0	300.0	300.0	0.6	0.6	-14.40	131.2	-33.7	135.4	134.3	1.12	120.498		
400.0	400.0	400.0	400.0	0.8	0.8	-14.40	131.2	-33.7	135.4	133.8	1.57	86.070		
500.0	500.0	500.0	500.0	1.0	1.0	-14.40	131.2	-33.7	135.4	133.4	2.02	66.943		
600.0	600.0	600.0	600.0	1.2	1.2	-14.40	131.2	-33.7	135.4	132.9	2.47	54.772		
700.0	700.0	700.0	700.0	1.5	1.5	-14.40	131.2	-33.7	135.4	132.5	2.92	46.345		
800.0	800.0	800.0	800.0	1.7	1.7	-14.40	131.2	-33.7	135.4	132.0	3.37	40.166 CC		
809.8	809.8	809.8	809.8	1.7	1.7	90.21	131.2	-33.7	135.4	132.0	3.41	39.667		
900.0	900.0	900.0	900.0	1.9	1.9	90.94	131.2	-33.7	135.4	131.6	3.80	35.598		
1,000.0	999.8	999.8	999.8	2.1	2.1	93.14	131.2	-33.7	135.6	131.4	4.23	32.059 ES		
1,100.0	1,099.5	1,099.5	1,099.5	2.3	2.4	96.77	131.2	-33.7	136.4	131.7	4.67	29.183		
1,200.0	1,198.7	1,198.7	1,198.7	2.6	2.6	101.71	131.2	-33.7	138.4	133.2	5.14	26.922		
1,300.0	1,297.5	1,297.5	1,297.5	2.8	2.8	107.74	131.2	-33.7	142.4	136.8	5.63	25.286		
1,400.0	1,395.6	1,395.6	1,395.6	3.2	3.0	114.49	131.2	-33.7	149.4	143.2	6.14	24.311		
1,461.8	1,455.9	1,455.9	1,455.9	3.4	3.2	118.83	131.2	-33.7	155.6	149.1	6.47	24.051		
1,500.0	1,493.1	1,493.1	1,493.1	3.6	3.2	121.52	131.2	-33.7	160.1	153.4	6.67	23.997		
1,600.0	1,590.5	1,590.5	1,590.5	4.0	3.5	127.88	131.2	-33.7	173.3	166.2	7.19	24.115		
1,700.0	1,687.8	1,687.8	1,687.8	4.4	3.7	133.30	131.2	-33.7	188.5	180.8	7.69	24.506		
1,800.0	1,785.1	1,785.1	1,785.1	4.8	3.9	137.91	131.2	-33.7	205.1	196.9	8.18	25.064		
1,900.0	1,882.5	1,882.5	1,882.5	5.3	4.1	141.82	131.2	-33.7	222.8	214.1	8.66	25.719		
2,000.0	1,979.8	1,979.8	1,979.8	5.8	4.3	145.15	131.2	-33.7	241.4	232.2	9.14	26.421		
2,100.0	2,077.2	2,077.2	2,077.2	6.2	4.6	148.01	131.2	-33.7	260.6	251.0	9.60	27.138		
2,200.0	2,174.5	2,174.5	2,174.5	6.7	4.8	150.47	131.2	-33.7	280.5	270.4	10.07	27.851		
2,300.0	2,271.9	2,271.9	2,271.9	7.2	5.0	152.61	131.2	-33.7	300.7	290.2	10.53	28.545		
2,400.0	2,369.2	2,369.2	2,369.2	7.7	5.2	154.48	131.2	-33.7	321.3	310.3	11.00	29.215		
2,500.0	2,466.6	2,466.6	2,466.6	8.2	5.4	156.12	131.2	-33.7	342.2	330.8	11.46	29.855		
2,600.0	2,563.9	2,573.1	2,573.1	8.6	5.7	157.73	130.5	-34.3	362.5	350.6	11.92	30.407		
2,700.0	2,661.2	2,685.7	2,685.5	9.1	5.9	159.32	127.0	-38.0	379.5	367.2	12.36	30.704		
2,800.0	2,758.6	2,799.5	2,799.0	9.6	6.1	160.88	120.4	-45.0	392.9	380.1	12.80	30.704		
2,900.0	2,855.9	2,914.2	2,912.8	10.1	6.3	162.47	110.5	-55.3	402.6	389.3	13.24	30.415		
3,000.0	2,953.3	3,029.5	3,026.5	10.6	6.6	164.12	97.5	-69.0	408.6	394.9	13.68	29.869		
3,100.0	3,050.6	3,145.0	3,139.5	11.1	6.9	165.87	81.2	-86.0	410.9	396.8	14.13	29.090		
3,200.0	3,148.0	3,249.5	3,241.1	11.6	7.2	167.57	64.4	-103.6	410.6	396.1	14.57	28.190		
3,300.0	3,245.3	3,348.8	3,337.7	12.1	7.5	169.18	48.2	-120.6	410.5	395.4	15.01	27.346		
3,304.0	3,249.2	3,352.8	3,341.5	12.1	7.5	169.25	47.6	-121.3	410.5	395.4	15.03	27.313		
3,400.0	3,342.6	3,448.1	3,434.2	12.6	7.8	170.80	32.0	-137.5	410.6	395.1	15.47	26.545		
3,500.0	3,440.0	3,547.4	3,530.7	13.1	8.2	172.42	15.8	-154.5	411.1	395.1	15.94	25.786		
3,600.0	3,537.3	3,646.7	3,627.2	13.6	8.5	174.02	-0.3	-171.4	411.9	395.5	16.44	25.063		
3,700.0	3,634.7	3,746.1	3,723.7	14.1	8.9	175.63	-16.5	-188.4	413.0	396.1	16.95	24.371		
3,800.0	3,732.0	3,845.4	3,820.2	14.6	9.3	177.22	-32.7	-205.3	414.5	397.0	17.48	23.708		
3,900.0	3,829.4	3,944.7	3,916.7	15.1	9.7	178.80	-48.9	-222.3	416.3	398.3	18.04	23.071		
4,000.0	3,926.7	4,044.0	4,013.3	15.6	10.1	-179.63	-65.1	-239.2	418.4	399.8	18.63	22.459		
4,100.0	4,024.0	4,143.3	4,109.8	16.1	10.5	-178.09	-81.2	-256.2	420.8	401.6	19.24	21.869		
4,200.0	4,121.4	4,242.6	4,206.3	16.6	11.0	-176.55	-97.4	-273.1	423.6	403.7	19.88	21.301		
4,300.0	4,218.7	4,342.0	4,302.8	17.1	11.4	-175.04	-113.6	-290.1	426.6	406.0	20.55	20.754		
4,400.0	4,316.1	4,441.3	4,399.3	17.6	11.9	-173.56	-129.8	-307.0	429.9	408.7	21.25	20.229		
4,500.0	4,413.4	4,540.6	4,495.8	18.1	12.3	-172.09	-146.0	-324.0	433.5	411.6	21.98	19.725		
4,600.0	4,510.8	4,639.9	4,592.3	18.6	12.8	-170.65	-162.1	-340.9	437.4	414.7	22.73	19.242		
4,700.0	4,608.1	4,739.2	4,688.8	19.1	13.2	-169.24	-178.3	-357.9	441.6	418.1	23.52	18.780		
4,800.0	4,705.5	4,838.5	4,785.4	19.6	13.7	-167.85	-194.5	-374.8	446.0	421.7	24.32	18.338		

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 G-29HN - Wellbore #1 - Plan #1 (10-01-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,900.0	4,802.8	4,937.9	4,881.9	20.1	14.1	-166.49	-210.7	-391.8	450.7	425.6	25.16	17.918	
5,000.0	4,900.1	5,037.2	4,978.4	20.6	14.6	-165.16	-226.9	-408.7	455.7	429.7	26.01	17.517	
5,100.0	4,997.5	5,136.5	5,074.9	21.1	15.1	-163.86	-243.0	-425.7	460.9	434.0	26.89	17.137	
5,200.0	5,094.8	5,235.8	5,171.4	21.6	15.5	-162.59	-259.2	-442.6	466.3	438.5	27.79	16.776	
5,300.0	5,192.2	5,335.1	5,267.9	22.1	16.0	-161.35	-275.4	-459.6	471.9	443.2	28.72	16.435	
5,400.0	5,289.5	5,434.4	5,364.4	22.6	16.5	-160.13	-291.6	-476.5	477.8	448.2	29.65	16.112	
5,500.0	5,386.9	5,530.0	5,457.4	23.1	16.9	-159.01	-307.0	-492.7	484.0	453.5	30.55	15.842	
5,600.0	5,484.2	5,619.6	5,544.9	23.6	17.2	-158.19	-319.9	-506.2	492.0	460.7	31.32	15.708	
5,700.0	5,581.5	5,709.1	5,633.0	24.1	17.5	-157.65	-331.0	-517.8	502.1	470.1	32.02	15.680 SF	
5,800.0	5,678.9	5,800.0	5,722.9	24.6	17.8	-157.36	-340.2	-527.4	514.2	481.6	32.65	15.748	
5,900.0	5,776.2	5,887.3	5,809.6	25.1	18.0	-157.33	-347.2	-534.8	528.2	495.0	33.19	15.914	
6,000.0	5,873.6	5,975.7	5,897.7	25.6	18.2	-157.53	-352.5	-540.3	544.1	510.5	33.66	16.166	
6,100.0	5,970.9	6,063.3	5,985.2	26.1	18.4	-157.94	-355.8	-543.8	562.0	527.9	34.05	16.502	
6,200.0	6,068.3	6,150.1	6,071.9	26.6	18.5	-158.52	-357.3	-545.4	581.7	547.4	34.39	16.918	
6,300.0	6,165.6	6,243.8	6,165.6	27.1	18.6	-159.28	-357.4	-545.5	603.1	568.4	34.67	17.393	
6,400.0	6,262.9	6,342.2	6,264.0	27.7	18.8	-160.04	-357.3	-545.5	624.6	589.6	34.96	17.865	
6,500.0	6,360.3	6,445.8	6,367.1	28.2	18.9	-161.62	-347.8	-545.5	645.6	610.6	34.98	18.453	
6,536.1	6,395.4	6,481.8	6,402.5	28.3	18.9	-162.45	-341.1	-545.6	653.1	618.2	34.90	18.711	
6,550.0	6,409.0	6,495.5	6,415.8	28.4	18.9	-167.72	-338.0	-545.6	656.0	621.2	34.81	18.846	
6,600.0	6,457.7	6,544.1	6,462.7	28.6	18.9	172.83	-325.2	-545.6	666.6	632.2	34.45	19.352	
6,650.0	6,506.3	6,591.8	6,507.7	28.8	18.8	154.82	-309.6	-545.7	677.5	643.4	34.11	19.862	
6,700.0	6,554.6	6,638.8	6,551.0	29.0	18.8	140.12	-291.3	-545.8	688.6	654.8	33.81	20.364	
6,750.0	6,602.3	6,685.1	6,592.4	29.1	18.7	128.76	-270.5	-545.9	699.7	666.2	33.56	20.847	
6,800.0	6,649.2	6,730.7	6,631.8	29.3	18.6	120.01	-247.4	-546.1	710.9	677.5	33.37	21.302	
6,850.0	6,695.0	6,775.8	6,669.1	29.4	18.6	113.14	-222.2	-546.2	721.9	688.7	33.24	21.721	
6,900.0	6,739.6	6,820.4	6,704.5	29.5	18.5	107.61	-195.0	-546.3	732.9	699.7	33.16	22.103	
6,950.0	6,782.7	6,864.5	6,737.7	29.7	18.4	103.06	-166.1	-546.5	743.6	710.4	33.13	22.445	
7,000.0	6,824.0	6,908.1	6,768.7	29.8	18.3	99.23	-135.4	-546.6	754.0	720.8	33.14	22.749	
7,050.0	6,863.5	6,950.0	6,796.7	29.9	18.2	95.98	-104.3	-546.8	764.0	730.8	33.19	23.016	
7,100.0	6,900.9	6,994.3	6,824.3	29.9	18.1	93.14	-69.6	-547.0	773.6	740.3	33.28	23.247	
7,150.0	6,936.1	7,036.9	6,848.7	30.0	18.0	90.68	-34.7	-547.2	782.7	749.3	33.39	23.443	
7,200.0	6,968.7	7,079.2	6,870.9	30.1	17.9	88.54	1.3	-547.4	791.3	757.8	33.52	23.607	
7,250.0	6,998.8	7,121.2	6,890.8	30.2	17.8	86.67	38.3	-547.6	799.3	765.6	33.67	23.739	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	0.0	0.0	0.0	0.0	-8.55	138.8	-20.9	140.4				
100.0	100.0	100.0	100.0	0.1	0.1	-8.55	138.8	-20.9	140.4	140.1	0.22	624.529	
200.0	200.0	200.0	200.0	0.3	0.3	-8.55	138.8	-20.9	140.4	139.7	0.67	208.176 CC, ES	
300.0	300.0	295.3	295.3	0.6	0.6	-8.46	140.4	-20.9	142.0	140.9	1.11	127.589	
400.0	400.0	394.0	393.9	0.8	0.8	-8.22	144.5	-20.9	146.1	144.5	1.56	93.456	
500.0	500.0	493.9	493.7	1.0	1.0	-7.99	148.7	-20.9	150.3	148.3	2.02	74.422	
600.0	600.0	593.8	593.5	1.2	1.2	-7.77	152.9	-20.9	154.5	152.0	2.48	62.367	
700.0	700.0	693.7	693.3	1.5	1.5	-7.57	157.2	-20.9	158.7	155.8	2.94	54.059	
800.0	800.0	793.6	793.2	1.7	1.7	-7.37	161.4	-20.9	162.9	159.5	3.39	47.989	
900.0	900.0	893.5	892.9	1.9	1.9	97.92	165.6	-20.9	167.3	163.5	3.80	44.008	
1,000.0	999.8	993.2	992.6	2.1	2.2	99.70	169.9	-20.9	172.4	168.1	4.23	40.756	
1,100.0	1,099.5	1,092.6	1,091.9	2.3	2.4	102.45	174.1	-20.9	178.3	173.6	4.67	38.161	
1,200.0	1,198.7	1,191.7	1,190.8	2.6	2.6	106.01	178.3	-20.9	185.6	180.4	5.14	36.125	
1,300.0	1,297.5	1,290.2	1,289.3	2.8	2.9	110.18	182.4	-20.9	194.8	189.1	5.63	34.603	
1,400.0	1,395.6	1,388.7	1,387.7	3.2	3.1	114.79	186.6	-20.9	206.4	200.3	6.14	33.590	
1,461.8	1,455.9	1,453.5	1,452.5	3.4	3.2	118.03	188.4	-20.9	214.2	207.8	6.45	33.213	
1,500.0	1,493.1	1,493.6	1,492.6	3.6	3.3	120.14	188.8	-20.9	218.9	212.3	6.64	32.968	
1,600.0	1,590.5	1,591.5	1,590.5	4.0	3.5	124.98	188.8	-20.9	231.5	224.4	7.15	32.366	
1,700.0	1,687.8	1,688.8	1,687.8	4.4	3.7	129.29	188.8	-20.9	245.6	237.9	7.68	31.969	
1,800.0	1,785.1	1,786.2	1,785.1	4.8	3.9	133.13	188.8	-20.9	260.9	252.7	8.20	31.810	
1,900.0	1,882.5	1,883.5	1,882.5	5.3	4.1	136.55	188.8	-20.9	277.3	268.6	8.71	31.830	
2,000.0	1,979.8	1,980.9	1,979.8	5.8	4.3	139.58	188.8	-20.9	294.5	285.3	9.21	31.976	
2,100.0	2,077.2	2,078.2	2,077.2	6.2	4.5	142.27	188.8	-20.9	312.5	302.8	9.70	32.209	
2,200.0	2,174.5	2,175.5	2,174.5	6.7	4.8	144.68	188.8	-20.9	331.1	320.9	10.19	32.500	
2,300.0	2,271.9	2,272.9	2,271.9	7.2	5.0	146.83	188.8	-20.9	350.1	339.5	10.67	32.829	
2,400.0	2,369.2	2,370.2	2,369.2	7.7	5.2	148.76	188.8	-20.9	369.7	358.5	11.14	33.179	
2,500.0	2,466.6	2,467.6	2,466.6	8.2	5.4	150.49	188.8	-20.9	389.6	377.9	11.61	33.540	
2,600.0	2,563.9	2,564.9	2,563.9	8.6	5.6	152.06	188.8	-20.9	409.8	397.7	12.09	33.904	
2,700.0	2,661.2	2,662.3	2,661.2	9.1	5.8	153.48	188.8	-20.9	430.2	417.7	12.56	34.266	
2,800.0	2,758.6	2,759.6	2,758.6	9.6	6.0	154.77	188.8	-20.9	450.9	437.9	13.02	34.622	
2,900.0	2,855.9	2,856.9	2,855.9	10.1	6.3	155.95	188.8	-20.9	471.8	458.3	13.49	34.969	
3,000.0	2,953.3	2,954.3	2,953.3	10.6	6.5	157.03	188.8	-20.9	492.9	479.0	13.96	35.305	
3,100.0	3,050.6	3,060.7	3,059.7	11.1	6.7	158.16	188.2	-21.1	513.7	499.3	14.41	35.645	
3,200.0	3,148.0	3,175.5	3,174.3	11.6	6.9	159.53	183.7	-22.6	531.8	517.0	14.83	35.855	
3,300.0	3,245.3	3,290.8	3,289.3	12.1	7.1	161.09	174.7	-25.6	547.0	531.8	15.24	35.894	
3,400.0	3,342.6	3,406.5	3,404.1	12.6	7.3	162.87	161.4	-30.2	559.4	543.8	15.64	35.777	
3,500.0	3,440.0	3,522.0	3,518.1	13.1	7.5	164.85	143.7	-36.2	569.2	553.2	16.03	35.510	
3,600.0	3,537.3	3,637.0	3,630.7	13.6	7.7	167.06	121.8	-43.6	576.5	560.1	16.42	35.104	
3,700.0	3,634.7	3,735.2	3,726.4	14.1	7.9	169.03	101.2	-50.6	583.1	566.2	16.82	34.655	
3,800.0	3,732.0	3,832.9	3,821.7	14.6	8.2	170.95	80.6	-57.6	590.3	573.0	17.25	34.222	
3,900.0	3,829.4	3,930.6	3,917.0	15.1	8.4	172.83	60.1	-64.6	598.2	580.5	17.70	33.793	
4,000.0	3,926.7	4,028.3	4,012.2	15.6	8.7	174.65	39.6	-71.5	606.7	588.5	18.18	33.371	
4,100.0	4,024.0	4,126.0	4,107.5	16.1	9.0	176.43	19.0	-78.5	615.8	597.2	18.69	32.948	
4,200.0	4,121.4	4,223.7	4,202.8	16.6	9.3	178.15	-1.5	-85.5	625.6	606.4	19.23	32.527	
4,300.0	4,218.7	4,321.4	4,298.1	17.1	9.6	179.82	-22.1	-92.4	635.9	616.1	19.80	32.109	
4,400.0	4,316.1	4,419.1	4,393.3	17.6	10.0	-178.56	-42.6	-99.4	646.7	626.3	20.41	31.694	
4,500.0	4,413.4	4,516.8	4,488.6	18.1	10.3	-176.99	-63.1	-106.4	658.1	637.0	21.04	31.284	
4,600.0	4,510.8	4,614.5	4,583.9	18.6	10.7	-175.48	-83.7	-113.4	669.9	648.2	21.69	30.881	
4,700.0	4,608.1	4,712.3	4,679.1	19.1	11.0	-174.02	-104.2	-120.3	682.2	659.8	22.38	30.487	
4,800.0	4,705.5	4,810.0	4,774.4	19.6	11.4	-172.61	-124.7	-127.3	694.9	671.8	23.09	30.102	
4,900.0	4,802.8	4,907.7	4,869.7	20.1	11.8	-171.25	-145.3	-134.3	708.1	684.2	23.82	29.729	
5,000.0	4,900.1	5,005.4	4,965.0	20.6	12.2	-169.94	-165.8	-141.2	721.6	697.0	24.57	29.369	

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 D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 H-29HN - Wellbore #1 - Plan #1 (10-08-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,100.0	4,997.5	5,103.1	5,060.2	21.1	12.6	-168.68	-186.3	-148.2	735.5	710.1	25.34	29.022	
5,200.0	5,094.8	5,200.8	5,155.5	21.6	13.0	-167.46	-206.9	-155.2	749.7	723.6	26.13	28.690	
5,300.0	5,192.2	5,298.5	5,250.8	22.1	13.4	-166.29	-227.4	-162.2	764.3	737.3	26.94	28.372	
5,400.0	5,289.5	5,396.2	5,346.0	22.6	13.8	-165.16	-248.0	-169.1	779.2	751.4	27.76	28.068	
5,500.0	5,386.9	5,493.9	5,441.3	23.1	14.2	-164.07	-268.5	-176.1	794.3	765.7	28.59	27.780 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 I-29HC - Wellbore #1 - Plan #1 (10-08-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-3.05	146.5	-7.8	146.7					
100.0	100.0	99.0	99.0	0.1	0.1	-3.05	146.5	-7.8	146.7	146.4	0.22	655.801		
200.0	200.0	199.0	199.0	0.3	0.3	-3.05	146.5	-7.8	146.7	146.0	0.67	218.237		
300.0	300.0	299.0	299.0	0.6	0.6	-3.05	146.5	-7.8	146.7	145.5	1.12	130.767		
400.0	400.0	399.0	399.0	0.8	0.8	-3.05	146.5	-7.8	146.7	145.1	1.57	93.352		
500.0	500.0	499.0	499.0	1.0	1.0	-3.05	146.5	-7.8	146.7	144.6	2.02	72.584		
600.0	600.0	599.0	599.0	1.2	1.2	-3.05	146.5	-7.8	146.7	144.2	2.47	59.375		
700.0	700.0	699.0	699.0	1.5	1.5	-3.05	146.5	-7.8	146.7	143.7	2.92	50.233		
800.0	800.0	799.0	799.0	1.7	1.7	-3.05	146.5	-7.8	146.7	143.3	3.37	43.531 CC		
900.0	900.0	899.0	899.0	1.9	1.9	102.21	146.5	-7.8	147.0	143.2	3.80	38.666 ES		
1,000.0	999.8	998.8	998.8	2.1	2.1	104.16	146.5	-7.8	148.2	144.0	4.23	35.057		
1,100.0	1,099.5	1,098.5	1,098.5	2.3	2.4	107.32	146.5	-7.8	150.6	145.9	4.67	32.254		
1,200.0	1,198.7	1,197.7	1,197.7	2.6	2.6	111.53	146.5	-7.8	154.7	149.6	5.13	30.152		
1,300.0	1,297.5	1,296.5	1,296.5	2.8	2.8	116.55	146.5	-7.8	161.1	155.5	5.61	28.712		
1,400.0	1,395.6	1,394.6	1,394.6	3.2	3.0	122.05	146.5	-7.8	170.6	164.5	6.11	27.918		
1,461.8	1,455.9	1,454.9	1,454.9	3.4	3.2	125.55	146.5	-7.8	178.2	171.8	6.42	27.745		
1,500.0	1,493.1	1,492.1	1,492.1	3.6	3.2	127.73	146.5	-7.8	183.6	176.9	6.62	27.722 SF		
1,600.0	1,590.5	1,589.5	1,589.5	4.0	3.5	132.89	146.5	-7.8	198.6	191.5	7.13	27.853		
1,700.0	1,687.8	1,686.8	1,686.8	4.4	3.7	137.31	146.5	-7.8	215.1	207.4	7.63	28.182		
1,800.0	1,785.1	1,784.1	1,784.1	4.8	3.9	141.09	146.5	-7.8	232.6	224.5	8.12	28.638		
1,900.0	1,882.5	1,881.5	1,881.5	5.3	4.1	144.35	146.5	-7.8	251.0	242.4	8.61	29.167		
2,000.0	1,979.8	1,978.8	1,978.8	5.8	4.3	147.16	146.5	-7.8	270.1	261.0	9.08	29.733		
2,100.0	2,077.2	2,076.2	2,076.2	6.2	4.6	149.60	146.5	-7.8	289.7	280.2	9.56	30.313		
2,200.0	2,174.5	2,173.5	2,173.5	6.7	4.8	151.73	146.5	-7.8	309.8	299.8	10.03	30.890		
2,300.0	2,271.9	2,270.9	2,270.9	7.2	5.0	153.60	146.5	-7.8	330.3	319.8	10.50	31.455		
2,400.0	2,369.2	2,368.2	2,368.2	7.7	5.2	155.26	146.5	-7.8	351.0	340.1	10.97	32.001		
2,500.0	2,466.6	2,465.6	2,465.6	8.2	5.4	156.73	146.5	-7.8	372.1	360.6	11.44	32.526		
2,600.0	2,563.9	2,562.9	2,562.9	8.6	5.6	158.04	146.5	-7.8	393.3	381.4	11.91	33.026		
2,700.0	2,661.2	2,660.2	2,660.2	9.1	5.9	159.22	146.5	-7.8	414.7	402.3	12.38	33.502		
2,800.0	2,758.6	2,763.6	2,763.6	9.6	6.1	160.42	145.8	-7.8	435.8	423.0	12.84	33.953		
2,900.0	2,855.9	2,871.3	2,871.2	10.1	6.3	161.92	141.4	-8.2	455.1	441.8	13.26	34.334		
3,000.0	2,953.3	2,979.3	2,978.8	10.6	6.5	163.69	132.9	-8.8	472.5	458.8	13.66	34.601		
3,100.0	3,050.6	3,087.0	3,085.8	11.1	6.7	165.73	120.4	-9.8	488.2	474.1	14.05	34.738		
3,200.0	3,148.0	3,194.3	3,191.8	11.6	6.9	168.00	104.1	-11.1	502.4	487.9	14.46	34.751		
3,300.0	3,245.3	3,293.7	3,289.7	12.1	7.1	170.24	86.3	-12.5	516.0	501.1	14.87	34.695		
3,400.0	3,342.6	3,390.8	3,385.2	12.6	7.3	172.33	68.8	-13.8	530.3	515.0	15.31	34.630		
3,500.0	3,440.0	3,487.9	3,480.6	13.1	7.5	174.30	51.3	-15.2	545.3	529.5	15.78	34.556		
3,600.0	3,537.3	3,585.0	3,576.1	13.6	7.8	176.18	33.8	-16.5	560.8	544.6	16.27	34.468		
3,700.0	3,634.7	3,682.1	3,671.6	14.1	8.1	177.95	16.4	-17.9	577.0	560.2	16.79	34.367		
3,800.0	3,732.0	3,779.2	3,767.1	14.6	8.3	179.63	-1.1	-19.2	593.7	576.3	17.33	34.256		
3,900.0	3,829.4	3,876.3	3,862.6	15.1	8.6	-178.78	-18.6	-20.6	610.8	592.9	17.90	34.134		
4,000.0	3,926.7	3,973.4	3,958.1	15.6	8.9	-177.28	-36.0	-22.0	628.4	610.0	18.48	34.005		
4,100.0	4,024.0	4,070.5	4,053.6	16.1	9.2	-175.86	-53.5	-23.3	646.5	627.4	19.09	33.870		
4,200.0	4,121.4	4,167.5	4,149.1	16.6	9.5	-174.51	-71.0	-24.7	664.8	645.1	19.71	33.732		
4,300.0	4,218.7	4,264.6	4,244.6	17.1	9.9	-173.24	-88.5	-26.0	683.6	663.2	20.35	33.592		
4,400.0	4,316.1	4,361.7	4,340.1	17.6	10.2	-172.03	-105.9	-27.4	702.6	681.6	21.00	33.452		
4,500.0	4,413.4	4,458.8	4,435.6	18.1	10.5	-170.88	-123.4	-28.7	722.0	700.3	21.67	33.313		
4,600.0	4,510.8	4,555.9	4,531.1	18.6	10.9	-169.80	-140.9	-30.1	741.6	719.2	22.35	33.176		
4,700.0	4,608.1	4,653.0	4,626.6	19.1	11.2	-168.77	-158.4	-31.5	761.4	738.4	23.04	33.042		
4,800.0	4,705.5	4,750.1	4,722.1	19.6	11.5	-167.79	-175.8	-32.8	781.5	757.8	23.75	32.912		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	0.0	0.0	0.0	0.0	-67.40	62.3	-149.7	162.2					
100.0	100.0	100.0	100.0	0.1	0.1	-67.40	62.3	-149.7	162.2	162.0	0.22	721.531		
200.0	200.0	200.0	200.0	0.3	0.3	-67.40	62.3	-149.7	162.2	161.5	0.67	240.510		
300.0	300.0	300.0	300.0	0.6	0.6	-67.40	62.3	-149.7	162.2	161.1	1.12	144.306		
400.0	400.0	400.0	400.0	0.8	0.8	-67.40	62.3	-149.7	162.2	160.6	1.57	103.076		
500.0	500.0	500.0	500.0	1.0	1.0	-67.40	62.3	-149.7	162.2	160.2	2.02	80.170		
600.0	600.0	600.0	600.0	1.2	1.2	-67.40	62.3	-149.7	162.2	159.7	2.47	65.594		
700.0	700.0	700.0	700.0	1.5	1.5	-67.40	62.3	-149.7	162.2	159.3	2.92	55.502		
800.0	800.0	800.0	800.0	1.7	1.7	-67.40	62.3	-149.7	162.2	158.8	3.37	48.102		
900.0	900.0	900.0	900.0	1.9	1.9	37.59	62.3	-149.7	160.8	157.0	3.80	42.270		
1,000.0	999.8	999.8	999.8	2.1	2.1	38.80	62.3	-149.7	156.7	152.4	4.22	37.086		
1,100.0	1,099.5	1,099.5	1,099.5	2.3	2.4	40.98	62.3	-149.7	150.0	145.3	4.65	32.220		
1,200.0	1,198.7	1,198.7	1,198.7	2.6	2.6	44.34	62.3	-149.7	141.0	135.9	5.10	27.637		
1,300.0	1,297.5	1,297.5	1,297.5	2.8	2.8	49.29	62.3	-149.7	130.2	124.6	5.58	23.342		
1,400.0	1,395.6	1,395.6	1,395.6	3.2	3.0	56.40	62.3	-149.7	118.5	112.4	6.11	19.400		
1,461.8	1,455.9	1,455.9	1,455.9	3.4	3.2	62.20	62.3	-149.7	111.5	105.0	6.48	17.207		
1,500.0	1,493.1	1,493.1	1,493.1	3.6	3.2	66.24	62.3	-149.7	107.6	100.9	6.73	15.998		
1,600.0	1,590.5	1,590.5	1,590.5	4.0	3.5	77.98	62.3	-149.7	100.4	93.0	7.40	13.556		
1,693.7	1,681.6	1,681.6	1,681.6	4.4	3.7	90.00	62.3	-149.7	98.0	90.0	8.04	12.200 CC		
1,700.0	1,687.8	1,687.8	1,687.8	4.4	3.7	90.83	62.3	-149.7	98.0	90.0	8.08	12.139 ES		
1,800.0	1,785.1	1,785.1	1,785.1	4.8	3.9	103.59	62.3	-149.7	101.0	92.3	8.68	11.632 SF		
1,900.0	1,882.5	1,882.5	1,882.5	5.3	4.1	115.13	62.3	-149.7	108.8	99.6	9.20	11.830		
2,000.0	1,979.8	1,979.8	1,979.8	5.8	4.3	124.85	62.3	-149.7	120.5	110.9	9.64	12.501		
2,100.0	2,077.2	2,077.2	2,077.2	6.2	4.6	132.73	62.3	-149.7	135.2	125.1	10.05	13.452		
2,200.0	2,174.5	2,174.5	2,174.5	6.7	4.8	139.02	62.3	-149.7	151.8	141.4	10.44	14.544		
2,300.0	2,271.9	2,271.9	2,271.9	7.2	5.0	144.04	62.3	-149.7	170.0	159.1	10.83	15.689		
2,400.0	2,369.2	2,369.2	2,369.2	7.7	5.2	148.09	62.3	-149.7	189.1	177.9	11.23	16.834		
2,500.0	2,466.6	2,466.6	2,466.6	8.2	5.4	151.39	62.3	-149.7	209.0	197.4	11.65	17.950		
2,600.0	2,563.9	2,564.9	2,564.8	8.6	5.6	154.32	61.7	-149.4	229.4	217.3	12.04	19.048		
2,700.0	2,661.2	2,663.2	2,663.1	9.1	5.8	157.50	58.3	-147.5	249.8	237.4	12.39	20.152		
2,800.0	2,758.6	2,760.7	2,760.4	9.6	6.0	160.89	52.0	-144.0	270.5	257.8	12.73	21.257		
2,900.0	2,855.9	2,857.3	2,856.3	10.1	6.2	164.42	42.9	-138.9	292.0	278.9	13.06	22.356		
3,000.0	2,953.3	2,952.6	2,950.7	10.6	6.4	168.02	31.1	-132.4	314.5	301.1	13.41	23.451		
3,100.0	3,050.6	3,047.5	3,044.3	11.1	6.6	171.53	17.5	-124.7	338.4	324.6	13.80	24.522		
3,200.0	3,148.0	3,142.5	3,138.0	11.6	6.8	174.61	3.7	-117.0	363.4	349.2	14.23	25.534		
3,300.0	3,245.3	3,237.6	3,231.7	12.1	7.0	177.29	-10.1	-109.3	389.2	374.5	14.70	26.481		
3,400.0	3,342.6	3,332.6	3,325.5	12.6	7.3	179.65	-24.0	-101.6	415.8	400.6	15.20	27.361		
3,500.0	3,440.0	3,427.6	3,419.2	13.1	7.5	-178.27	-37.8	-94.0	443.0	427.3	15.72	28.178		
3,600.0	3,537.3	3,522.7	3,512.9	13.6	7.8	-176.43	-51.6	-86.3	470.7	454.4	16.27	28.936		
3,700.0	3,634.7	3,617.7	3,606.6	14.1	8.1	-174.79	-65.4	-78.6	498.7	481.9	16.83	29.640		
3,800.0	3,732.0	3,712.7	3,700.3	14.6	8.4	-173.32	-79.2	-70.9	527.2	509.8	17.40	30.293		
3,900.0	3,829.4	3,807.8	3,794.0	15.1	8.6	-172.00	-93.0	-63.2	555.9	537.9	17.99	30.902		
4,000.0	3,926.7	3,902.8	3,887.7	15.6	8.9	-170.81	-106.8	-55.5	584.8	566.2	18.58	31.469		
4,100.0	4,024.0	3,997.8	3,981.4	16.1	9.2	-169.73	-120.6	-47.8	614.0	594.8	19.19	31.999		
4,200.0	4,121.4	4,092.9	4,075.1	16.6	9.6	-168.75	-134.4	-40.1	643.3	623.5	19.80	32.495		
4,300.0	4,218.7	4,187.9	4,168.8	17.1	9.9	-167.85	-148.2	-32.4	672.9	652.4	20.41	32.960		
4,400.0	4,316.1	4,282.9	4,262.5	17.6	10.2	-167.03	-162.0	-24.7	702.5	681.5	21.03	33.397		
4,500.0	4,413.4	4,378.0	4,356.3	18.1	10.5	-166.27	-175.8	-17.0	732.3	710.6	21.66	33.808		
4,600.0	4,510.8	4,473.0	4,450.0	18.6	10.8	-165.58	-189.6	-9.3	762.2	739.9	22.29	34.196		
4,700.0	4,608.1	4,568.0	4,543.7	19.1	11.2	-164.93	-203.4	-1.6	792.1	769.2	22.92	34.562		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 K-29HN - Wellbore #1 - Plan #1 (10-02-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-62.94	70.0	-136.9	153.8					
100.0	100.0	100.0	100.0	0.1	0.1	-62.94	70.0	-136.9	153.8	153.5	0.22	684.104		
200.0	200.0	200.0	200.0	0.3	0.3	-62.94	70.0	-136.9	153.8	153.1	0.67	228.035		
300.0	300.0	300.0	300.0	0.6	0.6	-62.94	70.0	-136.9	153.8	152.6	1.12	136.821		
400.0	400.0	400.0	400.0	0.8	0.8	-62.94	70.0	-136.9	153.8	152.2	1.57	97.729		
500.0	500.0	500.0	500.0	1.0	1.0	-62.94	70.0	-136.9	153.8	151.7	2.02	76.012		
600.0	600.0	600.0	600.0	1.2	1.2	-62.94	70.0	-136.9	153.8	151.3	2.47	62.191		
700.0	700.0	700.0	700.0	1.5	1.5	-62.94	70.0	-136.9	153.8	150.8	2.92	52.623		
800.0	800.0	800.0	800.0	1.7	1.7	-62.94	70.0	-136.9	153.8	150.4	3.37	45.607		
900.0	900.0	900.0	900.0	1.9	1.9	42.12	70.0	-136.9	152.5	148.7	3.80	40.081		
1,000.0	999.8	999.8	999.8	2.1	2.1	43.52	70.0	-136.9	148.6	144.4	4.23	35.175		
1,100.0	1,099.5	1,099.5	1,099.5	2.3	2.4	46.02	70.0	-136.9	142.4	137.8	4.66	30.580		
1,200.0	1,198.7	1,198.7	1,198.7	2.6	2.6	49.88	70.0	-136.9	134.2	129.1	5.11	26.274		
1,300.0	1,297.5	1,297.5	1,297.5	2.8	2.8	55.49	70.0	-136.9	124.7	119.1	5.59	22.282		
1,400.0	1,395.6	1,395.6	1,395.6	3.2	3.0	63.42	70.0	-136.9	114.8	108.7	6.14	18.700		
1,461.8	1,455.9	1,455.9	1,455.9	3.4	3.2	69.73	70.0	-136.9	109.3	102.8	6.52	16.777		
1,500.0	1,493.1	1,493.1	1,493.1	3.6	3.2	74.04	70.0	-136.9	106.5	99.8	6.76	15.751		
1,600.0	1,590.5	1,590.5	1,590.5	4.0	3.5	86.12	70.0	-136.9	102.5	95.0	7.42	13.801		
1,631.1	1,620.8	1,620.8	1,620.8	4.1	3.5	90.00	70.0	-136.9	102.2	94.6	7.63	13.399 CC, ES		
1,700.0	1,687.8	1,687.8	1,687.8	4.4	3.7	98.54	70.0	-136.9	103.4	95.4	8.06	12.836		
1,800.0	1,785.1	1,785.1	1,785.1	4.8	3.9	110.21	70.0	-136.9	109.3	100.7	8.62	12.678 SF		
1,900.0	1,882.5	1,882.5	1,882.5	5.3	4.1	120.38	70.0	-136.9	119.3	110.2	9.11	13.099		
2,000.0	1,979.8	1,979.8	1,979.8	5.8	4.3	128.81	70.0	-136.9	132.6	123.0	9.55	13.886		
2,100.0	2,077.2	2,078.2	2,078.1	6.2	4.5	136.09	69.2	-136.2	148.0	138.0	9.93	14.899		
2,200.0	2,174.5	2,175.9	2,175.7	6.7	4.7	143.05	66.1	-133.2	164.8	154.6	10.25	16.081		
2,300.0	2,271.9	2,272.4	2,272.0	7.2	4.9	149.65	60.6	-127.9	183.6	173.0	10.54	17.416		
2,400.0	2,369.2	2,367.5	2,366.5	7.7	5.1	155.83	53.0	-120.6	204.6	193.8	10.83	18.889		
2,500.0	2,466.6	2,461.2	2,459.2	8.2	5.3	161.55	43.3	-111.2	228.2	217.0	11.15	20.473		
2,600.0	2,563.9	2,554.5	2,551.1	8.6	5.5	166.77	31.8	-100.2	254.4	242.9	11.50	22.121		
2,700.0	2,661.2	2,648.4	2,643.6	9.1	5.8	171.10	20.1	-88.9	282.3	270.4	11.91	23.716		
2,800.0	2,758.6	2,742.3	2,736.1	9.6	6.0	174.67	8.4	-77.6	311.6	299.2	12.36	25.215		
2,900.0	2,855.9	2,836.2	2,828.6	10.1	6.3	177.63	-3.4	-66.2	341.8	329.0	12.84	26.626		
3,000.0	2,953.3	2,930.2	2,921.1	10.6	6.6	-179.88	-15.1	-54.9	372.7	359.4	13.34	27.931		
3,100.0	3,050.6	3,024.1	3,013.6	11.1	6.9	-177.76	-26.8	-43.6	404.2	390.3	13.87	29.141		
3,200.0	3,148.0	3,118.0	3,106.1	11.6	7.2	-175.95	-38.6	-32.3	436.1	421.7	14.41	30.261		
3,300.0	3,245.3	3,211.9	3,198.6	12.1	7.5	-174.38	-50.3	-21.0	468.3	453.4	14.96	31.300		
3,400.0	3,342.6	3,305.8	3,291.1	12.6	7.8	-173.01	-62.0	-9.7	500.8	485.3	15.52	32.264		
3,500.0	3,440.0	3,399.8	3,383.6	13.1	8.1	-171.81	-73.8	1.6	533.6	517.5	16.09	33.159		
3,600.0	3,537.3	3,493.7	3,476.1	13.6	8.4	-170.75	-85.5	12.9	566.5	549.9	16.67	33.991		
3,700.0	3,634.7	3,587.6	3,568.6	14.1	8.8	-169.80	-97.2	24.2	599.6	582.4	17.25	34.768		
3,800.0	3,732.0	3,681.5	3,661.1	14.6	9.1	-168.95	-109.0	35.5	632.8	615.0	17.83	35.493		
3,900.0	3,829.4	3,775.4	3,753.6	15.1	9.4	-168.18	-120.7	46.8	666.2	647.8	18.42	36.171		
4,000.0	3,926.7	3,869.4	3,846.1	15.6	9.8	-167.49	-132.4	58.1	699.6	680.6	19.01	36.806		
4,100.0	4,024.0	3,963.3	3,938.6	16.1	10.1	-166.86	-144.1	69.4	733.1	713.5	19.60	37.403		
4,200.0	4,121.4	4,057.2	4,031.1	16.6	10.5	-166.29	-155.9	80.7	766.7	746.5	20.20	37.963		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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	0.0	0.0	0.0	0.0	-57.93	77.6	-123.8	146.1					
100.0	100.0	100.0	100.0	0.1	0.1	-57.93	77.6	-123.8	146.1	145.9	0.22	650.215		
200.0	200.0	200.0	200.0	0.3	0.3	-57.93	77.6	-123.8	146.1	145.5	0.67	216.738		
300.0	300.0	300.0	300.0	0.6	0.6	-57.93	77.6	-123.8	146.1	145.0	1.12	130.043		
400.0	400.0	400.0	400.0	0.8	0.8	-57.93	77.6	-123.8	146.1	144.6	1.57	92.888		
500.0	500.0	500.0	500.0	1.0	1.0	-57.93	77.6	-123.8	146.1	144.1	2.02	72.246		
600.0	600.0	600.0	600.0	1.2	1.2	-57.93	77.6	-123.8	146.1	143.7	2.47	59.110		
700.0	700.0	700.0	700.0	1.5	1.5	-57.93	77.6	-123.8	146.1	143.2	2.92	50.017		
800.0	800.0	800.0	800.0	1.7	1.7	-57.93	77.6	-123.8	146.1	142.8	3.37	43.348		
900.0	900.0	900.0	900.0	1.9	1.9	47.19	77.6	-123.8	145.0	141.2	3.80	38.106		
1,000.0	999.8	999.8	999.8	2.1	2.1	48.79	77.6	-123.8	141.4	137.2	4.23	33.471		
1,100.0	1,099.5	1,099.5	1,099.5	2.3	2.4	51.64	77.6	-123.8	135.9	131.2	4.66	29.151		
1,200.0	1,198.7	1,198.7	1,198.7	2.6	2.6	56.00	77.6	-123.8	128.6	123.5	5.12	25.138		
1,300.0	1,297.5	1,297.5	1,297.5	2.8	2.8	62.26	77.6	-123.8	120.5	114.9	5.61	21.477		
1,400.0	1,395.6	1,395.6	1,395.6	3.2	3.0	70.87	77.6	-123.8	112.8	106.6	6.17	18.294		
1,461.8	1,455.9	1,455.9	1,455.9	3.4	3.2	77.51	77.6	-123.8	109.0	102.5	6.54	16.662		
1,500.0	1,493.1	1,493.1	1,493.1	3.6	3.2	81.95	77.6	-123.8	107.4	100.6	6.79	15.827		
1,567.4	1,558.8	1,558.8	1,558.8	3.8	3.4	90.00	77.6	-123.8	106.3	99.1	7.22	14.723 CC, ES		
1,600.0	1,590.5	1,590.5	1,590.5	4.0	3.5	93.90	77.6	-123.8	106.6	99.1	7.42	14.357		
1,700.0	1,687.8	1,687.8	1,687.8	4.4	3.7	105.53	77.6	-123.8	110.6	102.5	8.02	13.790 SF		
1,800.0	1,785.1	1,785.1	1,785.1	4.8	3.9	115.99	77.6	-123.8	118.9	110.3	8.55	13.909		
1,900.0	1,882.5	1,883.4	1,883.4	5.3	4.1	125.47	76.9	-122.9	130.5	121.5	9.00	14.503		
2,000.0	1,979.8	1,980.8	1,980.7	5.8	4.3	134.50	74.3	-119.2	144.7	135.3	9.35	15.465		
2,100.0	2,077.2	2,076.7	2,076.3	6.2	4.5	142.86	69.8	-113.0	162.0	152.3	9.67	16.756		
2,200.0	2,174.5	2,171.1	2,170.0	6.7	4.7	150.44	63.6	-104.4	182.7	172.7	9.97	18.332		
2,300.0	2,271.9	2,263.7	2,261.7	7.2	4.9	157.19	55.7	-93.5	206.9	196.6	10.28	20.133		
2,400.0	2,369.2	2,354.4	2,351.0	7.7	5.1	163.12	46.3	-80.5	234.7	224.0	10.62	22.092		
2,500.0	2,466.6	2,443.9	2,438.5	8.2	5.4	168.33	35.5	-65.4	265.8	254.8	11.01	24.147		
2,600.0	2,563.9	2,535.7	2,528.1	8.6	5.7	172.76	23.8	-49.3	299.3	287.8	11.44	26.151		
2,700.0	2,661.2	2,627.6	2,617.8	9.1	6.0	176.31	12.1	-33.1	334.1	322.2	11.92	28.022		
2,800.0	2,758.6	2,719.4	2,707.5	9.6	6.3	179.21	0.5	-16.9	369.8	357.4	12.42	29.767		
2,900.0	2,855.9	2,811.3	2,797.1	10.1	6.6	-178.39	-11.2	-0.8	406.3	393.3	12.95	31.381		
3,000.0	2,953.3	2,903.1	2,886.8	10.6	7.0	-176.38	-22.9	15.4	443.2	429.8	13.48	32.872		
3,100.0	3,050.6	2,995.0	2,976.5	11.1	7.3	-174.67	-34.5	31.6	480.6	466.6	14.03	34.249		
3,200.0	3,148.0	3,086.9	3,066.1	11.6	7.7	-173.21	-46.2	47.8	518.3	503.7	14.59	35.522		
3,300.0	3,245.3	3,178.7	3,155.8	12.1	8.1	-171.94	-57.8	63.9	556.3	541.1	15.16	36.702		
3,400.0	3,342.6	3,270.6	3,245.5	12.6	8.5	-170.84	-69.5	80.1	594.4	578.7	15.73	37.796		
3,500.0	3,440.0	3,362.4	3,335.1	13.1	8.9	-169.86	-81.2	96.3	632.8	616.5	16.30	38.814		
3,600.0	3,537.3	3,454.3	3,424.8	13.6	9.2	-169.00	-92.8	112.5	671.2	654.4	16.88	39.761		
3,700.0	3,634.7	3,546.1	3,514.4	14.1	9.6	-168.23	-104.5	128.6	709.8	692.4	17.46	40.645		
3,800.0	3,732.0	3,638.0	3,604.1	14.6	10.0	-167.54	-116.2	144.8	748.5	730.5	18.05	41.471		
3,900.0	3,829.4	3,729.8	3,693.8	15.1	10.5	-166.91	-127.8	161.0	787.3	768.6	18.64	42.244		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix D-29HC
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4730.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix D-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 @ 4730.5ft (RKB - 22.5')

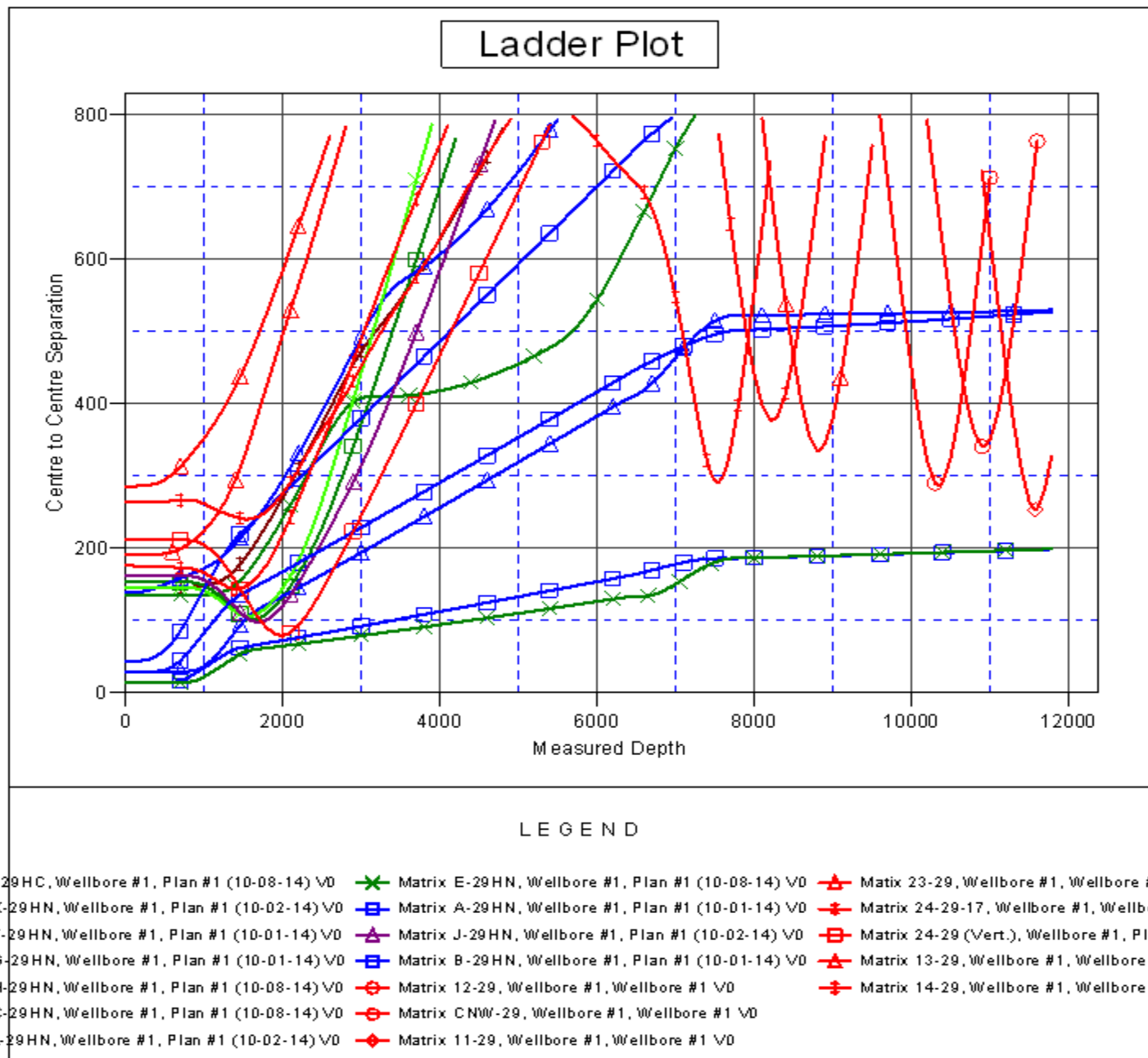
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: Matrix D-29HC

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.52°



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