

Bayswater Exploration & Production, LLC

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

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

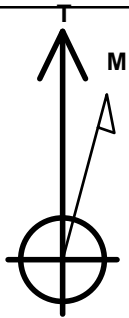
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4707.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1408895.27	3225820.23	40.452983	-104.688540	
		RKB - 22.5'	WELL @ 4729.5ft (RKB - 22.5')			

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 563'FSL, 2276'FWL	1.0	0.0	0.0	Point
BHL 470'FNL, 806'FEL	6945.0	4067.7	2131.2	Point



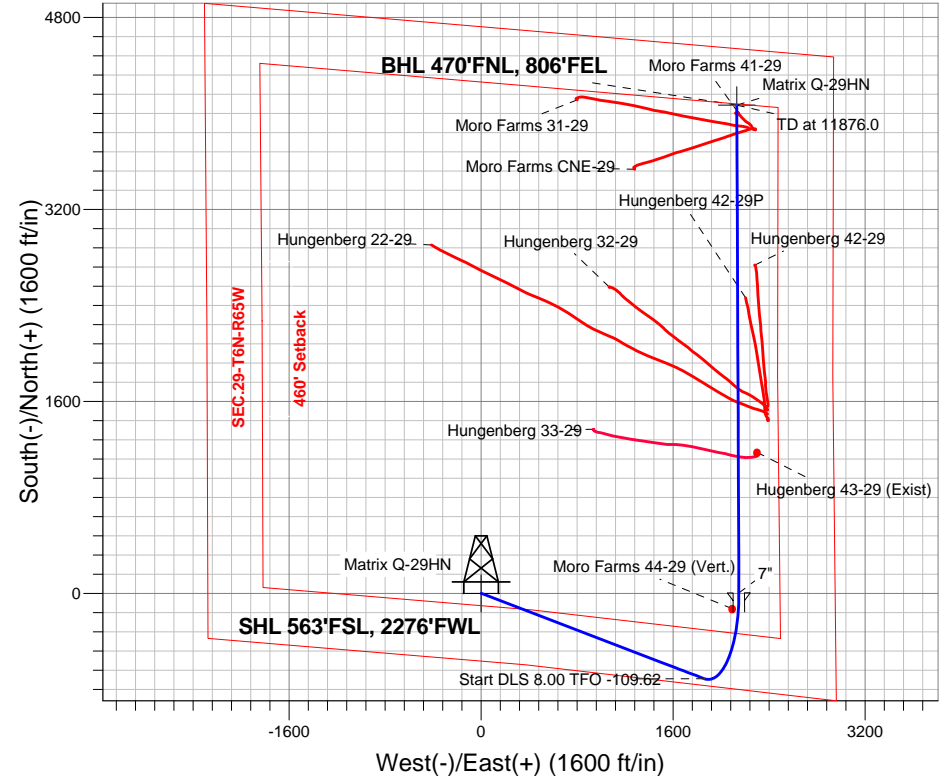
Azimuths to True North
Magnetic North: 8.37°

Magnetic Field
Strength: 52810.2nT
Dip Angle: 66.99°
Date: 11/6/2014
Model: IGRF2010

Matrix 29- Pad Sec.29-T6N-R65W
Matrix Q-29HN
Plan #1 (11-06-14)
10:15, November 06 2014

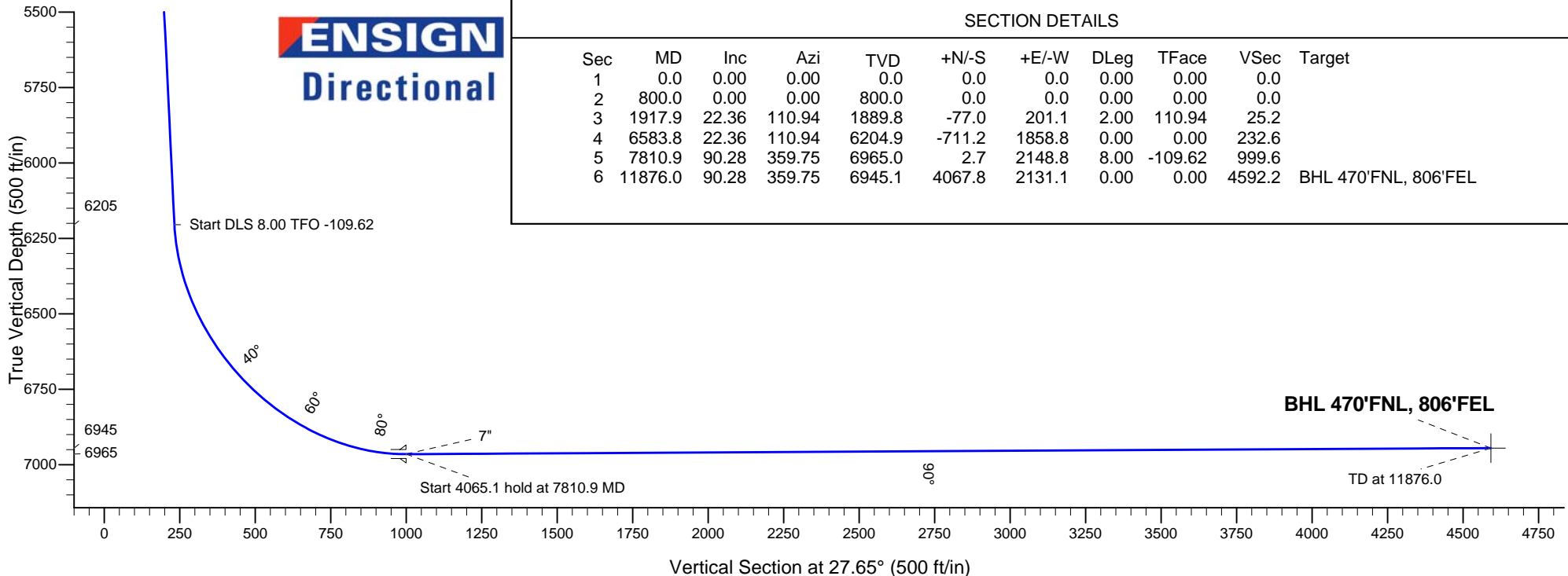
ANNOTATIONS

TVD	MD	Annotation
800.0	800.0	KOP - Start Build 2.00
6204.9	6583.8	Start DLS 8.00 TFO -109.62
6965.0	7810.9	Start 4065.1 hold at 7810.9 MD
6945.1	11876.0	TD at 11876.0



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.0	
3	1917.9	22.36	110.94	1889.8	-77.0	201.1	2.00	110.94	25.2	
4	6583.8	22.36	110.94	6204.9	-711.2	1858.8	0.00	0.00	232.6	
5	7810.9	90.28	359.75	6965.0	2.7	2148.8	8.00	-109.62	999.6	
6	11876.0	90.28	359.75	6945.1	4067.8	2131.1	0.00	0.00	4592.2	BHL 470'FNL, 806'FEL





Bayswater Exploration & Production, LLC

SEC.29-T6N-R65W

Matrix 29- Pad Sec.29-T6N-R65W

Matrix Q-29HN

Wellbore #1

Plan: Plan #1 (11-06-14)

Standard Planning Report

06 November, 2014



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Database:	Landmark	Local Co-ordinate Reference:	Well Matrix Q-29HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-06-14)		

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 Q-29HN					
Well Position	+N-S	53.5 ft	Northing:	1,408,895.27 ft	Latitude:	40.452983
	+E-W	90.2 ft	Easting:	3,225,820.23 ft	Longitude:	-104.688540
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,707.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/6/2014	8.37	66.99	52,810

Design	Plan #1 (11-06-14)			
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	27.65

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	
1,917.9	22.36	110.94	1,889.8	-77.0	201.1	2.00	2.00	0.00	110.94	
6,583.8	22.36	110.94	6,204.9	-711.2	1,858.8	0.00	0.00	0.00	0.00	
7,810.9	90.28	359.75	6,965.0	2.7	2,148.8	8.00	5.54	-9.06	-109.62	
11,876.0	90.28	359.75	6,945.1	4,067.8	2,131.1	0.00	0.00	0.00	0.00	BHL 470'FNL, 806'f

Database:	Landmark	Local Co-ordinate Reference:	Well Matrix Q-29HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-06-14)		

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 563'FSL, 2276'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	110.94	900.0	-0.6	1.6	0.2	2.00	2.00	0.00
1,000.0	4.00	110.94	999.8	-2.5	6.5	0.8	2.00	2.00	0.00
1,100.0	6.00	110.94	1,099.5	-5.6	14.7	1.8	2.00	2.00	0.00
1,200.0	8.00	110.94	1,198.7	-10.0	26.0	3.3	2.00	2.00	0.00
1,300.0	10.00	110.94	1,297.5	-15.6	40.6	5.1	2.00	2.00	0.00
1,400.0	12.00	110.94	1,395.6	-22.4	58.5	7.3	2.00	2.00	0.00
1,500.0	14.00	110.94	1,493.1	-30.4	79.5	9.9	2.00	2.00	0.00
1,600.0	16.00	110.94	1,589.6	-39.7	103.6	13.0	2.00	2.00	0.00
1,700.0	18.00	110.94	1,685.3	-50.1	131.0	16.4	2.00	2.00	0.00
1,800.0	20.00	110.94	1,779.8	-61.7	161.4	20.2	2.00	2.00	0.00
1,900.0	22.00	110.94	1,873.2	-74.5	194.8	24.4	2.00	2.00	0.00
1,917.9	22.36	110.94	1,889.8	-77.0	201.1	25.2	2.00	2.00	0.00
2,000.0	22.36	110.94	1,965.7	-88.1	230.3	28.8	0.00	0.00	0.00
2,100.0	22.36	110.94	2,058.2	-101.7	265.8	33.3	0.00	0.00	0.00
2,200.0	22.36	110.94	2,150.6	-115.3	301.4	37.7	0.00	0.00	0.00
2,300.0	22.36	110.94	2,243.1	-128.9	336.9	42.2	0.00	0.00	0.00
2,400.0	22.36	110.94	2,335.6	-142.5	372.4	46.6	0.00	0.00	0.00
2,500.0	22.36	110.94	2,428.1	-156.1	407.9	51.0	0.00	0.00	0.00
2,600.0	22.36	110.94	2,520.6	-169.7	443.5	55.5	0.00	0.00	0.00
2,700.0	22.36	110.94	2,613.0	-183.3	479.0	59.9	0.00	0.00	0.00
2,800.0	22.36	110.94	2,705.5	-196.9	514.5	64.4	0.00	0.00	0.00
2,900.0	22.36	110.94	2,798.0	-210.5	550.1	68.8	0.00	0.00	0.00
3,000.0	22.36	110.94	2,890.5	-224.1	585.6	73.3	0.00	0.00	0.00
3,100.0	22.36	110.94	2,983.0	-237.7	621.1	77.7	0.00	0.00	0.00
3,200.0	22.36	110.94	3,075.5	-251.2	656.6	82.2	0.00	0.00	0.00
3,300.0	22.36	110.94	3,167.9	-264.8	692.2	86.6	0.00	0.00	0.00
3,400.0	22.36	110.94	3,260.4	-278.4	727.7	91.1	0.00	0.00	0.00
3,500.0	22.36	110.94	3,352.9	-292.0	763.2	95.5	0.00	0.00	0.00
3,600.0	22.36	110.94	3,445.4	-305.6	798.8	100.0	0.00	0.00	0.00
3,700.0	22.36	110.94	3,537.9	-319.2	834.3	104.4	0.00	0.00	0.00
3,800.0	22.36	110.94	3,630.4	-332.8	869.8	108.8	0.00	0.00	0.00
3,900.0	22.36	110.94	3,722.8	-346.4	905.3	113.3	0.00	0.00	0.00
4,000.0	22.36	110.94	3,815.3	-360.0	940.9	117.7	0.00	0.00	0.00
4,100.0	22.36	110.94	3,907.8	-373.6	976.4	122.2	0.00	0.00	0.00
4,200.0	22.36	110.94	4,000.3	-387.2	1,011.9	126.6	0.00	0.00	0.00
4,300.0	22.36	110.94	4,092.8	-400.8	1,047.5	131.1	0.00	0.00	0.00
4,400.0	22.36	110.94	4,185.2	-414.4	1,083.0	135.5	0.00	0.00	0.00
4,500.0	22.36	110.94	4,277.7	-428.0	1,118.5	140.0	0.00	0.00	0.00
4,600.0	22.36	110.94	4,370.2	-441.6	1,154.0	144.4	0.00	0.00	0.00
4,700.0	22.36	110.94	4,462.7	-455.2	1,189.6	148.9	0.00	0.00	0.00
4,800.0	22.36	110.94	4,555.2	-468.7	1,225.1	153.3	0.00	0.00	0.00
4,900.0	22.36	110.94	4,647.7	-482.3	1,260.6	157.7	0.00	0.00	0.00

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Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-06-14)		

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	22.36	110.94	4,740.1	-495.9	1,296.1	162.2	0.00	0.00	0.00
5,100.0	22.36	110.94	4,832.6	-509.5	1,331.7	166.6	0.00	0.00	0.00
5,200.0	22.36	110.94	4,925.1	-523.1	1,367.2	171.1	0.00	0.00	0.00
5,300.0	22.36	110.94	5,017.6	-536.7	1,402.7	175.5	0.00	0.00	0.00
5,400.0	22.36	110.94	5,110.1	-550.3	1,438.3	180.0	0.00	0.00	0.00
5,500.0	22.36	110.94	5,202.6	-563.9	1,473.8	184.4	0.00	0.00	0.00
5,600.0	22.36	110.94	5,295.0	-577.5	1,509.3	188.9	0.00	0.00	0.00
5,700.0	22.36	110.94	5,387.5	-591.1	1,544.8	193.3	0.00	0.00	0.00
5,800.0	22.36	110.94	5,480.0	-604.7	1,580.4	197.8	0.00	0.00	0.00
5,900.0	22.36	110.94	5,572.5	-618.3	1,615.9	202.2	0.00	0.00	0.00
6,000.0	22.36	110.94	5,665.0	-631.9	1,651.4	206.7	0.00	0.00	0.00
6,100.0	22.36	110.94	5,757.4	-645.5	1,687.0	211.1	0.00	0.00	0.00
6,200.0	22.36	110.94	5,849.9	-659.1	1,722.5	215.5	0.00	0.00	0.00
6,300.0	22.36	110.94	5,942.4	-672.7	1,758.0	220.0	0.00	0.00	0.00
6,400.0	22.36	110.94	6,034.9	-686.2	1,793.5	224.4	0.00	0.00	0.00
6,500.0	22.36	110.94	6,127.4	-699.8	1,829.1	228.9	0.00	0.00	0.00
6,583.8	22.36	110.94	6,204.9	-711.2	1,858.8	232.6	0.00	0.00	0.00
Start DLS 8.00 TFO -109.62									
6,600.0	21.96	107.67	6,219.9	-713.3	1,864.6	233.5	8.00	-2.49	-20.16
6,700.0	21.04	85.87	6,313.1	-717.6	1,900.4	246.2	8.00	-0.91	-21.80
6,800.0	22.93	64.99	6,405.9	-708.1	1,936.0	271.2	8.00	1.89	-20.88
6,900.0	27.04	48.63	6,496.7	-684.8	1,970.8	308.0	8.00	4.11	-16.36
7,000.0	32.53	36.86	6,583.5	-648.2	2,004.0	355.8	8.00	5.49	-11.77
7,100.0	38.82	28.35	6,664.7	-599.0	2,035.1	413.8	8.00	6.29	-8.51
7,200.0	45.58	21.95	6,738.8	-538.2	2,063.3	480.8	8.00	6.76	-6.40
7,300.0	52.61	16.91	6,804.3	-467.0	2,088.3	555.4	8.00	7.04	-5.04
7,400.0	59.83	12.75	6,859.9	-386.7	2,109.4	636.4	8.00	7.22	-4.16
7,500.0	67.16	9.16	6,904.5	-298.9	2,126.3	722.0	8.00	7.33	-3.59
7,600.0	74.56	5.94	6,937.2	-205.3	2,138.7	810.6	8.00	7.40	-3.22
7,700.0	82.00	2.95	6,957.5	-107.8	2,146.2	900.5	8.00	7.44	-2.99
7,800.0	89.47	0.06	6,965.0	-8.2	2,148.8	990.0	8.00	7.46	-2.89
7,810.9	90.28	359.75	6,965.0	2.7	2,148.8	999.6	7.97	7.44	-2.86
Start 4065.1 hold at 7810.9 MD - 7"									
7,900.0	90.28	359.75	6,964.6	91.8	2,148.4	1,078.4	0.00	0.00	0.00
8,000.0	90.28	359.75	6,964.1	191.8	2,148.0	1,166.7	0.00	0.00	0.00
8,100.0	90.28	359.75	6,963.6	291.8	2,147.5	1,255.1	0.00	0.00	0.00
8,200.0	90.28	359.75	6,963.1	391.8	2,147.1	1,343.5	0.00	0.00	0.00
8,300.0	90.28	359.75	6,962.6	491.8	2,146.7	1,431.9	0.00	0.00	0.00
8,400.0	90.28	359.75	6,962.1	591.8	2,146.2	1,520.2	0.00	0.00	0.00
8,500.0	90.28	359.75	6,961.6	691.8	2,145.8	1,608.6	0.00	0.00	0.00
8,600.0	90.28	359.75	6,961.1	791.8	2,145.4	1,697.0	0.00	0.00	0.00
8,700.0	90.28	359.75	6,960.7	891.8	2,144.9	1,785.4	0.00	0.00	0.00
8,800.0	90.28	359.75	6,960.2	991.8	2,144.5	1,873.7	0.00	0.00	0.00
8,900.0	90.28	359.75	6,959.7	1,091.8	2,144.0	1,962.1	0.00	0.00	0.00
9,000.0	90.28	359.75	6,959.2	1,191.8	2,143.6	2,050.5	0.00	0.00	0.00
9,100.0	90.28	359.75	6,958.7	1,291.8	2,143.2	2,138.9	0.00	0.00	0.00
9,200.0	90.28	359.75	6,958.2	1,391.8	2,142.7	2,227.2	0.00	0.00	0.00
9,300.0	90.28	359.75	6,957.7	1,491.8	2,142.3	2,315.6	0.00	0.00	0.00
9,400.0	90.28	359.75	6,957.2	1,591.8	2,141.9	2,404.0	0.00	0.00	0.00
9,500.0	90.28	359.75	6,956.7	1,691.8	2,141.4	2,492.4	0.00	0.00	0.00
9,600.0	90.28	359.75	6,956.3	1,791.8	2,141.0	2,580.7	0.00	0.00	0.00
9,700.0	90.28	359.75	6,955.8	1,891.8	2,140.6	2,669.1	0.00	0.00	0.00
9,800.0	90.28	359.75	6,955.3	1,991.8	2,140.1	2,757.5	0.00	0.00	0.00
9,900.0	90.28	359.75	6,954.8	2,091.8	2,139.7	2,845.9	0.00	0.00	0.00

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Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-06-14)		

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	90.28	359.75	6,954.3	2,191.8	2,139.2	2,934.2	0.00	0.00	0.00	
10,100.0	90.28	359.75	6,953.8	2,291.8	2,138.8	3,022.6	0.00	0.00	0.00	
10,200.0	90.28	359.75	6,953.3	2,391.8	2,138.4	3,111.0	0.00	0.00	0.00	
10,300.0	90.28	359.75	6,952.8	2,491.8	2,137.9	3,199.4	0.00	0.00	0.00	
10,400.0	90.28	359.75	6,952.3	2,591.8	2,137.5	3,287.7	0.00	0.00	0.00	
10,500.0	90.28	359.75	6,951.9	2,691.8	2,137.1	3,376.1	0.00	0.00	0.00	
10,600.0	90.28	359.75	6,951.4	2,791.8	2,136.6	3,464.5	0.00	0.00	0.00	
10,700.0	90.28	359.75	6,950.9	2,891.8	2,136.2	3,552.9	0.00	0.00	0.00	
10,800.0	90.28	359.75	6,950.4	2,991.8	2,135.8	3,641.3	0.00	0.00	0.00	
10,900.0	90.28	359.75	6,949.9	3,091.8	2,135.3	3,729.6	0.00	0.00	0.00	
11,000.0	90.28	359.75	6,949.4	3,191.8	2,134.9	3,818.0	0.00	0.00	0.00	
11,100.0	90.28	359.75	6,948.9	3,291.8	2,134.4	3,906.4	0.00	0.00	0.00	
11,200.0	90.28	359.75	6,948.4	3,391.8	2,134.0	3,994.8	0.00	0.00	0.00	
11,300.0	90.28	359.75	6,947.9	3,491.8	2,133.6	4,083.1	0.00	0.00	0.00	
11,400.0	90.28	359.75	6,947.5	3,591.8	2,133.1	4,171.5	0.00	0.00	0.00	
11,500.0	90.28	359.75	6,947.0	3,691.8	2,132.7	4,259.9	0.00	0.00	0.00	
11,600.0	90.28	359.75	6,946.5	3,791.8	2,132.3	4,348.3	0.00	0.00	0.00	
11,700.0	90.28	359.75	6,946.0	3,891.8	2,131.8	4,436.6	0.00	0.00	0.00	
11,800.0	90.28	359.75	6,945.5	3,991.8	2,131.4	4,525.0	0.00	0.00	0.00	
11,875.9	90.28	359.75	6,945.1	4,067.7	2,131.1	4,592.1	0.00	0.00	0.00	
BHL 470'FNL, 806'FEL										
11,876.0	90.28	359.75	6,945.1	4,067.8	2,131.1	4,592.2	0.00	0.00	0.00	
TD at 11876.0										

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude		
- hit/miss target										
- Shape										
SHL 563'FSL, 2276'F	0.00	0.00	1.0	0.0	0.0	1,408,895.29	3,225,820.23	40.452983		
- plan hits target center										
- Point										
BHL 470'FNL, 806'FE	0.00	0.00	6,945.0	4,067.7	2,131.2	1,412,982.14	3,227,914.02	40.464148		
- plan misses target center by 0.2ft at 11875.9ft MD (6945.1 TVD, 4067.7 N, 2131.1 E)										
- Point										

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name			Casing Diameter (")	Hole Diameter (")
7,810.9	6,965.0	7"			7	7-1/2

Database:	Landmark	Local Co-ordinate Reference:	Well Matrix Q-29HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Project:	SEC.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site:	Matrix 29- Pad Sec.29-T6N-R65W	North Reference:	True
Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-06-14)		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
800.0	800.0	0.0	0.0	KOP - Start Build 2.00
6,583.8	6,204.9	-711.2	1,858.8	Start DLS 8.00 TFO -109.62
7,810.9	6,965.0	2.7	2,148.8	Start 4065.1 hold at 7810.9 MD
11,876.0	6,945.1	4,067.8	2,131.1	TD at 11876.0



Bayswater Exploration & Production, LLC

SEC.29-T6N-R65W

Matrix 29- Pad Sec.29-T6N-R65W

Matrix Q-29HN

Wellbore #1

Plan #1 (11-06-14)

Anticollision Report

06 November, 2014



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (11-06-14)		
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 11/6/2014			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	11,876.0	Plan #1 (11-06-14) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Separation Factor	Warning
Hungenberg 42-29P Pad Sec.29-T6N-R65W						
Hungenberg 43-29 (Exist) - Wellbore #1 - Wellbore #1	8,983.3	6,937.8	155.0	-18.3	0.894	Level 1, CC, ES, SF
Hungenberg 22-29 - Wellbore #1 - Wellbore #1						Out of range
Hungenberg 32-29 - Wellbore #1 - Wellbore #1						Out of range
Hungenberg 33-29 - Wellbore #1 - Wellbore #1						Out of range
Hungenberg 42-29 - Wellbore #1 - Wellbore #1	10,544.4	7,079.4	142.9	57.4	1.671	CC, ES, SF
Hungenberg 42-29P - Wellbore #1 - Wellbore #1						Out of range
Matrix 29- Pad Sec.29-T6N-R65W						
Matrix G-29HN - Wellbore #1 - Plan #1 (10-01-14)	1,127.5	1,127.8	23.6	18.8	4.910	CC, ES, SF
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	166.3	167.3	45.0	44.5	85.658	CC
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	200.0	201.0	45.0	44.3	66.496	ES
Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,200.0	1,197.4	73.8	68.6	14.336	SF
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,263.5	1,261.4	47.1	41.6	8.637	CC, ES
Matrix I-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,300.0	1,297.5	47.5	41.9	8.430	SF
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	800.0	801.0	104.9	101.5	31.083	CC, ES
Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,200.0	1,199.7	124.1	119.0	24.373	SF
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	800.0	801.0	90.0	86.6	26.663	CC, ES
Matrix K-29HN - Wellbore #1 - Plan #1 (10-02-14)	1,200.0	1,199.7	109.5	104.4	21.506	SF
Matrix L-29HN - Wellbore #1 - Plan #1 (11-06-14)	800.0	801.0	74.8	71.4	22.174	CC, ES
Matrix L-29HN - Wellbore #1 - Plan #1 (11-06-14)	1,100.0	1,100.5	85.4	80.8	18.362	SF
Matrix M-29HN - Wellbore #1 - Plan #1 (10-08-14)	800.0	801.0	59.9	56.5	17.751	CC, ES
Matrix M-29HN - Wellbore #1 - Plan #1 (10-08-14)	1,100.0	1,100.5	70.7	66.1	15.200	SF
Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)	800.0	801.0	45.0	41.6	13.331	CC, ES
Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)	1,000.0	1,000.8	49.6	45.4	11.745	SF
Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)	800.0	800.0	29.8	26.5	8.847	CC, ES
Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)	11,876.0	11,716.1	664.8	496.1	3.942	SF
Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)	800.0	800.0	14.9	11.5	4.421	CC, ES
Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)	11,876.0	11,741.7	337.7	169.4	2.007	SF
Matrix R-29HN - Wellbore #1 - Plan #1 (10-08-14)	600.0	600.0	15.2	12.7	6.130	CC, ES
Matrix R-29HN - Wellbore #1 - Plan #1 (10-08-14)	11,876.0	12,085.2	331.4	162.8	1.965	SF
Matrix S-29HC - Wellbore #1 - Plan #1 (10-08-14)	600.0	600.0	135.4	132.9	54.768	CC, ES
Matrix S-29HC - Wellbore #1 - Plan #1 (10-08-14)	11,876.0	12,152.4	530.8	375.2	3.412	SF
Matrix T-29HN - Wellbore #1 - Plan #1 (10-02-14)	200.0	200.0	140.2	139.5	207.926	CC, ES
Matrix T-29HN - Wellbore #1 - Plan #1 (10-02-14)	11,876.0	12,126.2	662.4	492.7	3.904	SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Moro Farms 31-29 Pad Sec.29-T6N-R65W						
Moro Farms 31-29 - Wellbore #1 - Wellbore #1						Out of range
Moro Farms 41-29 - Wellbore #1 - Wellbore #1	11,812.5	6,949.9	4.3	-93.2	0.044	Level 1, CC, ES, SF
Moro Farms CNE-29 - Wellbore #1 - Wellbore #1						Out of range
Moro Farms CSE-29 Pad Sec.29-T6N-R65W						
Moro Farms 44-29 (Vert.) - Wellbore #1 - Moro Farms 44	7,677.8	6,928.6	52.2	14.1	1.371	Level 3, CC, ES, SF

Offset Design		Hungenberg 42-29P Pad Sec.29-T6N-R65W - Hugenberg 43-29 (Exist) - Wellbore #1 - Wellbore #1										Offset Site Error:		0.0 ft		
Survey Program: 7237-Reference		Offset		Semi Major Axis		Distance							Offset Well Error:		0.0 ft	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning			
8,200.0	6,963.1	6,941.6	6,941.6	45.9	138.8	91.41	1,175.8	2,298.7	798.5	634.3	164.16	4.864				
8,300.0	6,962.6	6,941.1	6,941.1	46.0	138.8	91.23	1,175.8	2,298.7	700.6	535.6	165.02	4.246				
8,400.0	6,962.1	6,940.6	6,940.6	46.1	138.8	91.05	1,175.8	2,298.7	603.5	437.5	165.99	3.636				
8,500.0	6,961.6	6,940.1	6,940.1	46.3	138.8	90.87	1,175.8	2,298.7	507.5	340.5	167.06	3.038				
8,600.0	6,961.1	6,939.6	6,939.6	46.6	138.8	90.69	1,175.8	2,298.7	413.4	245.2	168.22	2.458				
8,700.0	6,960.7	6,939.2	6,939.2	46.9	138.8	90.51	1,175.8	2,298.7	322.9	153.4	169.46	1.906				
8,800.0	6,960.2	6,938.7	6,938.7	47.4	138.8	90.33	1,175.8	2,298.7	240.0	69.3	170.76	1.406	Level 3			
8,900.0	6,959.7	6,938.2	6,938.2	47.9	138.8	90.15	1,175.8	2,298.7	175.9	3.8	172.12	1.022	Level 2			
8,983.3	6,959.3	6,937.8	6,937.8	48.4	138.8	90.00	1,175.8	2,298.7	155.0	-18.3	173.30	0.894	Level 1, CC, ES, SF			
9,000.0	6,959.2	6,937.7	6,937.7	48.5	138.8	89.97	1,175.8	2,298.7	155.9	-17.6	173.54	0.898	Level 1			
9,100.0	6,958.7	6,937.2	6,937.2	49.2	138.7	89.79	1,175.8	2,298.7	194.0	19.0	175.00	1.109	Level 2			
9,200.0	6,958.2	6,936.7	6,936.7	49.9	138.7	89.61	1,175.8	2,298.7	266.4	89.9	176.51	1.510				
9,300.0	6,957.7	6,936.2	6,936.2	50.8	138.7	89.43	1,175.8	2,298.7	352.6	174.6	178.05	1.980				
9,400.0	6,957.2	6,935.7	6,935.7	51.8	138.7	89.25	1,175.8	2,298.7	444.6	265.0	179.62	2.475				
9,500.0	6,956.7	6,935.2	6,935.2	52.8	138.7	89.07	1,175.8	2,298.7	539.5	358.2	181.21	2.977				
9,600.0	6,956.3	6,934.8	6,934.8	53.9	138.7	88.89	1,175.8	2,298.7	635.9	453.1	182.84	3.478				
9,700.0	6,955.8	6,934.3	6,934.3	55.1	138.7	88.71	1,175.8	2,298.7	733.3	548.8	184.48	3.975				

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Hungenberg 42-29P Pad Sec.29-T6N-R65W - Hungenberg 42-29 - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 14-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
9,800.0	6,955.3	7,082.9	6,934.3	56.4	25.5	91.68	2,736.9	2,279.8	758.1	685.6	72.43	10.466	
9,900.0	6,954.8	7,082.4	6,933.9	57.7	25.5	91.49	2,736.9	2,279.8	660.1	586.0	74.15	8.903	
10,000.0	6,954.3	7,082.0	6,933.4	59.0	25.5	91.30	2,736.9	2,279.8	562.9	487.0	75.88	7.419	
10,100.0	6,953.8	7,081.5	6,932.9	60.4	25.5	91.11	2,736.9	2,279.8	466.9	389.3	77.62	6.015	
10,200.0	6,953.3	7,081.0	6,932.4	61.8	25.5	90.92	2,736.9	2,279.8	372.9	293.6	79.38	4.698	
10,300.0	6,952.8	7,080.6	6,932.0	63.3	25.5	90.73	2,736.9	2,279.8	283.2	202.0	81.15	3.490	
10,400.0	6,952.3	7,080.1	6,931.5	64.8	25.5	90.55	2,736.9	2,279.8	203.2	120.3	82.93	2.450	
10,500.0	6,951.9	7,079.6	6,931.0	66.3	25.5	90.36	2,736.9	2,279.8	149.7	65.0	84.72	1.767	
10,544.4	6,951.6	7,079.4	6,930.8	67.0	25.5	90.27	2,736.9	2,279.8	142.9	57.4	85.52	1.671 CC, ES, SF	
10,600.0	6,951.4	7,079.1	6,930.6	67.9	25.5	90.17	2,736.9	2,279.8	153.3	66.8	86.52	1.772	
10,700.0	6,950.9	7,078.7	6,930.1	69.5	25.5	89.98	2,736.9	2,279.8	211.2	122.9	88.33	2.391	
10,800.0	6,950.4	7,078.2	6,929.6	71.1	25.5	89.79	2,736.9	2,279.8	292.8	202.6	90.14	3.248	
10,900.0	6,949.9	7,077.7	6,929.2	72.7	25.5	89.60	2,736.9	2,279.8	383.2	291.2	91.96	4.167	
11,000.0	6,949.4	7,077.3	6,928.7	74.3	25.5	89.42	2,736.9	2,279.8	477.4	383.6	93.79	5.090	
11,100.0	6,948.9	7,076.8	6,928.2	76.0	25.5	89.23	2,736.9	2,279.8	573.6	478.0	95.62	5.999	
11,200.0	6,948.4	7,076.3	6,927.7	77.7	25.5	89.04	2,736.9	2,279.8	670.9	573.5	97.46	6.884	
11,300.0	6,947.9	7,075.9	6,927.3	79.4	25.5	88.85	2,736.9	2,279.8	768.9	669.6	99.30	7.744	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	1.0	1.0	0.0	0.0	59.38	15.3	25.9	30.1	30.1	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	59.38	15.3	25.9	30.1	29.8	0.23	132.482		
200.0	200.0	201.0	201.0	0.3	0.3	59.38	15.3	25.9	30.1	29.4	0.68	44.454		
300.0	300.0	301.0	301.0	0.6	0.6	59.38	15.3	25.9	30.1	28.9	1.13	26.708		
400.0	400.0	401.0	401.0	0.8	0.8	59.38	15.3	25.9	30.1	28.5	1.58	19.088		
500.0	500.0	501.0	501.0	1.0	1.0	59.38	15.3	25.9	30.1	28.1	2.03	14.851		
600.0	600.0	601.0	601.0	1.2	1.2	59.38	15.3	25.9	30.1	27.6	2.47	12.153		
700.0	700.0	701.0	701.0	1.5	1.5	59.38	15.3	25.9	30.1	27.2	2.92	10.285		
800.0	800.0	801.0	801.0	1.7	1.7	59.38	15.3	25.9	30.1	26.7	3.37	8.914		
900.0	900.0	901.0	901.0	1.9	1.9	-54.27	15.3	25.9	29.0	25.2	3.80	7.628		
1,000.0	999.8	1,000.8	1,000.8	2.1	2.1	-63.60	15.3	25.9	26.3	22.1	4.23	6.225		
1,100.0	1,099.5	1,100.5	1,100.5	2.3	2.4	-82.77	15.3	25.9	23.7	19.1	4.67	5.086		
1,127.5	1,126.8	1,127.8	1,127.8	2.4	2.4	-90.00	15.3	25.9	23.6	18.8	4.80	4.910 CC, ES, SF		
1,200.0	1,198.7	1,199.7	1,199.7	2.6	2.6	-111.10	15.3	25.9	25.3	20.2	5.13	4.932		
1,300.0	1,297.5	1,298.5	1,298.5	2.8	2.8	-136.06	15.3	25.9	34.2	28.7	5.55	6.161		
1,400.0	1,395.6	1,396.6	1,396.6	3.2	3.0	-151.25	15.3	25.9	49.8	43.9	5.96	8.358		
1,500.0	1,493.1	1,494.1	1,494.1	3.5	3.2	-159.92	15.3	25.9	70.5	64.1	6.37	11.065		
1,600.0	1,589.6	1,590.6	1,590.6	4.0	3.5	-165.13	15.3	25.9	95.2	88.5	6.77	14.058		
1,700.0	1,685.3	1,686.3	1,686.3	4.5	3.7	-168.48	15.3	25.9	123.8	116.6	7.18	17.229		
1,800.0	1,779.8	1,780.8	1,780.8	5.1	3.9	-170.76	15.3	25.9	155.9	148.3	7.59	20.522		
1,900.0	1,873.2	1,874.2	1,874.2	5.8	4.1	-172.38	15.3	25.9	191.4	183.4	8.01	23.900		
1,917.9	1,889.8	1,890.8	1,890.8	5.9	4.1	-172.62	15.3	25.9	198.1	190.0	8.08	24.513		
2,000.0	1,965.7	1,966.7	1,966.7	6.5	4.3	-173.62	15.3	25.9	229.1	220.6	8.48	27.031		
2,100.0	2,058.2	2,059.2	2,059.2	7.2	4.5	-174.53	15.3	25.9	267.0	258.0	8.97	29.777		
2,200.0	2,150.6	2,151.6	2,151.6	8.0	4.7	-175.21	15.3	25.9	304.9	295.4	9.46	32.218		
2,300.0	2,243.1	2,244.1	2,244.1	8.8	4.9	-175.74	15.3	25.9	342.8	332.9	9.97	34.397		
2,400.0	2,335.6	2,336.6	2,336.6	9.6	5.1	-176.17	15.3	25.9	380.8	370.3	10.48	36.351		
2,500.0	2,428.1	2,429.1	2,429.1	10.3	5.3	-176.51	15.3	25.9	418.8	407.8	10.99	38.111		
2,600.0	2,520.6	2,520.3	2,520.3	11.1	5.5	-176.81	15.3	25.8	456.8	445.3	11.50	39.730		
2,700.0	2,613.0	2,606.9	2,606.9	11.9	5.7	-177.26	13.9	24.4	495.6	483.6	11.98	41.357		
2,800.0	2,705.5	2,692.3	2,692.2	12.7	5.9	-177.93	10.9	21.2	535.5	523.0	12.45	43.001		
2,900.0	2,798.0	2,776.5	2,776.1	13.5	6.0	-178.74	6.1	16.2	576.5	563.6	12.93	44.603		
3,000.0	2,890.5	2,859.4	2,858.4	14.3	6.2	-179.67	-0.2	9.6	618.8	605.4	13.41	46.154		
3,100.0	2,983.0	2,940.8	2,939.0	15.2	6.4	179.32	-8.1	1.4	662.4	648.5	13.90	47.649		
3,200.0	3,075.5	3,020.6	3,017.8	16.0	6.5	178.26	-17.3	-8.2	707.3	692.9	14.41	49.081		
3,300.0	3,167.9	3,100.0	3,095.6	16.8	6.7	177.16	-27.9	-19.4	753.6	738.6	14.94	50.435		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Matrix 29- Pad Sec.29-T6N-R65W - Matrix H-29HN - Wellbore #1 - Plan #1 (10-08-14)													Offset Well Error:	0.0 ft
Survey Program: 0-MWD														
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	1.0	1.0	0.0	0.0	59.31	23.0	38.7	45.0	45.0	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	59.31	23.0	38.7	45.0	44.8	0.23	198.168		
166.3	166.3	167.3	167.3	0.3	0.3	59.31	23.0	38.7	45.0	44.5	0.53	85.658 CC		
200.0	200.0	201.0	201.0	0.3	0.3	59.31	23.0	38.7	45.0	44.3	0.68	66.496 ES		
300.0	300.0	300.2	300.1	0.6	0.6	57.43	24.7	38.7	45.9	44.8	1.12	40.814		
400.0	400.0	399.9	399.8	0.8	0.8	53.27	28.9	38.7	48.3	46.7	1.58	30.595		
500.0	500.0	499.8	499.6	1.0	1.0	49.45	33.1	38.7	50.9	48.9	2.03	25.061		
600.0	600.0	599.7	599.4	1.2	1.3	46.02	37.3	38.7	53.8	51.3	2.49	21.612		
700.0	700.0	699.6	699.2	1.5	1.5	42.94	41.6	38.7	56.8	53.9	2.95	19.281		
800.0	800.0	799.5	799.1	1.7	1.7	40.18	45.8	38.7	60.0	56.6	3.41	17.616		
900.0	900.0	899.4	898.8	1.9	2.0	-74.70	50.0	38.7	62.8	59.0	3.83	16.409		
1,000.0	999.8	999.1	998.4	2.1	2.2	-81.27	54.3	38.7	65.3	61.0	4.25	15.362		
1,100.0	1,099.5	1,098.5	1,097.7	2.3	2.4	-90.15	58.5	38.7	68.5	63.8	4.69	14.612		
1,200.0	1,198.7	1,197.4	1,196.6	2.6	2.7	-100.63	62.7	38.7	73.8	68.6	5.15	14.336 SF		
1,300.0	1,297.5	1,295.9	1,295.0	2.8	2.9	-111.60	66.8	38.7	82.5	76.9	5.63	14.662		
1,400.0	1,395.6	1,394.1	1,393.1	3.2	3.1	-121.96	71.0	38.7	95.5	89.4	6.11	15.626		
1,500.0	1,493.1	1,494.9	1,493.8	3.5	3.3	-131.59	73.0	38.7	111.1	104.6	6.54	16.996		
1,600.0	1,589.6	1,591.7	1,590.6	4.0	3.5	-139.80	73.0	38.7	130.0	123.0	6.97	18.662		
1,700.0	1,685.3	1,687.3	1,686.3	4.5	3.7	-146.49	73.0	38.7	153.8	146.4	7.40	20.776		
1,800.0	1,779.8	1,781.8	1,780.8	5.1	3.9	-151.80	73.0	38.7	182.2	174.4	7.83	23.272		
1,900.0	1,873.2	1,875.2	1,874.2	5.8	4.1	-156.00	73.0	38.7	214.8	206.6	8.25	26.049		
1,917.9	1,889.8	1,891.8	1,890.8	5.9	4.1	-156.65	73.0	38.7	221.1	212.8	8.32	26.571		
2,000.0	1,965.7	1,967.7	1,966.7	6.5	4.3	-159.46	73.0	38.7	250.3	241.6	8.70	28.766		
2,100.0	2,058.2	2,060.2	2,059.2	7.2	4.5	-162.11	73.0	38.7	286.5	277.4	9.18	31.230		
2,200.0	2,150.6	2,152.7	2,151.6	8.0	4.7	-164.17	73.0	38.7	323.2	313.5	9.66	33.472		
2,300.0	2,243.1	2,245.1	2,244.1	8.8	4.9	-165.81	73.0	38.7	360.1	350.0	10.14	35.506		
2,400.0	2,335.6	2,337.6	2,336.6	9.6	5.1	-167.15	73.0	38.7	397.2	386.6	10.63	37.353		
2,500.0	2,428.1	2,430.1	2,429.1	10.3	5.3	-168.27	73.0	38.7	434.5	423.4	11.13	39.033		
2,600.0	2,520.6	2,522.6	2,521.6	11.1	5.5	-169.20	73.0	38.7	471.9	460.3	11.63	40.563		
2,700.0	2,613.0	2,615.1	2,614.0	11.9	5.7	-170.00	73.0	38.7	509.5	497.3	12.14	41.961		
2,800.0	2,705.5	2,707.6	2,706.5	12.7	5.9	-170.69	73.0	38.7	547.0	534.4	12.65	43.240		
2,900.0	2,798.0	2,800.0	2,799.0	13.5	6.1	-171.30	73.0	38.7	584.7	571.5	13.16	44.414		
3,000.0	2,890.5	2,892.5	2,891.5	14.3	6.3	-171.82	73.0	38.7	622.4	608.7	13.68	45.494		
3,100.0	2,983.0	2,985.0	2,984.0	15.2	6.5	-172.29	73.0	38.7	660.1	645.9	14.20	46.491		
3,200.0	3,075.5	3,080.6	3,079.5	16.0	6.7	-172.83	71.9	38.3	697.7	683.0	14.68	47.524		
3,300.0	3,167.9	3,176.6	3,175.4	16.8	6.9	-173.57	67.8	36.9	734.9	719.7	15.15	48.520		
3,400.0	3,260.4	3,272.3	3,270.8	17.6	7.0	-174.49	60.6	34.5	771.7	756.1	15.60	49.459		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	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	59.40	30.6	51.8	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	59.40	30.6	51.8	60.1	59.9	0.22	267.558		
200.0	200.0	200.0	200.0	0.3	0.3	59.40	30.6	51.8	60.1	59.5	0.67	89.186		
300.0	300.0	300.0	300.0	0.6	0.6	59.40	30.6	51.8	60.1	59.0	1.12	53.512		
400.0	400.0	400.0	400.0	0.8	0.8	59.40	30.6	51.8	60.1	58.6	1.57	38.223		
500.0	500.0	500.0	500.0	1.0	1.0	59.40	30.6	51.8	60.1	58.1	2.02	29.729		
600.0	600.0	600.0	600.0	1.2	1.2	59.40	30.6	51.8	60.1	57.7	2.47	24.323		
700.0	700.0	700.0	700.0	1.5	1.5	59.40	30.6	51.8	60.1	57.2	2.92	20.581		
800.0	800.0	800.0	800.0	1.7	1.7	59.40	30.6	51.8	60.1	56.8	3.37	17.837		
900.0	900.0	900.0	900.0	1.9	1.9	-52.88	30.6	51.8	59.1	55.3	3.80	15.534		
1,000.0	999.8	999.8	999.8	2.1	2.1	-57.19	30.6	51.8	56.1	51.8	4.22	13.275		
1,100.0	1,099.5	1,099.5	1,099.5	2.3	2.4	-65.36	30.6	51.8	51.9	47.2	4.66	11.125		
1,200.0	1,198.7	1,198.7	1,198.7	2.6	2.6	-78.67	30.6	51.8	48.0	42.9	5.13	9.364		
1,263.5	1,261.4	1,261.4	1,261.4	2.7	2.7	-90.00	30.6	51.8	47.1	41.6	5.45	8.637 CC, ES		
1,300.0	1,297.5	1,297.5	1,297.5	2.8	2.8	-97.29	30.6	51.8	47.5	41.9	5.63	8.430 SF		
1,400.0	1,395.6	1,395.6	1,395.6	3.2	3.0	-117.63	30.6	51.8	53.4	47.3	6.12	8.727		
1,500.0	1,493.1	1,493.1	1,493.1	3.5	3.2	-134.50	30.6	51.8	67.0	60.5	6.55	10.229		
1,600.0	1,589.6	1,589.6	1,589.6	4.0	3.5	-146.34	30.6	51.8	87.3	80.4	6.95	12.567		
1,700.0	1,685.3	1,685.3	1,685.3	4.5	3.7	-154.28	30.6	51.8	113.1	105.7	7.34	15.401		
1,800.0	1,779.8	1,779.8	1,779.8	5.1	3.9	-159.69	30.6	51.8	143.3	135.6	7.74	18.525		
1,900.0	1,873.2	1,873.2	1,873.2	5.8	4.1	-163.48	30.6	51.8	177.6	169.4	8.13	21.828		
1,917.9	1,889.8	1,889.8	1,889.8	5.9	4.1	-164.03	30.6	51.8	184.1	175.9	8.21	22.434		
2,000.0	1,965.7	1,965.7	1,965.7	6.5	4.3	-166.32	30.6	51.8	214.4	205.8	8.59	24.971		
2,100.0	2,058.2	2,058.2	2,058.2	7.2	4.5	-168.36	30.6	51.8	251.7	242.6	9.06	27.768		
2,200.0	2,150.6	2,150.6	2,150.6	8.0	4.7	-169.88	30.6	51.8	289.1	279.6	9.55	30.276		
2,300.0	2,243.1	2,243.1	2,243.1	8.8	4.9	-171.05	30.6	51.8	326.7	316.7	10.04	32.528		
2,400.0	2,335.6	2,335.6	2,335.6	9.6	5.1	-171.98	30.6	51.8	364.4	353.9	10.55	34.556		
2,500.0	2,428.1	2,428.1	2,428.1	10.3	5.3	-172.73	30.6	51.8	402.1	391.1	11.05	36.389		
2,600.0	2,520.6	2,520.6	2,520.6	11.1	5.6	-173.36	30.6	51.8	439.9	428.4	11.56	38.051		
2,700.0	2,613.0	2,613.0	2,613.0	11.9	5.8	-173.89	30.6	51.8	477.8	465.7	12.08	39.563		
2,800.0	2,705.5	2,705.9	2,705.9	12.7	6.0	-174.34	30.6	51.8	515.7	503.1	12.59	40.946		
2,900.0	2,798.0	2,805.4	2,805.4	13.5	6.2	-174.96	28.7	51.6	552.9	539.8	13.09	42.230		
3,000.0	2,890.5	2,905.4	2,905.2	14.3	6.3	-175.83	23.3	51.2	589.0	575.5	13.56	43.426		
3,100.0	2,983.0	3,005.7	3,005.2	15.2	6.5	-176.92	14.4	50.5	624.2	610.1	14.04	44.449		
3,200.0	3,075.5	3,106.1	3,104.8	16.0	6.7	-178.19	2.0	49.5	658.4	643.9	14.54	45.295		
3,300.0	3,167.9	3,206.4	3,203.7	16.8	6.9	-179.62	-13.9	48.3	692.0	676.9	15.06	45.957		
3,400.0	3,260.4	3,300.2	3,296.1	17.6	7.1	179.00	-30.8	47.0	725.2	709.6	15.60	46.490		
3,500.0	3,352.9	3,393.2	3,387.5	18.4	7.3	177.75	-47.5	45.7	758.8	742.7	16.17	46.924		
3,600.0	3,445.4	3,486.1	3,478.8	19.2	7.5	176.61	-64.2	44.4	792.7	776.0	16.77	47.277		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design		Matrix 29- Pad Sec.29-T6N-R65W - Matrix J-29HN - Wellbore #1 - Plan #1 (10-02-14)											Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	1.0	1.0	0.0	0.0	-120.70	-53.5	-90.2	104.9	104.9	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-120.70	-53.5	-90.2	104.9	104.6	0.23	461.940		
200.0	200.0	201.0	201.0	0.3	0.3	-120.70	-53.5	-90.2	104.9	104.2	0.68	155.003		
300.0	300.0	301.0	301.0	0.6	0.6	-120.70	-53.5	-90.2	104.9	103.7	1.13	93.126		
400.0	400.0	401.0	401.0	0.8	0.8	-120.70	-53.5	-90.2	104.9	103.3	1.58	66.556		
500.0	500.0	501.0	501.0	1.0	1.0	-120.70	-53.5	-90.2	104.9	102.8	2.03	51.782		
600.0	600.0	601.0	601.0	1.2	1.2	-120.70	-53.5	-90.2	104.9	102.4	2.47	42.376		
700.0	700.0	701.0	701.0	1.5	1.5	-120.70	-53.5	-90.2	104.9	101.9	2.92	35.862		
800.0	800.0	801.0	801.0	1.7	1.7	-120.70	-53.5	-90.2	104.9	101.5	3.37	31.083 CC, ES		
900.0	900.0	901.0	901.0	1.9	1.9	129.09	-53.5	-90.2	106.0	102.2	3.80	27.849		
1,000.0	999.8	1,000.8	1,000.8	2.1	2.1	131.16	-53.5	-90.2	109.3	105.1	4.22	25.882		
1,100.0	1,099.5	1,100.5	1,100.5	2.3	2.4	134.33	-53.5	-90.2	115.3	110.6	4.65	24.769		
1,200.0	1,198.7	1,199.7	1,199.7	2.6	2.6	138.23	-53.5	-90.2	124.1	119.0	5.09	24.373 SF		
1,300.0	1,297.5	1,298.5	1,298.5	2.8	2.8	142.45	-53.5	-90.2	136.2	130.7	5.54	24.598		
1,400.0	1,395.6	1,396.6	1,396.6	3.2	3.0	146.64	-53.5	-90.2	151.9	145.9	5.99	25.365		
1,500.0	1,493.1	1,494.1	1,494.1	3.5	3.2	150.57	-53.5	-90.2	171.2	164.8	6.44	26.600		
1,600.0	1,589.6	1,590.6	1,590.6	4.0	3.5	154.09	-53.5	-90.2	194.3	187.4	6.88	28.229		
1,700.0	1,685.3	1,686.3	1,686.3	4.5	3.7	157.16	-53.5	-90.2	221.2	213.8	7.33	30.184		
1,800.0	1,779.8	1,780.8	1,780.8	5.1	3.9	159.80	-53.5	-90.2	251.7	243.9	7.77	32.406		
1,900.0	1,873.2	1,874.2	1,874.2	5.8	4.1	162.05	-53.5	-90.2	285.8	277.6	8.20	34.842		
1,917.9	1,889.8	1,890.8	1,890.8	5.9	4.1	162.41	-53.5	-90.2	292.3	284.0	8.28	35.298		
2,000.0	1,965.7	1,966.7	1,966.7	6.5	4.3	164.08	-53.5	-90.2	322.3	313.7	8.68	37.128		
2,100.0	2,058.2	2,059.2	2,059.2	7.2	4.5	165.74	-53.5	-90.2	359.3	350.1	9.18	39.149		
2,200.0	2,150.6	2,151.6	2,151.6	8.0	4.7	167.09	-53.5	-90.2	396.4	386.7	9.68	40.966		
2,300.0	2,243.1	2,244.1	2,244.1	8.8	4.9	168.21	-53.5	-90.2	433.7	423.5	10.18	42.602		
2,400.0	2,335.6	2,336.6	2,336.6	9.6	5.1	169.15	-53.5	-90.2	471.1	460.4	10.69	44.081		
2,500.0	2,428.1	2,429.1	2,429.1	10.3	5.3	169.95	-53.5	-90.2	508.6	497.4	11.20	45.420		
2,600.0	2,520.6	2,524.7	2,524.7	11.1	5.6	170.66	-53.6	-90.1	546.1	534.4	11.71	46.633		
2,700.0	2,613.0	2,631.9	2,631.9	11.9	5.8	171.13	-56.2	-88.7	582.0	569.8	12.22	47.612		
2,800.0	2,705.5	2,741.4	2,741.1	12.7	6.0	171.24	-62.4	-85.2	615.6	602.9	12.74	48.312		
2,900.0	2,798.0	2,852.8	2,851.9	13.5	6.2	171.04	-72.5	-79.6	646.8	633.5	13.29	48.663		
3,000.0	2,890.5	2,965.7	2,963.7	14.3	6.4	170.57	-86.5	-71.8	675.5	661.6	13.87	48.685		
3,100.0	2,983.0	3,063.8	3,060.4	15.2	6.6	170.04	-100.8	-63.9	702.7	688.2	14.46	48.591		
3,200.0	3,075.5	3,159.8	3,155.1	16.0	6.8	169.57	-114.7	-56.1	729.9	714.9	15.06	48.470		
3,300.0	3,167.9	3,255.9	3,249.8	16.8	7.1	169.13	-128.7	-48.3	757.2	741.6	15.67	48.315		
3,400.0	3,260.4	3,351.9	3,344.5	17.6	7.3	168.71	-142.6	-40.5	784.6	768.3	16.30	48.132		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	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	1.0	1.0	0.0	0.0	-120.67	-45.9	-77.4	90.0	90.0	0.00	N/A				
100.0	100.0	101.0	101.0	0.1	0.1	-120.67	-45.9	-77.4	90.0	89.7	0.23	396.245				
200.0	200.0	201.0	201.0	0.3	0.3	-120.67	-45.9	-77.4	90.0	89.3	0.68	132.959				
300.0	300.0	301.0	301.0	0.6	0.6	-120.67	-45.9	-77.4	90.0	88.8	1.13	79.882				
400.0	400.0	401.0	401.0	0.8	0.8	-120.67	-45.9	-77.4	90.0	88.4	1.58	57.091				
500.0	500.0	501.0	501.0	1.0	1.0	-120.67	-45.9	-77.4	90.0	87.9	2.03	44.418				
600.0	600.0	601.0	601.0	1.2	1.2	-120.67	-45.9	-77.4	90.0	87.5	2.47	36.349				
700.0	700.0	701.0	701.0	1.5	1.5	-120.67	-45.9	-77.4	90.0	87.0	2.92	30.762				
800.0	800.0	801.0	801.0	1.7	1.7	-120.67	-45.9	-77.4	90.0	86.6	3.37	26.663	CC, ES			
900.0	900.0	901.0	901.0	1.9	1.9	129.23	-45.9	-77.4	91.0	87.2	3.80	23.929				
1,000.0	999.8	1,000.8	1,000.8	2.1	2.1	131.64	-45.9	-77.4	94.4	90.2	4.22	22.358				
1,100.0	1,099.5	1,100.5	1,100.5	2.3	2.4	135.27	-45.9	-77.4	100.5	95.8	4.65	21.589				
1,200.0	1,198.7	1,199.7	1,199.7	2.6	2.6	139.63	-45.9	-77.4	109.5	104.4	5.09	21.506	SF			
1,300.0	1,297.5	1,298.5	1,298.5	2.8	2.8	144.23	-45.9	-77.4	121.9	116.3	5.53	22.022				
1,400.0	1,395.6	1,396.6	1,396.6	3.2	3.0	148.68	-45.9	-77.4	137.9	131.9	5.98	23.062				
1,500.0	1,493.1	1,494.1	1,494.1	3.5	3.2	152.73	-45.9	-77.4	157.6	151.2	6.42	24.545				
1,600.0	1,589.6	1,590.6	1,590.6	4.0	3.5	156.27	-45.9	-77.4	181.1	174.3	6.86	26.399				
1,700.0	1,685.3	1,686.3	1,686.3	4.5	3.7	159.29	-45.9	-77.4	208.4	201.1	7.30	28.553				
1,800.0	1,779.8	1,780.8	1,780.8	5.1	3.9	161.83	-45.9	-77.4	239.3	231.5	7.73	30.950				
1,900.0	1,873.2	1,874.2	1,874.2	5.8	4.1	163.96	-45.9	-77.4	273.7	265.5	8.16	33.541				
1,917.9	1,889.8	1,890.8	1,890.8	5.9	4.1	164.30	-45.9	-77.4	280.2	272.0	8.24	34.023				
2,000.0	1,965.7	1,966.7	1,966.7	6.5	4.3	165.85	-45.9	-77.4	310.6	301.9	8.64	35.957				
2,100.0	2,058.2	2,065.5	2,065.5	7.2	4.5	167.39	-46.4	-76.8	347.2	338.0	9.13	38.043				
2,200.0	2,150.6	2,170.0	2,169.9	8.0	4.7	168.36	-49.5	-73.9	381.4	371.8	9.61	39.683				
2,300.0	2,243.1	2,276.9	2,276.5	8.8	4.9	168.85	-55.5	-68.1	412.8	402.7	10.11	40.820				
2,400.0	2,335.6	2,386.0	2,384.8	9.6	5.1	168.94	-64.6	-59.4	441.4	430.7	10.65	41.455				
2,500.0	2,428.1	2,497.0	2,494.5	10.3	5.4	168.71	-76.8	-47.5	466.9	455.7	11.22	41.628				
2,600.0	2,520.6	2,594.3	2,590.4	11.1	5.6	168.39	-89.0	-35.8	490.9	479.1	11.79	41.639				
2,700.0	2,613.0	2,691.4	2,686.0	11.9	5.9	168.10	-101.1	-24.1	514.8	502.5	12.38	41.591				
2,800.0	2,705.5	2,788.5	2,781.5	12.7	6.2	167.84	-113.3	-12.4	538.8	525.8	12.98	41.514				
2,900.0	2,798.0	2,885.5	2,877.1	13.5	6.4	167.60	-125.4	-0.8	562.8	549.2	13.59	41.399				
3,000.0	2,890.5	2,982.6	2,972.7	14.3	6.7	167.37	-137.5	10.9	586.8	572.6	14.22	41.268				
3,100.0	2,983.0	3,079.6	3,068.3	15.2	7.0	167.17	-149.6	22.6	610.8	595.9	14.85	41.122				
3,200.0	3,075.5	3,176.7	3,163.9	16.0	7.4	166.98	-161.7	34.3	634.8	619.3	15.50	40.966				
3,300.0	3,167.9	3,273.7	3,259.5	16.8	7.7	166.81	-173.9	46.0	658.8	642.7	16.15	40.804				
3,400.0	3,260.4	3,370.8	3,355.0	17.6	8.0	166.65	-186.0	57.7	682.8	666.0	16.80	40.639				
3,500.0	3,352.9	3,467.8	3,450.6	18.4	8.3	166.49	-198.1	69.3	706.9	689.4	17.47	40.472				
3,600.0	3,445.4	3,564.9	3,546.2	19.2	8.7	166.35	-210.2	81.0	730.9	712.8	18.13	40.305				
3,700.0	3,537.9	3,662.0	3,641.8	20.0	9.0	166.22	-222.4	92.7	754.9	736.1	18.81	40.140				
3,800.0	3,630.4	3,759.0	3,737.4	20.8	9.4	166.10	-234.5	104.4	779.0	759.5	19.49	39.977				

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix L-29HN - Wellbore #1 - Plan #1 (11-06-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	1.0	1.0	0.0	0.0	-120.75	-38.3	-64.3	74.8	74.8	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-120.75	-38.3	-64.3	74.8	74.6	0.23	329.532		
200.0	200.0	201.0	201.0	0.3	0.3	-120.75	-38.3	-64.3	74.8	74.1	0.68	110.574		
300.0	300.0	301.0	301.0	0.6	0.6	-120.75	-38.3	-64.3	74.8	73.7	1.13	66.433		
400.0	400.0	401.0	401.0	0.8	0.8	-120.75	-38.3	-64.3	74.8	73.2	1.58	47.479		
500.0	500.0	501.0	501.0	1.0	1.0	-120.75	-38.3	-64.3	74.8	72.8	2.03	36.940		
600.0	600.0	601.0	601.0	1.2	1.2	-120.75	-38.3	-64.3	74.8	72.3	2.47	30.230		
700.0	700.0	701.0	701.0	1.5	1.5	-120.75	-38.3	-64.3	74.8	71.9	2.92	25.582		
800.0	800.0	801.0	801.0	1.7	1.7	-120.75	-38.3	-64.3	74.8	71.4	3.37	22.174 CC, ES		
900.0	900.0	901.0	901.0	1.9	1.9	129.33	-38.3	-64.3	75.9	72.1	3.80	19.949		
1,000.0	999.8	1,000.8	1,000.8	2.1	2.1	132.20	-38.3	-64.3	79.3	75.1	4.22	18.778		
1,100.0	1,099.5	1,100.5	1,100.5	2.3	2.4	136.44	-38.3	-64.3	85.4	80.8	4.65	18.362 SF		
1,200.0	1,198.7	1,199.7	1,199.7	2.6	2.6	141.40	-38.3	-64.3	94.7	89.6	5.09	18.603		
1,300.0	1,297.5	1,298.5	1,298.5	2.8	2.8	146.45	-38.3	-64.3	107.4	101.8	5.53	19.424		
1,400.0	1,395.6	1,396.6	1,396.6	3.2	3.0	151.16	-38.6	-64.3	123.8	117.8	5.97	20.745		
1,500.0	1,493.1	1,494.1	1,494.1	3.5	3.2	155.29	-38.3	-64.3	144.0	137.6	6.40	22.484		
1,600.0	1,589.6	1,590.6	1,590.6	4.0	3.5	158.79	-38.3	-64.3	167.9	161.1	6.84	24.564		
1,700.0	1,685.3	1,686.3	1,686.3	4.5	3.7	161.70	-38.3	-64.3	195.6	188.3	7.27	26.917		
1,800.0	1,779.8	1,780.8	1,780.8	5.1	3.9	164.09	-38.3	-64.3	226.9	219.2	7.69	29.487		
1,900.0	1,873.2	1,880.7	1,880.7	5.8	4.1	166.07	-38.9	-63.4	260.7	252.6	8.11	32.144		
1,917.9	1,889.8	1,898.9	1,898.9	5.9	4.1	166.36	-39.3	-62.9	266.9	258.7	8.19	32.602		
2,000.0	1,965.7	1,983.6	1,983.5	6.5	4.3	167.52	-41.7	-59.5	294.0	285.4	8.57	34.318		
2,100.0	2,058.2	2,089.0	2,088.5	7.2	4.5	168.40	-46.8	-52.5	324.3	315.3	9.05	35.821		
2,200.0	2,150.6	2,196.7	2,195.4	8.0	4.7	168.85	-54.3	-42.0	351.5	342.0	9.57	36.731		
2,300.0	2,243.1	2,306.4	2,303.7	8.8	5.0	168.95	-64.4	-28.1	375.4	365.3	10.12	37.104		
2,400.0	2,335.6	2,417.8	2,413.0	9.6	5.3	168.77	-77.1	-10.5	395.9	385.2	10.70	37.002		
2,500.0	2,428.1	2,517.2	2,510.0	10.3	5.6	168.49	-89.7	7.0	414.4	403.1	11.29	36.699		
2,600.0	2,520.6	2,615.4	2,606.0	11.1	5.9	168.24	-102.2	24.3	432.9	421.0	11.89	36.402		
2,700.0	2,613.0	2,713.7	2,701.9	11.9	6.3	168.00	-114.6	41.6	451.4	438.9	12.51	36.083		
2,800.0	2,705.5	2,812.0	2,797.8	12.7	6.6	167.79	-127.1	58.9	469.9	456.7	13.14	35.762		
2,900.0	2,798.0	2,910.2	2,893.7	13.5	7.0	167.59	-139.6	76.2	488.4	474.6	13.78	35.443		
3,000.0	2,890.5	3,008.5	2,989.6	14.3	7.4	167.41	-152.1	93.5	506.9	492.5	14.43	35.129		
3,100.0	2,983.0	3,106.7	3,085.5	15.2	7.8	167.23	-164.6	110.8	525.4	510.3	15.09	34.823		
3,200.0	3,075.5	3,205.0	3,181.4	16.0	8.2	167.08	-177.0	128.1	543.9	528.2	15.75	34.526		
3,300.0	3,167.9	3,303.3	3,277.4	16.8	8.6	166.93	-189.5	145.4	562.5	546.0	16.43	34.239		
3,400.0	3,260.4	3,401.5	3,373.3	17.6	9.0	166.79	-202.0	162.7	581.0	563.9	17.11	33.962		
3,500.0	3,352.9	3,499.8	3,469.2	18.4	9.4	166.66	-214.5	180.0	599.5	581.7	17.79	33.696		
3,600.0	3,445.4	3,598.0	3,565.1	19.2	9.9	166.53	-226.9	197.3	618.1	599.6	18.48	33.441		
3,700.0	3,537.9	3,696.3	3,661.0	20.0	10.3	166.42	-239.4	214.6	636.6	617.4	19.18	33.196		
3,800.0	3,630.4	3,794.5	3,756.9	20.8	10.7	166.31	-251.9	231.9	655.1	635.3	19.88	32.962		
3,900.0	3,722.8	3,892.8	3,852.9	21.7	11.2	166.20	-264.4	249.2	673.7	653.1	20.58	32.737		
4,000.0	3,815.3	3,991.1	3,948.8	22.5	11.6	166.11	-276.9	266.5	692.2	671.0	21.28	32.523		
4,100.0	3,907.8	4,089.3	4,044.7	23.3	12.1	166.01	-289.3	283.8	710.8	688.8	21.99	32.317		
4,200.0	4,000.3	4,187.6	4,140.6	24.1	12.5	165.93	-301.8	301.1	729.3	706.6	22.71	32.121		
4,300.0	4,092.8	4,285.8	4,236.5	24.9	13.0	165.84	-314.3	318.4	747.9	724.5	23.42	31.933		
4,400.0	4,185.2	4,384.1	4,332.4	25.8	13.4	165.76	-326.8	335.7	766.4	742.3	24.14	31.753		
4,500.0	4,277.7	4,482.4	4,428.3	26.6	13.9	165.69	-339.3	353.0	785.0	760.1	24.86	31.580		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix M-29HN - Wellbore #1 - Plan #1 (10-08-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	1.0	1.0	0.0	0.0	-120.72	-30.6	-51.5	59.9	59.9	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-120.72	-30.6	-51.5	59.9	59.7	0.23	263.809		
200.0	200.0	201.0	201.0	0.3	0.3	-120.72	-30.6	-51.5	59.9	59.2	0.68	88.521		
300.0	300.0	301.0	301.0	0.6	0.6	-120.72	-30.6	-51.5	59.9	58.8	1.13	53.183		
400.0	400.0	401.0	401.0	0.8	0.8	-120.72	-30.6	-51.5	59.9	58.3	1.58	38.010		
500.0	500.0	501.0	501.0	1.0	1.0	-120.72	-30.6	-51.5	59.9	57.9	2.03	29.572		
600.0	600.0	601.0	601.0	1.2	1.2	-120.72	-30.6	-51.5	59.9	57.4	2.47	24.200		
700.0	700.0	701.0	701.0	1.5	1.5	-120.72	-30.6	-51.5	59.9	57.0	2.92	20.480		
800.0	800.0	801.0	801.0	1.7	1.7	-120.72	-30.6	-51.5	59.9	56.5	3.37	17.751 CC, ES		
900.0	900.0	901.0	901.0	1.9	1.9	129.61	-30.6	-51.5	61.0	57.2	3.80	16.029		
1,000.0	999.8	1,000.8	1,000.8	2.1	2.1	133.15	-30.6	-51.5	64.5	60.2	4.22	15.258		
1,100.0	1,099.5	1,100.5	1,100.5	2.3	2.4	138.21	-30.6	-51.5	70.7	66.1	4.65	15.200 SF		
1,200.0	1,198.7	1,199.7	1,199.7	2.6	2.6	143.90	-30.6	-51.5	80.2	75.1	5.08	15.777		
1,300.0	1,297.5	1,298.5	1,298.5	2.8	2.8	149.41	-30.6	-51.5	93.4	87.8	5.52	16.913		
1,400.0	1,395.6	1,396.6	1,396.6	3.2	3.0	154.30	-30.6	-51.5	110.3	104.3	5.95	18.521		
1,500.0	1,493.1	1,494.1	1,494.1	3.5	3.2	158.40	-30.6	-51.5	131.0	124.6	6.38	20.515		
1,600.0	1,589.6	1,590.6	1,590.6	4.0	3.5	161.74	-30.6	-51.5	155.4	148.6	6.81	22.816		
1,700.0	1,685.3	1,691.6	1,691.6	4.5	3.7	164.39	-31.3	-50.2	182.2	175.0	7.22	25.224		
1,800.0	1,779.8	1,794.1	1,793.9	5.1	3.9	166.22	-33.9	-45.8	209.4	201.8	7.62	27.479		
1,900.0	1,873.2	1,897.7	1,897.1	5.8	4.1	167.48	-38.3	-38.1	236.8	228.8	8.03	29.489		
1,917.9	1,889.8	1,916.3	1,915.7	5.9	4.1	167.66	-39.3	-36.4	241.8	233.7	8.11	29.820		
2,000.0	1,965.7	2,002.6	2,001.3	6.5	4.3	168.38	-44.6	-27.0	263.2	254.7	8.51	30.916		
2,100.0	2,058.2	2,109.6	2,106.9	7.2	4.6	168.88	-53.1	-12.3	286.3	277.3	9.04	31.682		
2,200.0	2,150.6	2,218.2	2,213.4	8.0	4.9	169.04	-63.7	6.1	306.0	296.4	9.59	31.896		
2,300.0	2,243.1	2,328.3	2,320.4	8.8	5.2	168.93	-76.4	28.4	322.1	311.9	10.18	31.631		
2,400.0	2,335.6	2,431.9	2,420.5	9.6	5.6	168.65	-90.0	52.0	335.3	324.5	10.79	31.065		
2,500.0	2,428.1	2,531.1	2,516.0	10.3	6.1	168.39	-103.1	74.9	348.3	336.9	11.41	30.517		
2,600.0	2,520.6	2,630.2	2,611.6	11.1	6.5	168.14	-116.2	97.7	361.3	349.2	12.05	29.979		
2,700.0	2,613.0	2,729.4	2,707.2	11.9	7.0	167.92	-129.3	120.6	374.2	361.5	12.70	29.465		
2,800.0	2,705.5	2,828.5	2,802.8	12.7	7.4	167.70	-142.4	143.5	387.2	373.8	13.36	28.975		
2,900.0	2,798.0	2,927.6	2,898.3	13.5	7.9	167.51	-155.5	166.3	400.2	386.1	14.04	28.509		
3,000.0	2,890.5	3,026.8	2,993.9	14.3	8.4	167.32	-168.7	189.2	413.2	398.4	14.72	28.069		
3,100.0	2,983.0	3,125.9	3,089.5	15.2	8.9	167.15	-181.8	212.0	426.1	410.7	15.41	27.652		
3,200.0	3,075.5	3,225.1	3,185.1	16.0	9.4	166.98	-194.9	234.9	439.1	423.0	16.11	27.258		
3,300.0	3,167.9	3,324.2	3,280.6	16.8	10.0	166.83	-208.0	257.8	452.1	435.3	16.82	26.887		
3,400.0	3,260.4	3,423.4	3,376.2	17.6	10.5	166.68	-221.1	280.6	465.1	447.6	17.53	26.536		
3,500.0	3,352.9	3,522.5	3,471.8	18.4	11.0	166.54	-234.2	303.5	478.1	459.9	18.25	26.205		
3,600.0	3,445.4	3,621.7	3,567.4	19.2	11.5	166.41	-247.4	326.3	491.1	472.2	18.97	25.892		
3,700.0	3,537.9	3,720.8	3,663.0	20.0	12.1	166.29	-260.5	349.2	504.1	484.4	19.70	25.596		
3,800.0	3,630.4	3,819.9	3,758.5	20.8	12.6	166.17	-273.6	372.1	517.1	496.7	20.43	25.316		
3,900.0	3,722.8	3,919.1	3,854.1	21.7	13.2	166.06	-286.7	394.9	530.1	509.0	21.16	25.051		
4,000.0	3,815.3	4,018.2	3,949.7	22.5	13.7	165.95	-299.8	417.8	543.2	521.3	21.90	24.800		
4,100.0	3,907.8	4,117.4	4,045.3	23.3	14.3	165.85	-312.9	440.7	556.2	533.5	22.64	24.562		
4,200.0	4,000.3	4,216.5	4,140.8	24.1	14.8	165.75	-326.0	463.5	569.2	545.8	23.39	24.336		
4,300.0	4,092.8	4,315.7	4,236.4	24.9	15.4	165.66	-339.2	486.4	582.2	558.1	24.14	24.122		
4,400.0	4,185.2	4,414.8	4,332.0	25.8	15.9	165.57	-352.3	509.2	595.2	570.3	24.89	23.918		
4,500.0	4,277.7	4,514.0	4,427.6	26.6	16.5	165.49	-365.4	532.1	608.2	582.6	25.64	23.723		
4,600.0	4,370.2	4,613.1	4,523.2	27.4	17.0	165.41	-378.5	555.0	621.2	594.9	26.39	23.538		
4,700.0	4,462.7	4,712.3	4,618.7	28.2	17.6	165.33	-391.6	577.8	634.3	607.1	27.15	23.362		
4,800.0	4,555.2	4,811.4	4,714.3	29.0	18.1	165.25	-404.7	600.7	647.3	619.4	27.91	23.194		
4,900.0	4,647.7	4,910.5	4,809.9	29.9	18.7	165.18	-417.9	623.6	660.3	631.6	28.67	23.033		
5,000.0	4,740.1	5,009.7	4,905.5	30.7	19.3	165.11	-431.0	646.4	673.3	643.9	29.43	22.879		

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix M-29HN - Wellbore #1 - Plan #1 (10-08-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,100.0	4,832.6	5,108.8	5,001.0	31.5	19.8	165.05	-444.1	669.3	686.4	656.2	30.19	22.732	
5,200.0	4,925.1	5,208.0	5,096.6	32.3	20.4	164.98	-457.2	692.1	699.4	668.4	30.96	22.591	
5,300.0	5,017.6	5,307.1	5,192.2	33.1	20.9	164.92	-470.3	715.0	712.4	680.7	31.72	22.456	
5,400.0	5,110.1	5,406.3	5,287.8	34.0	21.5	164.86	-483.4	737.9	725.4	692.9	32.49	22.327	
5,500.0	5,202.6	5,505.4	5,383.4	34.8	22.1	164.80	-496.6	760.7	738.5	705.2	33.26	22.203	
5,600.0	5,295.0	5,604.6	5,478.9	35.6	22.6	164.75	-509.7	783.6	751.5	717.5	34.03	22.083	
5,700.0	5,387.5	5,703.7	5,574.5	36.4	23.2	164.70	-522.8	806.4	764.5	729.7	34.80	21.969	
5,800.0	5,480.0	5,802.8	5,670.1	37.3	23.7	164.64	-535.9	829.3	777.6	742.0	35.57	21.858	
5,900.0	5,572.5	5,902.0	5,765.7	38.1	24.3	164.59	-549.0	852.2	790.6	754.2	36.35	21.752	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	1.0	1.0	0.0	0.0	-120.67	-22.9	-38.7	45.0	45.0	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-120.67	-22.9	-38.7	45.0	44.7	0.23	198.113		
200.0	200.0	201.0	201.0	0.3	0.3	-120.67	-22.9	-38.7	45.0	44.3	0.68	66.477		
300.0	300.0	301.0	301.0	0.6	0.6	-120.67	-22.9	-38.7	45.0	43.8	1.13	39.939		
400.0	400.0	401.0	401.0	0.8	0.8	-120.67	-22.9	-38.7	45.0	43.4	1.58	28.544		
500.0	500.0	501.0	501.0	1.0	1.0	-120.67	-22.9	-38.7	45.0	42.9	2.03	22.208		
600.0	600.0	601.0	601.0	1.2	1.2	-120.67	-22.9	-38.7	45.0	42.5	2.47	18.174		
700.0	700.0	701.0	701.0	1.5	1.5	-120.67	-22.9	-38.7	45.0	42.1	2.92	15.380		
800.0	800.0	801.0	801.0	1.7	1.7	-120.67	-22.9	-38.7	45.0	41.6	3.37	13.331 CC, ES		
900.0	900.0	901.0	901.0	1.9	1.9	130.08	-22.9	-38.7	46.1	42.3	3.80	12.111		
1,000.0	999.8	1,000.8	1,000.8	2.1	2.1	134.65	-22.9	-38.7	49.6	45.4	4.22	11.745 SF		
1,100.0	1,099.5	1,100.5	1,100.5	2.3	2.4	140.91	-22.9	-38.7	56.1	51.4	4.65	12.061		
1,200.0	1,198.7	1,199.7	1,199.7	2.6	2.6	147.47	-22.9	-38.7	66.0	60.9	5.08	12.994		
1,300.0	1,297.5	1,298.5	1,298.5	2.8	2.8	153.39	-22.9	-38.7	79.7	74.2	5.51	14.460		
1,400.0	1,395.6	1,396.6	1,396.6	3.2	3.0	158.30	-22.9	-38.7	97.2	91.2	5.94	16.362		
1,500.0	1,493.1	1,497.7	1,497.7	3.5	3.2	161.97	-23.7	-37.2	116.9	110.6	6.35	18.424		
1,600.0	1,589.6	1,599.6	1,599.5	4.0	3.4	164.41	-26.2	-32.5	137.1	130.4	6.74	20.349		
1,700.0	1,685.3	1,702.4	1,701.8	4.5	3.6	166.05	-30.4	-24.6	157.6	150.4	7.14	22.053		
1,800.0	1,779.8	1,805.9	1,804.5	5.1	3.9	167.16	-36.4	-13.3	178.1	170.5	7.57	23.538		
1,900.0	1,873.2	1,910.2	1,907.5	5.8	4.1	167.90	-44.2	1.4	198.7	190.7	8.01	24.809		
1,917.9	1,889.8	1,929.0	1,926.0	5.9	4.2	168.00	-45.7	4.3	202.4	194.3	8.09	25.012		
2,000.0	1,965.7	2,015.6	2,010.8	6.5	4.4	168.37	-53.8	19.5	218.1	209.5	8.53	25.569		
2,100.0	2,058.2	2,122.3	2,114.6	7.2	4.8	168.48	-65.3	41.3	234.1	225.0	9.10	25.729		
2,200.0	2,150.6	2,228.3	2,216.8	8.0	5.2	168.30	-78.6	66.3	246.7	237.0	9.70	25.418		
2,300.0	2,243.1	2,327.6	2,312.2	8.8	5.7	168.06	-91.5	90.7	258.1	247.8	10.31	25.024		
2,400.0	2,335.6	2,426.9	2,407.6	9.6	6.2	167.84	-104.5	115.2	269.6	258.6	10.95	24.618		
2,500.0	2,428.1	2,526.3	2,503.0	10.3	6.6	167.63	-117.4	139.6	281.0	269.4	11.60	24.227		
2,600.0	2,520.6	2,625.6	2,598.4	11.1	7.2	167.45	-130.4	164.0	292.5	280.2	12.26	23.852		
2,700.0	2,613.0	2,725.0	2,693.9	11.9	7.7	167.28	-143.3	188.5	303.9	291.0	12.94	23.495		
2,800.0	2,705.5	2,824.3	2,789.3	12.7	8.2	167.12	-156.3	212.9	315.4	301.8	13.62	23.157		
2,900.0	2,798.0	2,923.6	2,884.7	13.5	8.7	166.97	-169.2	237.3	326.9	312.6	14.31	22.838		
3,000.0	2,890.5	3,023.0	2,980.1	14.3	9.3	166.83	-182.2	261.7	338.4	323.3	15.01	22.537		
3,100.0	2,983.0	3,122.3	3,075.5	15.2	9.8	166.70	-195.1	286.2	349.8	334.1	15.72	22.253		
3,200.0	3,075.5	3,221.6	3,170.9	16.0	10.4	166.58	-208.0	310.6	361.3	344.9	16.43	21.985		
3,300.0	3,167.9	3,321.0	3,266.3	16.8	11.0	166.46	-221.0	335.0	372.8	355.6	17.15	21.733		
3,400.0	3,260.4	3,420.3	3,361.7	17.6	11.5	166.36	-233.9	359.5	384.3	366.4	17.88	21.496		
3,500.0	3,352.9	3,519.6	3,457.2	18.4	12.1	166.26	-246.9	383.9	395.7	377.1	18.60	21.272		
3,600.0	3,445.4	3,619.0	3,552.6	19.2	12.7	166.16	-259.8	408.3	407.2	387.9	19.33	21.061		
3,700.0	3,537.9	3,718.3	3,648.0	20.0	13.2	166.07	-272.8	432.7	418.7	398.6	20.07	20.862		
3,800.0	3,630.4	3,817.7	3,743.4	20.8	13.8	165.98	-285.7	457.2	430.2	409.4	20.81	20.674		
3,900.0	3,722.8	3,917.0	3,838.8	21.7	14.4	165.90	-298.7	481.6	441.7	420.1	21.55	20.495		
4,000.0	3,815.3	4,016.3	3,934.2	22.5	15.0	165.83	-311.6	506.0	453.1	430.8	22.29	20.327		
4,100.0	3,907.8	4,115.7	4,029.6	23.3	15.6	165.75	-324.6	530.4	464.6	441.6	23.04	20.167		
4,200.0	4,000.3	4,215.0	4,125.0	24.1	16.1	165.69	-337.5	554.9	476.1	452.3	23.79	20.015		
4,300.0	4,092.8	4,314.3	4,220.5	24.9	16.7	165.62	-350.5	579.3	487.6	463.1	24.54	19.871		
4,400.0	4,185.2	4,413.7	4,315.9	25.8	17.3	165.56	-363.4	603.7	499.1	473.8	25.29	19.734		
4,500.0	4,277.7	4,513.0	4,411.3	26.6	17.9	165.50	-376.4	628.2	510.6	484.5	26.04	19.604		
4,600.0	4,370.2	4,612.4	4,506.7	27.4	18.5	165.44	-389.3	652.6	522.0	495.2	26.80	19.480		
4,700.0	4,462.7	4,711.7	4,602.1	28.2	19.1	165.38	-402.2	677.0	533.5	506.0	27.56	19.361		
4,800.0	4,555.2	4,811.0	4,697.5	29.0	19.6	165.33	-415.2	701.4	545.0	516.7	28.32	19.249		
4,900.0	4,647.7	4,910.4	4,792.9	29.9	20.2	165.28	-428.1	725.9	556.5	527.4	29.07	19.141		
5,000.0	4,740.1	5,009.7	4,888.3	30.7	20.8	165.23	-441.1	750.3	568.0	538.2	29.84	19.038		

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix N-29HC - Wellbore #1 - Plan #1 (10-08-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	4,832.6	5,109.0	4,983.7	31.5	21.4	165.19	-454.0	774.7	579.5	548.9	30.60	18.939	
5,200.0	4,925.1	5,208.4	5,079.2	32.3	22.0	165.14	-467.0	799.2	591.0	559.6	31.36	18.844	
5,300.0	5,017.6	5,307.7	5,174.6	33.1	22.6	165.10	-479.9	823.6	602.5	570.3	32.13	18.754	
5,400.0	5,110.1	5,407.0	5,270.0	34.0	23.2	165.06	-492.9	848.0	614.0	581.1	32.89	18.667	
5,500.0	5,202.6	5,506.4	5,365.4	34.8	23.8	165.02	-505.8	872.4	625.5	591.8	33.66	18.584	
5,600.0	5,295.0	5,605.7	5,460.8	35.6	24.4	164.98	-518.8	896.9	636.9	602.5	34.42	18.503	
5,700.0	5,387.5	5,705.1	5,556.2	36.4	24.9	164.94	-531.7	921.3	648.4	613.2	35.19	18.426	
5,800.0	5,480.0	5,804.4	5,651.6	37.3	25.5	164.90	-544.7	945.7	659.9	624.0	35.96	18.352	
5,900.0	5,572.5	5,903.7	5,747.0	38.1	26.1	164.87	-557.6	970.2	671.4	634.7	36.73	18.281	
6,000.0	5,665.0	6,003.1	5,842.5	38.9	26.7	164.84	-570.5	994.6	682.9	645.4	37.50	18.212	
6,100.0	5,757.4	6,102.4	5,937.9	39.7	27.3	164.80	-583.5	1,019.0	694.4	656.1	38.27	18.146	
6,200.0	5,849.9	6,201.7	6,033.3	40.5	27.9	164.77	-596.4	1,043.4	705.9	666.9	39.04	18.082	
6,300.0	5,942.4	6,301.1	6,128.7	41.4	28.5	164.74	-609.4	1,067.9	717.4	677.6	39.81	18.021	
6,400.0	6,034.9	6,400.4	6,224.1	42.2	29.1	164.71	-622.3	1,092.3	728.9	688.3	40.58	17.961	
6,500.0	6,127.4	6,499.7	6,319.5	43.0	29.7	164.68	-635.3	1,116.7	740.4	699.0	41.35	17.904	
6,583.8	6,204.9	6,578.2	6,395.1	43.7	30.1	164.79	-643.8	1,136.1	750.2	708.3	41.88	17.911	
6,600.0	6,219.9	6,592.8	6,409.2	43.8	30.2	168.04	-644.6	1,139.7	752.1	710.3	41.87	17.963	
6,650.0	6,266.4	6,637.8	6,452.7	44.1	30.3	178.67	-645.1	1,150.8	758.2	716.4	41.81	18.135	
6,700.0	6,313.1	6,682.6	6,496.1	44.5	30.5	-170.29	-642.8	1,161.9	764.3	722.6	41.74	18.309	
6,750.0	6,359.7	6,727.2	6,539.0	44.7	30.6	-159.54	-637.7	1,172.8	770.3	728.7	41.68	18.483	
6,800.0	6,405.9	6,771.7	6,581.5	45.0	30.8	-149.69	-629.9	1,183.6	776.3	734.7	41.62	18.654	
6,850.0	6,451.7	6,816.1	6,623.3	45.2	30.9	-141.08	-619.4	1,194.3	782.2	740.6	41.57	18.818	
6,900.0	6,496.7	6,860.5	6,664.4	45.5	31.0	-133.77	-606.2	1,204.7	787.9	746.4	41.53	18.973	
6,950.0	6,540.7	6,904.8	6,704.5	45.6	31.0	-127.68	-590.5	1,214.9	793.5	752.0	41.51	19.118	
7,000.0	6,583.5	6,950.0	6,744.4	45.8	31.1	-122.63	-571.9	1,225.0	798.9	757.4	41.50	19.250	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	-120.86	-15.3	-25.6	29.8					
100.0	100.0	100.0	100.0	0.1	0.1	-120.86	-15.3	-25.6	29.8	29.6	0.22	132.705		
200.0	200.0	200.0	200.0	0.3	0.3	-120.86	-15.3	-25.6	29.8	29.2	0.67	44.235		
300.0	300.0	300.0	300.0	0.6	0.6	-120.86	-15.3	-25.6	29.8	28.7	1.12	26.541		
400.0	400.0	400.0	400.0	0.8	0.8	-120.86	-15.3	-25.6	29.8	28.3	1.57	18.958		
500.0	500.0	500.0	500.0	1.0	1.0	-120.86	-15.3	-25.6	29.8	27.8	2.02	14.745		
600.0	600.0	600.0	600.0	1.2	1.2	-120.86	-15.3	-25.6	29.8	27.4	2.47	12.064		
700.0	700.0	700.0	700.0	1.5	1.5	-120.86	-15.3	-25.6	29.8	26.9	2.92	10.208		
800.0	800.0	800.0	800.0	1.7	1.7	-120.86	-15.3	-25.6	29.8	26.5	3.37	8.847 CC, ES		
900.0	900.0	900.0	900.0	1.9	1.9	130.72	-15.3	-25.6	30.9	27.1	3.80	8.136		
1,000.0	999.8	999.8	999.8	2.1	2.1	137.25	-15.3	-25.6	34.6	30.4	4.22	8.192		
1,100.0	1,099.5	1,099.5	1,099.5	2.3	2.4	145.38	-15.3	-25.6	41.4	36.8	4.65	8.914		
1,200.0	1,198.7	1,198.7	1,198.7	2.6	2.6	152.93	-15.3	-25.6	51.9	46.8	5.07	10.237		
1,300.0	1,297.5	1,299.5	1,299.5	2.8	2.8	158.42	-16.1	-24.1	64.7	59.3	5.48	11.819		
1,400.0	1,395.6	1,400.8	1,400.6	3.2	3.0	161.82	-18.4	-19.3	78.0	72.2	5.87	13.301		
1,500.0	1,493.1	1,502.6	1,502.0	3.5	3.2	164.01	-22.4	-11.3	91.6	85.3	6.27	14.610		
1,600.0	1,589.6	1,604.9	1,603.6	4.0	3.4	165.43	-28.1	0.0	105.3	98.6	6.68	15.747		
1,700.0	1,685.3	1,707.8	1,705.1	4.5	3.7	166.35	-35.3	14.5	119.0	111.9	7.12	16.715		
1,800.0	1,779.8	1,811.1	1,806.5	5.1	4.0	166.91	-44.3	32.5	132.7	125.2	7.58	17.521		
1,900.0	1,873.2	1,915.0	1,907.6	5.8	4.4	167.22	-54.9	53.8	146.5	138.4	8.06	18.170		
1,917.9	1,889.8	1,933.6	1,925.6	5.9	4.5	167.25	-57.0	58.0	148.9	140.8	8.15	18.267		
2,000.0	1,965.7	2,019.5	2,008.3	6.5	4.8	167.29	-67.3	78.5	159.0	150.4	8.63	18.416		
2,100.0	2,058.2	2,121.7	2,106.0	7.2	5.3	167.02	-80.8	105.5	168.6	159.4	9.25	18.222		
2,200.0	2,150.6	2,221.2	2,201.0	8.0	5.8	166.74	-94.0	132.1	177.9	168.0	9.90	17.971		
2,300.0	2,243.1	2,320.8	2,296.0	8.8	6.4	166.49	-107.3	158.7	187.1	176.6	10.56	17.718		
2,400.0	2,335.6	2,420.4	2,391.1	9.6	6.9	166.26	-120.6	185.3	196.4	185.1	11.24	17.471		
2,500.0	2,428.1	2,519.9	2,486.1	10.3	7.5	166.06	-133.9	211.9	205.6	193.7	11.93	17.231		
2,600.0	2,520.6	2,619.5	2,581.1	11.1	8.1	165.87	-147.2	238.5	214.9	202.2	12.64	17.002		
2,700.0	2,613.0	2,719.1	2,676.1	11.9	8.7	165.70	-160.5	265.1	224.1	210.8	13.35	16.784		
2,800.0	2,705.5	2,818.6	2,771.1	12.7	9.2	165.54	-173.8	291.8	233.4	219.3	14.08	16.578		
2,900.0	2,798.0	2,918.2	2,866.2	13.5	9.8	165.39	-187.0	318.4	242.6	227.8	14.81	16.383		
3,000.0	2,890.5	3,017.8	2,961.2	14.3	10.5	165.26	-200.3	345.0	251.9	236.4	15.55	16.200		
3,100.0	2,983.0	3,117.3	3,056.2	15.2	11.1	165.13	-213.6	371.6	261.2	244.9	16.29	16.028		
3,200.0	3,075.5	3,216.9	3,151.2	16.0	11.7	165.01	-226.9	398.2	270.4	253.4	17.05	15.865		
3,300.0	3,167.9	3,316.5	3,246.3	16.8	12.3	164.90	-240.2	424.8	279.7	261.9	17.80	15.712		
3,400.0	3,260.4	3,416.1	3,341.3	17.6	12.9	164.80	-253.5	451.4	289.0	270.4	18.56	15.569		
3,500.0	3,352.9	3,515.6	3,436.3	18.4	13.5	164.71	-266.8	478.0	298.2	278.9	19.32	15.433		
3,600.0	3,445.4	3,615.2	3,531.3	19.2	14.1	164.62	-280.1	504.6	307.5	287.4	20.09	15.305		
3,700.0	3,537.9	3,714.8	3,626.4	20.0	14.8	164.53	-293.3	531.2	316.8	295.9	20.86	15.185		
3,800.0	3,630.4	3,814.3	3,721.4	20.8	15.4	164.45	-306.6	557.9	326.0	304.4	21.63	15.071		
3,900.0	3,722.8	3,913.9	3,816.4	21.7	16.0	164.37	-319.9	584.5	335.3	312.9	22.41	14.963		
4,000.0	3,815.3	4,013.5	3,911.4	22.5	16.7	164.30	-333.2	611.1	344.6	321.4	23.18	14.861		
4,100.0	3,907.8	4,113.0	4,006.4	23.3	17.3	164.23	-346.5	637.7	353.8	329.9	23.96	14.765		
4,200.0	4,000.3	4,212.6	4,101.5	24.1	17.9	164.17	-359.8	664.3	363.1	338.3	24.75	14.673		
4,300.0	4,092.8	4,312.2	4,196.5	24.9	18.5	164.11	-373.1	690.9	372.4	346.8	25.53	14.586		
4,400.0	4,185.2	4,411.7	4,291.5	25.8	19.2	164.05	-386.3	717.5	381.6	355.3	26.31	14.504		
4,500.0	4,277.7	4,511.3	4,386.5	26.6	19.8	163.99	-399.6	744.1	390.9	363.8	27.10	14.425		
4,600.0	4,370.2	4,610.9	4,481.6	27.4	20.4	163.94	-412.9	770.7	400.2	372.3	27.89	14.350		
4,700.0	4,462.7	4,710.4	4,576.6	28.2	21.1	163.89	-426.2	797.3	409.4	380.8	28.68	14.279		
4,800.0	4,555.2	4,810.0	4,671.6	29.0	21.7	163.84	-439.5	824.0	418.7	389.3	29.47	14.210		
4,900.0	4,647.7	4,909.6	4,766.6	29.9	22.3	163.80	-452.8	850.6	428.0	397.7	30.26	14.145		
5,000.0	4,740.1	5,009.2	4,861.6	30.7	23.0	163.75	-466.1	877.2	437.3	406.2	31.05	14.083		

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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	4,832.6	5,108.7	4,956.7	31.5	23.6	163.71	-479.3	903.8	446.5	414.7	31.84	14.024	
5,200.0	4,925.1	5,208.3	5,051.7	32.3	24.2	163.67	-492.6	930.4	455.8	423.2	32.64	13.967	
5,300.0	5,017.6	5,307.9	5,146.7	33.1	24.9	163.63	-505.9	957.0	465.1	431.6	33.43	13.912	
5,400.0	5,110.1	5,407.4	5,241.7	34.0	25.5	163.59	-519.2	983.6	474.4	440.1	34.23	13.860	
5,500.0	5,202.6	5,507.0	5,336.8	34.8	26.1	163.55	-532.5	1,010.2	483.6	448.6	35.02	13.809	
5,600.0	5,295.0	5,606.6	5,431.8	35.6	26.8	163.52	-545.8	1,036.8	492.9	457.1	35.82	13.761	
5,700.0	5,387.5	5,706.1	5,526.8	36.4	27.4	163.49	-559.1	1,063.4	502.2	465.6	36.62	13.714	
5,800.0	5,480.0	5,805.7	5,621.8	37.3	28.0	163.45	-572.4	1,090.1	511.4	474.0	37.41	13.670	
5,900.0	5,572.5	5,905.3	5,716.8	38.1	28.7	163.42	-585.6	1,116.7	520.7	482.5	38.21	13.627	
6,000.0	5,665.0	6,004.8	5,811.9	38.9	29.3	163.39	-598.9	1,143.3	530.0	491.0	39.01	13.585	
6,100.0	5,757.4	6,104.4	5,906.9	39.7	30.0	163.36	-612.2	1,169.9	539.3	499.5	39.81	13.545	
6,200.0	5,849.9	6,204.0	6,001.9	40.5	30.6	163.34	-625.5	1,196.5	548.5	507.9	40.61	13.507	
6,300.0	5,942.4	6,303.5	6,096.9	41.4	31.2	163.31	-638.8	1,223.1	557.8	516.4	41.41	13.470	
6,400.0	6,034.9	6,403.1	6,192.0	42.2	31.9	163.28	-652.1	1,249.7	567.1	524.9	42.21	13.434	
6,500.0	6,127.4	6,501.5	6,285.9	43.0	32.5	163.30	-664.8	1,276.0	576.4	533.4	42.98	13.411	
6,583.8	6,204.9	6,580.2	6,361.5	43.7	32.8	163.96	-668.4	1,297.2	584.7	541.5	43.15	13.550	
6,600.0	6,219.9	6,595.2	6,376.0	43.8	32.9	167.32	-668.0	1,301.2	586.4	543.3	43.06	13.617	
6,650.0	6,266.4	6,641.2	6,420.2	44.1	33.1	178.28	-665.2	1,313.6	591.6	548.8	42.77	13.831	
6,700.0	6,313.1	6,686.9	6,463.9	44.5	33.2	-170.35	-659.4	1,325.8	596.9	554.4	42.50	14.045	
6,750.0	6,359.7	6,732.2	6,506.8	44.7	33.4	-159.27	-650.8	1,337.8	602.2	560.0	42.25	14.255	
6,800.0	6,405.9	6,777.3	6,548.7	45.0	33.5	-149.11	-639.5	1,349.5	607.5	565.5	42.03	14.455	
6,850.0	6,451.7	6,822.0	6,589.7	45.2	33.6	-140.19	-625.6	1,360.9	612.8	571.0	41.85	14.644	
6,900.0	6,496.7	6,866.5	6,629.5	45.5	33.7	-132.60	-609.2	1,372.0	618.0	576.3	41.70	14.819	
6,950.0	6,540.7	6,910.7	6,668.0	45.6	33.7	-126.23	-590.3	1,382.7	623.0	581.4	41.60	14.978	
7,000.0	6,583.5	6,954.7	6,705.2	45.8	33.8	-120.91	-569.2	1,393.1	627.9	586.4	41.53	15.121	
7,050.0	6,624.9	7,000.0	6,742.0	46.0	33.8	-116.46	-544.9	1,403.3	632.6	591.1	41.49	15.247	
7,100.0	6,664.7	7,042.2	6,775.0	46.1	33.8	-112.75	-520.3	1,412.5	637.1	595.6	41.50	15.354	
7,150.0	6,702.8	7,085.7	6,807.4	46.2	33.8	-109.62	-492.7	1,421.5	641.4	599.9	41.53	15.443	
7,200.0	6,738.8	7,129.1	6,838.1	46.3	33.8	-106.99	-463.3	1,430.0	645.4	603.8	41.60	15.513	
7,250.0	6,772.7	7,172.4	6,867.0	46.3	33.8	-104.77	-432.1	1,438.0	649.1	607.4	41.71	15.565	
7,300.0	6,804.3	7,215.6	6,894.0	46.4	33.8	-102.90	-399.1	1,445.5	652.6	610.7	41.84	15.595	
7,350.0	6,833.4	7,258.8	6,918.9	46.4	33.8	-101.33	-364.6	1,452.4	655.7	613.6	42.01	15.605	
7,400.0	6,859.9	7,300.0	6,940.9	46.4	33.7	-100.04	-330.2	1,458.5	658.4	616.2	42.22	15.594	
7,450.0	6,883.6	7,345.0	6,962.6	46.4	33.7	-98.97	-291.3	1,464.4	660.8	618.3	42.48	15.556	
7,500.0	6,904.5	7,388.1	6,981.2	46.4	33.6	-98.12	-252.7	1,469.5	662.8	620.1	42.78	15.494	
7,550.0	6,922.4	7,431.2	6,997.5	46.4	33.6	-97.47	-213.0	1,474.0	664.5	621.4	43.13	15.408	
7,600.0	6,937.2	7,474.4	7,011.5	46.3	33.5	-96.99	-172.4	1,477.8	665.8	622.3	43.52	15.297	
7,650.0	6,949.0	7,517.7	7,023.1	46.3	33.5	-96.69	-130.8	1,481.0	666.7	622.7	43.97	15.163	
7,700.0	6,957.5	7,561.0	7,032.3	46.2	33.4	-96.55	-88.6	1,483.5	667.2	622.8	44.46	15.006	
7,750.0	6,962.9	7,604.4	7,039.1	46.2	33.4	-96.57	-45.7	1,485.3	667.4	622.3	45.01	14.828	
7,800.0	6,965.0	7,650.0	7,043.4	46.1	33.3	-96.75	-0.4	1,486.4	667.1	621.5	45.60	14.629	
7,810.9	6,965.0	7,657.5	7,043.9	46.1	33.3	-96.79	7.1	1,486.5	667.0	621.3	45.73	14.586	
7,900.0	6,964.6	7,740.1	7,044.8	46.0	33.2	-96.91	89.7	1,486.5	666.7	620.2	46.50	14.337	
8,000.0	6,964.1	7,840.1	7,044.2	45.9	33.1	-96.90	189.7	1,486.1	666.7	619.1	47.53	14.025	
8,100.0	6,963.6	7,940.1	7,043.6	45.9	33.1	-96.89	289.7	1,485.7	666.6	617.8	48.81	13.656	
8,200.0	6,963.1	8,040.1	7,042.9	45.9	33.3	-96.88	389.7	1,485.3	666.6	616.2	50.35	13.239	
8,300.0	6,962.6	8,140.1	7,042.3	46.0	33.5	-96.87	489.7	1,484.9	666.5	614.4	52.12	12.787	
8,400.0	6,962.1	8,240.1	7,041.7	46.1	33.8	-96.86	589.7	1,484.5	666.5	612.4	54.11	12.317	
8,500.0	6,961.6	8,340.1	7,041.1	46.3	34.3	-96.85	689.7	1,484.1	666.4	610.1	56.28	11.840	
8,600.0	6,961.1	8,440.1	7,040.5	46.6	35.0	-96.84	789.7	1,483.7	666.4	607.7	58.63	11.366	
8,700.0	6,960.7	8,540.1	7,039.9	46.9	35.7	-96.83	889.7	1,483.3	666.3	605.2	61.12	10.902	
8,800.0	6,960.2	8,640.1	7,039.3	47.4	36.6	-96.82	989.6	1,482.9	666.3	602.5	63.75	10.452	

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix O-29HN - Wellbore #1 - Plan #1 (10-08-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,900.0	6,959.7	8,740.1	7,038.7	47.9	37.7	-96.81	1,089.6	1,482.5	666.2	599.7	66.49	10.020	
9,000.0	6,959.2	8,840.1	7,038.1	48.5	38.8	-96.80	1,189.6	1,482.1	666.2	596.8	69.33	9.609	
9,100.0	6,958.7	8,940.1	7,037.4	49.2	40.0	-96.79	1,289.6	1,481.7	666.1	593.9	72.26	9.218	
9,200.0	6,958.2	9,040.1	7,036.8	49.9	41.3	-96.78	1,389.6	1,481.3	666.1	590.8	75.28	8.848	
9,300.0	6,957.7	9,140.1	7,036.2	50.8	42.7	-96.77	1,489.6	1,480.9	666.0	587.7	78.36	8.499	
9,400.0	6,957.2	9,240.1	7,035.6	51.8	44.1	-96.76	1,589.6	1,480.5	666.0	584.5	81.51	8.170	
9,500.0	6,956.7	9,340.1	7,035.0	52.8	45.6	-96.75	1,689.6	1,480.1	665.9	581.2	84.71	7.861	
9,600.0	6,956.3	9,440.1	7,034.4	53.9	47.1	-96.74	1,789.6	1,479.7	665.9	577.9	87.96	7.570	
9,700.0	6,955.8	9,540.1	7,033.8	55.1	48.6	-96.73	1,889.6	1,479.3	665.8	574.6	91.26	7.296	
9,800.0	6,955.3	9,640.1	7,033.2	56.4	50.2	-96.72	1,989.6	1,478.9	665.8	571.2	94.60	7.038	
9,900.0	6,954.8	9,740.1	7,032.6	57.7	51.8	-96.71	2,089.6	1,478.5	665.7	567.8	97.97	6.795	
10,000.0	6,954.3	9,840.1	7,031.9	59.0	53.4	-96.70	2,189.6	1,478.1	665.7	564.3	101.37	6.567	
10,100.0	6,953.8	9,940.1	7,031.3	60.4	55.0	-96.69	2,289.6	1,477.7	665.6	560.8	104.81	6.351	
10,200.0	6,953.3	10,040.1	7,030.7	61.8	56.7	-96.68	2,389.6	1,477.3	665.6	557.3	108.27	6.148	
10,300.0	6,952.8	10,140.1	7,030.1	63.3	58.4	-96.67	2,489.6	1,476.9	665.5	553.8	111.75	5.956	
10,400.0	6,952.3	10,240.1	7,029.5	64.8	60.1	-96.66	2,589.6	1,476.5	665.5	550.2	115.25	5.774	
10,500.0	6,951.9	10,340.1	7,028.9	66.3	61.8	-96.65	2,689.6	1,476.1	665.4	546.7	118.78	5.602	
10,600.0	6,951.4	10,440.1	7,028.3	67.9	63.5	-96.64	2,789.6	1,475.7	665.4	543.1	122.32	5.440	
10,700.0	6,950.9	10,540.1	7,027.7	69.5	65.2	-96.63	2,889.6	1,475.3	665.3	539.5	125.88	5.285	
10,800.0	6,950.4	10,640.1	7,027.1	71.1	66.9	-96.62	2,989.6	1,474.9	665.3	535.8	129.46	5.139	
10,900.0	6,949.9	10,740.1	7,026.4	72.7	68.7	-96.61	3,089.6	1,474.5	665.2	532.2	133.04	5.000	
11,000.0	6,949.4	10,840.1	7,025.8	74.3	70.5	-96.60	3,189.6	1,474.1	665.2	528.5	136.65	4.868	
11,100.0	6,948.9	10,940.1	7,025.2	76.0	72.2	-96.59	3,289.6	1,473.7	665.1	524.9	140.26	4.742	
11,200.0	6,948.4	11,040.1	7,024.6	77.7	74.0	-96.58	3,389.6	1,473.3	665.1	521.2	143.88	4.622	
11,300.0	6,947.9	11,140.1	7,024.0	79.4	75.8	-96.57	3,489.6	1,472.9	665.0	517.5	147.52	4.508	
11,400.0	6,947.5	11,240.1	7,023.4	81.0	77.6	-96.56	3,589.6	1,472.5	665.0	513.8	151.16	4.399	
11,500.0	6,947.0	11,340.1	7,022.8	82.8	79.4	-96.55	3,689.6	1,472.1	664.9	510.1	154.82	4.295	
11,600.0	6,946.5	11,440.1	7,022.2	84.5	81.2	-96.54	3,789.6	1,471.7	664.9	506.4	158.48	4.196	
11,700.0	6,946.0	11,540.1	7,021.6	86.2	83.0	-96.53	3,889.6	1,471.3	664.8	502.7	162.15	4.100	
11,800.0	6,945.5	11,640.1	7,021.0	87.9	84.8	-96.52	3,989.6	1,470.9	664.8	499.0	165.82	4.009	
11,876.0	6,945.1	11,716.1	7,020.5	89.3	86.2	-96.51	4,065.6	1,470.6	664.8	496.1	168.62	3.942 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	-120.81	-7.6	-12.8	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-120.81	-7.6	-12.8	14.9	14.7	0.22	66.316		
200.0	200.0	200.0	200.0	0.3	0.3	-120.81	-7.6	-12.8	14.9	14.2	0.67	22.105		
300.0	300.0	300.0	300.0	0.6	0.6	-120.81	-7.6	-12.8	14.9	13.8	1.12	13.263		
400.0	400.0	400.0	400.0	0.8	0.8	-120.81	-7.6	-12.8	14.9	13.3	1.57	9.474		
500.0	500.0	500.0	500.0	1.0	1.0	-120.81	-7.6	-12.8	14.9	12.9	2.02	7.368		
600.0	600.0	600.0	600.0	1.2	1.2	-120.81	-7.6	-12.8	14.9	12.4	2.47	6.029		
700.0	700.0	700.0	700.0	1.5	1.5	-120.81	-7.6	-12.8	14.9	12.0	2.92	5.101		
800.0	800.0	800.0	800.0	1.7	1.7	-120.81	-7.6	-12.8	14.9	11.5	3.37	4.421 CC, ES		
900.0	900.0	900.0	900.0	1.9	1.9	133.14	-7.6	-12.8	16.0	12.2	3.80	4.219		
1,000.0	999.8	999.8	999.8	2.1	2.1	144.10	-7.6	-12.8	20.0	15.8	4.22	4.737		
1,100.0	1,099.5	1,100.3	1,100.2	2.3	2.3	153.03	-8.3	-11.2	26.0	21.4	4.62	5.625		
1,200.0	1,198.7	1,200.9	1,200.8	2.6	2.5	158.30	-10.4	-6.3	32.4	27.4	5.01	6.473		
1,300.0	1,297.5	1,301.9	1,301.3	2.8	2.8	161.61	-13.9	1.8	39.1	33.6	5.41	7.222		
1,400.0	1,395.6	1,403.0	1,401.7	3.2	3.0	163.79	-18.7	13.2	45.8	40.0	5.82	7.868		
1,500.0	1,493.1	1,504.5	1,501.9	3.5	3.3	165.25	-25.0	28.0	52.5	46.3	6.24	8.416		
1,600.0	1,589.6	1,606.1	1,601.6	4.0	3.6	166.25	-32.7	46.0	59.3	52.6	6.69	8.871		
1,700.0	1,685.3	1,708.1	1,700.9	4.5	4.0	166.91	-41.7	67.3	66.1	58.9	7.15	9.240		
1,800.0	1,779.8	1,810.2	1,799.5	5.1	4.4	167.34	-52.2	91.9	72.8	65.2	7.64	9.527		
1,900.0	1,873.2	1,912.6	1,897.3	5.8	4.9	167.59	-64.1	119.8	79.5	71.3	8.16	9.736		
1,917.9	1,889.8	1,931.0	1,914.7	5.9	5.0	167.62	-66.4	125.2	80.7	72.4	8.26	9.765		
2,000.0	1,965.7	2,015.0	1,993.9	6.5	5.5	167.56	-77.3	150.9	85.0	76.2	8.77	9.689		
2,100.0	2,058.2	2,114.9	2,087.7	7.2	6.1	167.32	-90.7	182.4	89.2	79.8	9.42	9.468		
2,200.0	2,150.6	2,214.8	2,181.6	8.0	6.8	167.11	-104.2	213.9	93.4	83.3	10.09	9.255		
2,300.0	2,243.1	2,314.7	2,275.4	8.8	7.4	166.91	-117.6	245.5	97.6	86.8	10.78	9.055		
2,400.0	2,335.6	2,414.6	2,369.3	9.6	8.1	166.73	-131.0	277.0	101.8	90.4	11.49	8.867		
2,500.0	2,428.1	2,514.5	2,463.2	10.3	8.8	166.56	-144.4	308.5	106.1	93.9	12.20	8.693		
2,600.0	2,520.6	2,614.5	2,557.0	11.1	9.5	166.41	-157.8	340.1	110.3	97.4	12.93	8.531		
2,700.0	2,613.0	2,714.4	2,650.9	11.9	10.2	166.27	-171.3	371.6	114.5	100.8	13.66	8.380		
2,800.0	2,705.5	2,814.3	2,744.7	12.7	10.9	166.13	-184.7	403.1	118.7	104.3	14.41	8.241		
2,900.0	2,798.0	2,914.2	2,838.6	13.5	11.6	166.01	-198.1	434.6	123.0	107.8	15.16	8.111		
3,000.0	2,890.5	3,014.1	2,932.4	14.3	12.3	165.89	-211.5	466.2	127.2	111.3	15.92	7.991		
3,100.0	2,983.0	3,114.0	3,026.3	15.2	13.0	165.79	-224.9	497.7	131.4	114.7	16.68	7.879		
3,200.0	3,075.5	3,213.9	3,120.1	16.0	13.8	165.69	-238.4	529.2	135.6	118.2	17.44	7.775		
3,300.0	3,167.9	3,313.8	3,214.0	16.8	14.5	165.59	-251.8	560.7	139.9	121.6	18.22	7.678		
3,400.0	3,260.4	3,413.7	3,307.8	17.6	15.2	165.50	-265.2	592.3	144.1	125.1	18.99	7.587		
3,500.0	3,352.9	3,513.6	3,401.7	18.4	15.9	165.42	-278.6	623.8	148.3	128.5	19.77	7.503		
3,600.0	3,445.4	3,613.6	3,495.5	19.2	16.6	165.34	-292.0	655.3	152.5	132.0	20.55	7.423		
3,700.0	3,537.9	3,713.5	3,589.4	20.0	17.4	165.26	-305.5	686.9	156.8	135.4	21.33	7.348		
3,800.0	3,630.4	3,813.4	3,683.2	20.8	18.1	165.19	-318.9	718.4	161.0	138.9	22.12	7.278		
3,900.0	3,722.8	3,913.3	3,777.1	21.7	18.8	165.12	-332.3	749.9	165.2	142.3	22.91	7.212		
4,000.0	3,815.3	4,013.2	3,870.9	22.5	19.6	165.06	-345.7	781.4	169.4	145.7	23.70	7.150		
4,100.0	3,907.8	4,113.1	3,964.8	23.3	20.3	165.00	-359.1	813.0	173.7	149.2	24.49	7.091		
4,200.0	4,000.3	4,213.0	4,058.6	24.1	21.0	164.94	-372.6	844.5	177.9	152.6	25.29	7.036		
4,300.0	4,092.8	4,312.9	4,152.5	24.9	21.7	164.88	-386.0	876.0	182.1	156.0	26.08	6.983		
4,400.0	4,185.2	4,412.8	4,246.3	25.8	22.5	164.83	-399.4	907.6	186.4	159.5	26.88	6.933		
4,500.0	4,277.7	4,512.7	4,340.2	26.6	23.2	164.78	-412.8	939.1	190.6	162.9	27.68	6.886		
4,600.0	4,370.2	4,612.7	4,434.0	27.4	23.9	164.73	-426.3	970.6	194.8	166.3	28.48	6.841		
4,700.0	4,462.7	4,712.6	4,527.9	28.2	24.7	164.69	-439.7	1,002.1	199.0	169.8	29.28	6.798		
4,800.0	4,555.2	4,812.5	4,621.7	29.0	25.4	164.64	-453.1	1,033.7	203.3	173.2	30.08	6.757		
4,900.0	4,647.7	4,912.4	4,715.6	29.9	26.1	164.60	-466.5	1,065.2	207.5	176.6	30.88	6.719		
5,000.0	4,740.1	5,012.3	4,809.4	30.7	26.9	164.56	-479.9	1,096.7	211.7	180.0	31.69	6.682		

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0ft
Survey Program: 0-MWD												Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.0	4,832.6	5,112.2	4,903.3	31.5	27.6	164.52	-493.4	1,128.2	216.0	183.5	32.49	6.646	
5,200.0	4,925.1	5,212.1	4,997.1	32.3	28.3	164.48	-506.8	1,159.8	220.2	186.9	33.30	6.612	
5,300.0	5,017.6	5,312.0	5,091.0	33.1	29.1	164.44	-520.2	1,191.3	224.4	190.3	34.11	6.580	
5,400.0	5,110.1	5,411.9	5,184.8	34.0	29.8	164.41	-533.6	1,222.8	228.6	193.7	34.91	6.549	
5,500.0	5,202.6	5,511.9	5,278.7	34.8	30.5	164.38	-547.0	1,254.4	232.9	197.2	35.72	6.519	
5,600.0	5,295.0	5,611.8	5,372.5	35.6	31.3	164.34	-560.5	1,285.9	237.1	200.6	36.53	6.491	
5,700.0	5,387.5	5,711.7	5,466.4	36.4	32.0	164.31	-573.9	1,317.4	241.3	204.0	37.34	6.463	
5,800.0	5,480.0	5,811.6	5,560.2	37.3	32.7	164.28	-587.3	1,348.9	245.6	207.4	38.15	6.437	
5,900.0	5,572.5	5,911.5	5,654.1	38.1	33.5	164.25	-600.7	1,380.5	249.8	210.8	38.96	6.412	
6,000.0	5,665.0	6,011.4	5,747.9	38.9	34.2	164.22	-614.1	1,412.0	254.0	214.3	39.77	6.387	
6,100.0	5,757.4	6,111.3	5,841.8	39.7	34.9	164.20	-627.6	1,443.5	258.3	217.7	40.58	6.364	
6,200.0	5,849.9	6,211.2	5,935.6	40.5	35.7	164.17	-641.0	1,475.0	262.5	221.1	41.40	6.341	
6,300.0	5,942.4	6,311.1	6,029.5	41.4	36.4	164.14	-654.4	1,506.6	266.7	224.5	42.21	6.319	
6,400.0	6,034.9	6,411.0	6,123.3	42.2	37.2	164.12	-667.8	1,538.1	270.9	227.9	43.02	6.298	
6,500.0	6,127.4	6,510.3	6,216.6	43.0	37.9	164.18	-680.7	1,569.4	275.2	231.4	43.77	6.288	
6,583.8	6,204.9	6,591.0	6,293.0	43.7	38.3	165.65	-684.3	1,595.1	279.4	235.9	43.49	6.425	
6,600.0	6,219.9	6,606.4	6,307.6	43.8	38.4	169.19	-684.0	1,599.9	280.3	237.0	43.30	6.475	
6,650.0	6,266.4	6,653.5	6,352.2	44.1	38.6	-179.30	-680.9	1,614.9	283.3	240.6	42.75	6.627	
6,700.0	6,313.1	6,700.0	6,395.9	44.5	38.8	-167.42	-674.8	1,629.5	286.5	244.2	42.29	6.773	
6,750.0	6,359.7	6,746.7	6,439.3	44.7	39.0	-155.85	-665.7	1,644.0	289.7	247.8	41.92	6.911	
6,800.0	6,405.9	6,792.7	6,481.4	45.0	39.2	-145.24	-653.8	1,658.1	293.0	251.4	41.64	7.037	
6,850.0	6,451.7	6,838.4	6,522.5	45.2	39.3	-135.90	-639.2	1,671.8	296.4	254.9	41.45	7.151	
6,900.0	6,496.7	6,883.7	6,562.3	45.5	39.4	-127.92	-622.0	1,685.1	299.8	258.4	41.33	7.253	
6,950.0	6,540.7	6,928.8	6,600.7	45.6	39.5	-121.20	-602.3	1,697.9	303.1	261.8	41.27	7.345	
7,000.0	6,583.5	6,973.6	6,637.7	45.8	39.6	-115.56	-580.3	1,710.2	306.4	265.1	41.25	7.428	
7,050.0	6,624.9	7,018.1	6,673.2	46.0	39.7	-110.83	-556.0	1,722.0	309.6	268.3	41.26	7.503	
7,100.0	6,664.7	7,062.4	6,706.9	46.1	39.7	-106.86	-529.6	1,733.2	312.6	271.3	41.29	7.571	
7,150.0	6,702.8	7,106.6	6,738.9	46.2	39.8	-103.50	-501.1	1,743.8	315.5	274.2	41.33	7.634	
7,200.0	6,738.8	7,150.0	6,768.7	46.3	39.8	-100.67	-471.1	1,753.7	318.3	276.9	41.38	7.691	
7,250.0	6,772.7	7,194.3	6,797.3	46.3	39.8	-98.27	-438.7	1,763.1	320.8	279.3	41.45	7.740	
7,300.0	6,804.3	7,237.9	6,823.6	46.4	39.8	-96.26	-404.9	1,771.8	323.1	281.6	41.53	7.780	
7,350.0	6,833.4	7,281.5	6,847.8	46.4	39.8	-94.57	-369.6	1,779.7	325.2	283.6	41.64	7.811	
7,400.0	6,859.9	7,324.9	6,869.9	46.4	39.8	-93.17	-332.9	1,787.0	327.0	285.3	41.78	7.828	
7,450.0	6,883.6	7,368.3	6,889.8	46.4	39.8	-92.03	-294.9	1,793.5	328.6	286.6	41.97	7.830	
7,500.0	6,904.5	7,411.6	6,907.5	46.4	39.8	-91.12	-255.8	1,799.3	329.9	287.7	42.21	7.815	
7,550.0	6,922.4	7,454.9	6,922.9	46.4	39.7	-90.44	-215.7	1,804.3	330.9	288.4	42.53	7.781	
7,600.0	6,937.2	7,500.0	6,936.4	46.3	39.7	-89.95	-172.9	1,808.6	331.6	288.7	42.93	7.725	
7,650.0	6,949.0	7,541.5	6,946.6	46.3	39.6	-89.65	-132.8	1,811.9	332.1	288.7	43.41	7.650	
7,700.0	6,957.5	7,584.8	6,954.9	46.2	39.6	-89.54	-90.4	1,814.5	332.2	288.2	43.98	7.555	
7,750.0	6,962.9	7,628.2	6,960.7	46.2	39.5	-89.61	-47.4	1,816.2	332.1	287.5	44.63	7.441	
7,800.0	6,965.0	7,671.7	6,964.1	46.1	39.5	-89.84	-4.1	1,817.2	331.7	286.3	45.35	7.313	
7,810.9	6,965.0	7,681.1	6,964.5	46.1	39.5	-89.92	5.3	1,817.3	331.5	286.0	45.52	7.283	
7,844.8	6,964.8	7,710.7	6,965.0	46.1	39.4	-90.03	34.9	1,817.3	331.3	285.6	45.79	7.237	
7,900.0	6,964.6	7,765.7	6,964.7	46.0	39.4	-90.03	89.9	1,817.0	331.4	285.2	46.23	7.170	
8,000.0	6,964.1	7,865.7	6,964.3	45.9	39.3	-90.03	189.9	1,816.4	331.6	284.4	47.16	7.032	
8,100.0	6,963.6	7,965.7	6,963.8	45.9	39.3	-90.03	289.9	1,815.8	331.7	283.4	48.36	6.861	
8,200.0	6,963.1	8,065.7	6,963.3	45.9	39.3	-90.03	389.9	1,815.2	331.9	282.1	49.82	6.662	
8,300.0	6,962.6	8,165.7	6,962.8	46.0	39.5	-90.03	489.9	1,814.6	332.1	280.5	51.53	6.444	
8,400.0	6,962.1	8,265.7	6,962.3	46.1	39.7	-90.03	589.9	1,814.0	332.2	278.8	53.46	6.214	
8,500.0	6,961.6	8,365.7	6,961.8	46.3	40.0	-90.03	689.9	1,813.4	332.4	276.8	55.60	5.978	
8,600.0	6,961.1	8,465.7	6,961.3	46.6	40.4	-90.03	789.9	1,812.8	332.5	274.6	57.91	5.743	
8,700.0	6,960.7	8,565.7	6,960.8	46.9	40.9	-90.03	889.8	1,812.2	332.7	272.3	60.37	5.511	

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix P-29HN - Wellbore #1 - Plan #1 (10-02-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
8,800.0	6,960.2	8,665.7	6,960.3	47.4	41.5	-90.03	989.8	1,811.6	332.8	269.9	62.98	5.285	
8,900.0	6,959.7	8,765.7	6,959.9	47.9	42.2	-90.03	1,089.8	1,811.0	333.0	267.3	65.71	5.068	
9,000.0	6,959.2	8,865.7	6,959.4	48.5	43.1	-90.03	1,189.8	1,810.5	333.2	264.6	68.54	4.861	
9,100.0	6,958.7	8,965.7	6,958.9	49.2	44.0	-90.03	1,289.8	1,809.9	333.3	261.8	71.47	4.664	
9,200.0	6,958.2	9,065.7	6,958.4	49.9	45.0	-90.03	1,389.8	1,809.3	333.5	259.0	74.49	4.477	
9,300.0	6,957.7	9,165.7	6,957.9	50.8	46.2	-90.03	1,489.8	1,808.7	333.6	256.1	77.57	4.301	
9,400.0	6,957.2	9,265.7	6,957.4	51.8	47.4	-90.03	1,589.8	1,808.1	333.8	253.1	80.73	4.135	
9,500.0	6,956.7	9,365.7	6,956.9	52.8	48.6	-90.03	1,689.8	1,807.5	333.9	250.0	83.94	3.979	
9,600.0	6,956.3	9,465.7	6,956.4	53.9	50.0	-90.03	1,789.8	1,806.9	334.1	246.9	87.20	3.832	
9,700.0	6,955.8	9,565.7	6,955.9	55.1	51.4	-90.03	1,889.8	1,806.3	334.3	243.8	90.51	3.693	
9,800.0	6,955.3	9,665.7	6,955.5	56.4	52.8	-90.03	1,989.8	1,805.7	334.4	240.6	93.86	3.563	
9,900.0	6,954.8	9,765.7	6,955.0	57.7	54.3	-90.03	2,089.8	1,805.1	334.6	237.3	97.24	3.441	
10,000.0	6,954.3	9,865.7	6,954.5	59.0	55.8	-90.03	2,189.8	1,804.5	334.7	234.1	100.66	3.325	
10,100.0	6,953.8	9,965.7	6,954.0	60.4	57.3	-90.03	2,289.8	1,803.9	334.9	230.8	104.11	3.217	
10,200.0	6,953.3	10,065.7	6,953.5	61.8	58.9	-90.03	2,389.8	1,803.3	335.0	227.5	107.59	3.114	
10,300.0	6,952.8	10,165.7	6,953.0	63.3	60.5	-90.03	2,489.8	1,802.7	335.2	224.1	111.09	3.018	
10,400.0	6,952.3	10,265.7	6,952.5	64.8	62.1	-90.03	2,589.8	1,802.1	335.4	220.8	114.61	2.926	
10,500.0	6,951.9	10,365.7	6,952.0	66.3	63.7	-90.03	2,689.8	1,801.6	335.5	217.4	118.15	2.840	
10,600.0	6,951.4	10,465.7	6,951.5	67.9	65.3	-90.03	2,789.8	1,801.0	335.7	214.0	121.71	2.758	
10,700.0	6,950.9	10,565.7	6,951.1	69.5	67.0	-90.03	2,889.8	1,800.4	335.8	210.5	125.29	2.680	
10,800.0	6,950.4	10,665.7	6,950.6	71.1	68.7	-90.03	2,989.8	1,799.8	336.0	207.1	128.88	2.607	
10,900.0	6,949.9	10,765.7	6,950.1	72.7	70.4	-90.03	3,089.8	1,799.2	336.1	203.7	132.49	2.537	
11,000.0	6,949.4	10,865.7	6,949.6	74.3	72.1	-90.03	3,189.8	1,798.6	336.3	200.2	136.11	2.471	
11,100.0	6,948.9	10,965.7	6,949.1	76.0	73.8	-90.03	3,289.8	1,798.0	336.5	196.7	139.75	2.408	
11,200.0	6,948.4	11,065.7	6,948.6	77.7	75.5	-90.03	3,389.8	1,797.4	336.6	193.2	143.39	2.348	
11,300.0	6,947.9	11,165.7	6,948.1	79.4	77.3	-90.03	3,489.8	1,796.8	336.8	189.7	147.05	2.290	
11,400.0	6,947.5	11,265.7	6,947.6	81.0	79.0	-90.03	3,589.8	1,796.2	336.9	186.2	150.71	2.236	
11,500.0	6,947.0	11,365.7	6,947.1	82.8	80.8	-90.03	3,689.8	1,795.6	337.1	182.7	154.38	2.183	
11,600.0	6,946.5	11,465.7	6,946.7	84.5	82.6	-90.03	3,789.8	1,795.0	337.2	179.2	158.06	2.134	
11,700.0	6,946.0	11,565.7	6,946.2	86.2	84.3	-90.03	3,889.8	1,794.4	337.4	175.7	161.75	2.086	
11,800.0	6,945.5	11,665.7	6,945.7	87.9	86.1	-90.03	3,989.8	1,793.8	337.6	172.1	165.45	2.040	
11,876.0	6,945.1	11,741.7	6,945.3	89.3	87.5	-90.03	4,065.8	1,793.4	337.7	169.4	168.26	2.007 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix R-29HN - Wellbore #1 - Plan #1 (10-08-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (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	59.66	7.7	13.1	15.2	15.2	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	59.66	7.7	13.1	15.2	14.9	0.22	67.428		
200.0	200.0	200.0	200.0	0.3	0.3	59.66	7.7	13.1	15.2	14.5	0.67	22.476		
300.0	300.0	300.0	300.0	0.6	0.6	59.66	7.7	13.1	15.2	14.0	1.12	13.486		
400.0	400.0	400.0	400.0	0.8	0.8	59.66	7.7	13.1	15.2	13.6	1.57	9.633		
500.0	500.0	500.0	500.0	1.0	1.0	59.66	7.7	13.1	15.2	13.1	2.02	7.492		
600.0	600.0	600.0	600.0	1.2	1.2	59.66	7.7	13.1	15.2	12.7	2.47	6.130 CC, ES		
700.0	700.0	699.6	699.6	1.5	1.4	64.34	7.1	14.7	16.3	13.4	2.90	5.621		
800.0	800.0	799.0	798.8	1.7	1.6	74.81	5.3	19.6	20.3	17.0	3.33	6.104		
900.0	900.0	898.1	897.5	1.9	1.9	-27.51	2.4	27.7	26.3	22.6	3.74	7.038		
1,000.0	999.8	996.9	995.6	2.1	2.1	-22.30	-1.6	38.9	32.7	28.5	4.14	7.885		
1,100.0	1,099.5	1,095.5	1,093.0	2.3	2.4	-18.92	-6.8	53.3	39.2	34.6	4.56	8.594		
1,200.0	1,198.7	1,193.9	1,189.6	2.6	2.7	-16.61	-13.1	70.8	45.8	40.8	4.99	9.174		
1,300.0	1,297.5	1,292.0	1,285.3	2.8	3.1	-14.96	-20.5	91.3	52.4	46.9	5.43	9.638		
1,400.0	1,395.6	1,389.9	1,380.0	3.2	3.6	-13.76	-29.0	114.9	58.9	53.1	5.89	10.000		
1,500.0	1,493.1	1,487.6	1,473.5	3.5	4.1	-12.87	-38.5	141.4	65.5	59.1	6.37	10.273		
1,600.0	1,589.6	1,585.1	1,565.8	4.0	4.7	-12.21	-49.1	170.9	72.0	65.1	6.88	10.466		
1,700.0	1,685.3	1,682.4	1,656.9	4.5	5.3	-11.71	-60.8	203.2	78.4	71.0	7.40	10.598		
1,800.0	1,779.8	1,779.5	1,746.5	5.1	6.1	-11.34	-73.4	238.3	84.7	76.8	7.95	10.655		
1,900.0	1,873.2	1,878.5	1,836.9	5.8	6.9	-11.16	-87.1	276.4	90.1	81.6	8.54	10.556		
1,917.9	1,889.8	1,896.4	1,853.2	5.9	7.0	-11.18	-89.6	283.2	90.8	82.1	8.65	10.496		
2,000.0	1,965.7	1,978.5	1,928.1	6.5	7.7	-11.28	-100.9	314.8	93.4	84.2	9.21	10.145		
2,100.0	2,058.2	2,078.4	2,019.3	7.2	8.6	-11.39	-114.8	353.3	96.6	86.7	9.90	9.756		
2,200.0	2,150.6	2,178.4	2,110.5	8.0	9.4	-11.50	-128.6	391.8	99.9	89.2	10.62	9.405		
2,300.0	2,243.1	2,278.3	2,201.7	8.8	10.3	-11.60	-142.5	430.3	103.1	91.7	11.34	9.089		
2,400.0	2,335.6	2,378.3	2,292.8	9.6	11.1	-11.69	-156.3	468.8	106.3	94.2	12.08	8.803		
2,500.0	2,428.1	2,478.2	2,384.0	10.3	12.0	-11.78	-170.2	507.3	109.5	96.7	12.82	8.545		
2,600.0	2,520.6	2,578.2	2,475.2	11.1	12.9	-11.87	-184.0	545.7	112.8	99.2	13.57	8.310		
2,700.0	2,613.0	2,678.1	2,566.4	11.9	13.8	-11.94	-197.8	584.2	116.0	101.7	14.33	8.097		
2,800.0	2,705.5	2,778.0	2,657.6	12.7	14.6	-12.02	-211.7	622.7	119.2	104.1	15.09	7.902		
2,900.0	2,798.0	2,878.0	2,748.8	13.5	15.5	-12.09	-225.5	661.2	122.5	106.6	15.85	7.723		
3,000.0	2,890.5	2,977.9	2,840.0	14.3	16.4	-12.16	-239.4	699.7	125.7	109.1	16.63	7.560		
3,100.0	2,983.0	3,077.9	2,931.2	15.2	17.3	-12.22	-253.2	738.2	128.9	111.5	17.40	7.408		
3,200.0	3,075.5	3,177.8	3,022.4	16.0	18.2	-12.28	-267.1	776.6	132.1	114.0	18.18	7.269		
3,300.0	3,167.9	3,277.8	3,113.6	16.8	19.0	-12.34	-280.9	815.1	135.4	116.4	18.96	7.140		
3,400.0	3,260.4	3,377.7	3,204.8	17.6	19.9	-12.39	-294.8	853.6	138.6	118.9	19.74	7.020		
3,500.0	3,352.9	3,477.7	3,296.0	18.4	20.8	-12.45	-308.6	892.1	141.8	121.3	20.53	6.909		
3,600.0	3,445.4	3,577.6	3,387.2	19.2	21.7	-12.50	-322.5	930.6	145.1	123.7	21.32	6.805		
3,700.0	3,537.9	3,677.6	3,478.4	20.0	22.6	-12.55	-336.3	969.1	148.3	126.2	22.11	6.708		
3,800.0	3,630.4	3,777.5	3,569.6	20.8	23.5	-12.59	-350.2	1,007.5	151.5	128.6	22.90	6.617		
3,900.0	3,722.8	3,877.5	3,660.8	21.7	24.4	-12.64	-364.0	1,046.0	154.8	131.1	23.69	6.531		
4,000.0	3,815.3	3,977.4	3,752.0	22.5	25.2	-12.68	-377.9	1,084.5	158.0	133.5	24.49	6.451		
4,100.0	3,907.8	4,077.4	3,843.2	23.3	26.1	-12.72	-391.7	1,123.0	161.2	135.9	25.29	6.376		
4,200.0	4,000.3	4,177.3	3,934.4	24.1	27.0	-12.76	-405.5	1,161.5	164.4	138.4	26.08	6.304		
4,300.0	4,092.8	4,277.3	4,025.6	24.9	27.9	-12.79	-419.4	1,200.0	167.7	140.8	26.88	6.237		
4,400.0	4,185.2	4,377.2	4,116.8	25.8	28.8	-12.83	-433.2	1,238.4	170.9	143.2	27.68	6.174		
4,500.0	4,277.7	4,477.2	4,208.0	26.6	29.7	-12.87	-447.1	1,276.9	174.1	145.7	28.49	6.113		
4,600.0	4,370.2	4,577.1	4,299.2	27.4	30.6	-12.90	-460.9	1,315.4	177.4	148.1	29.29	6.056		
4,700.0	4,462.7	4,677.1	4,390.4	28.2	31.5	-12.93	-474.8	1,353.9	180.6	150.5	30.09	6.002		
4,800.0	4,555.2	4,777.0	4,481.6	29.0	32.4	-12.96	-488.6	1,392.4	183.8	152.9	30.90	5.950		
4,900.0	4,647.7	4,877.0	4,572.8	29.9	33.2	-12.99	-502.5	1,430.9	187.1	155.4	31.70	5.901		
5,000.0	4,740.1	4,976.9	4,664.0	30.7	34.1	-13.02	-516.3	1,469.3	190.3	157.8	32.51	5.854		

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0ft
Survey Program: 0-MWD												Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.0	4,832.6	5,076.8	4,755.2	31.5	35.0	-13.05	-530.2	1,507.8	193.5	160.2	33.31	5.810	
5,200.0	4,925.1	5,176.8	4,846.4	32.3	35.9	-13.08	-544.0	1,546.3	196.8	162.6	34.12	5.767	
5,300.0	5,017.6	5,276.7	4,937.6	33.1	36.8	-13.10	-557.9	1,584.8	200.0	165.1	34.93	5.726	
5,400.0	5,110.1	5,376.7	5,028.7	34.0	37.7	-13.13	-571.7	1,623.3	203.2	167.5	35.73	5.687	
5,500.0	5,202.6	5,476.6	5,119.9	34.8	38.6	-13.15	-585.5	1,661.8	206.5	169.9	36.54	5.650	
5,600.0	5,295.0	5,576.6	5,211.1	35.6	39.5	-13.18	-599.4	1,700.2	209.7	172.3	37.35	5.614	
5,700.0	5,387.5	5,676.5	5,302.3	36.4	40.4	-13.20	-613.2	1,738.7	212.9	174.8	38.16	5.579	
5,800.0	5,480.0	5,776.5	5,393.5	37.3	41.3	-13.22	-627.1	1,777.2	216.2	177.2	38.97	5.546	
5,900.0	5,572.5	5,876.4	5,484.7	38.1	42.2	-13.24	-640.9	1,815.7	219.4	179.6	39.78	5.515	
6,000.0	5,665.0	5,976.4	5,575.9	38.9	43.0	-13.27	-654.8	1,854.2	222.6	182.0	40.59	5.484	
6,100.0	5,757.4	6,076.3	5,667.1	39.7	43.9	-13.29	-668.6	1,892.7	225.8	184.4	41.40	5.455	
6,200.0	5,849.9	6,176.3	5,758.3	40.5	44.8	-13.31	-682.5	1,931.1	229.1	186.9	42.22	5.426	
6,300.0	5,942.4	6,276.2	5,849.5	41.4	45.7	-13.33	-696.3	1,969.6	232.3	189.3	43.03	5.399	
6,400.0	6,034.9	6,376.2	5,940.7	42.2	46.6	-13.34	-710.2	2,008.1	235.5	191.7	43.84	5.373	
6,500.0	6,127.4	6,476.1	6,031.9	43.0	47.5	-13.36	-724.0	2,046.6	238.8	194.1	44.65	5.347	
6,583.8	6,204.9	6,559.9	6,108.3	43.7	48.2	-13.38	-735.6	2,078.8	241.5	196.1	45.33	5.327	
6,600.0	6,219.9	6,576.1	6,123.1	43.8	48.4	-10.36	-737.9	2,085.1	242.0	196.6	45.46	5.323	
6,650.0	6,266.4	6,625.9	6,168.6	44.1	48.8	0.09	-744.8	2,104.3	244.0	198.4	45.54	5.357	
6,700.0	6,313.1	6,675.5	6,213.8	44.5	49.3	11.72	-751.6	2,123.4	246.4	201.2	45.21	5.451	
6,750.0	6,359.7	6,724.4	6,258.5	44.7	49.7	23.76	-758.4	2,142.2	249.6	205.0	44.60	5.597	
6,800.0	6,405.9	6,773.2	6,303.0	45.0	50.1	35.52	-765.1	2,161.0	253.9	210.0	43.89	5.785	
6,850.0	6,451.7	6,825.7	6,351.2	45.2	50.5	46.38	-769.9	2,181.3	259.1	215.8	43.33	5.980	
6,900.0	6,496.7	6,879.5	6,400.7	45.5	50.9	55.82	-770.8	2,202.3	265.0	221.9	43.06	6.154	
6,950.0	6,540.7	6,934.5	6,451.2	45.6	51.3	63.93	-767.6	2,223.7	271.3	228.3	42.98	6.313	
7,000.0	6,583.5	6,990.9	6,502.7	45.8	51.6	70.88	-759.9	2,245.5	278.1	235.0	43.02	6.464	
7,050.0	6,624.9	7,048.8	6,554.7	46.0	51.9	76.82	-747.5	2,267.5	285.0	242.0	43.08	6.617	
7,100.0	6,664.7	7,108.0	6,606.8	46.1	52.2	81.91	-730.1	2,289.7	292.2	249.1	43.09	6.780	
7,150.0	6,702.8	7,168.8	6,658.6	46.2	52.4	86.28	-707.4	2,311.7	299.3	256.2	43.02	6.957	
7,200.0	6,738.8	7,231.0	6,709.7	46.3	52.7	90.03	-679.4	2,333.5	306.2	263.4	42.82	7.151	
7,250.0	6,772.7	7,294.6	6,759.4	46.3	52.9	93.23	-645.9	2,354.7	312.9	270.4	42.49	7.363	
7,300.0	6,804.3	7,359.6	6,807.1	46.4	53.0	95.94	-606.7	2,375.1	319.1	277.0	42.06	7.586	
7,350.0	6,833.4	7,425.9	6,852.2	46.4	53.1	98.22	-562.2	2,394.5	324.8	283.2	41.56	7.815	
7,400.0	6,859.9	7,493.5	6,894.1	46.4	53.2	100.09	-512.3	2,412.5	329.9	288.8	41.04	8.037	
7,450.0	6,883.6	7,562.0	6,931.9	46.4	53.3	101.60	-457.6	2,428.8	334.2	293.6	40.57	8.237	
7,500.0	6,904.5	7,631.4	6,965.1	46.4	53.3	102.76	-398.4	2,443.2	337.6	297.4	40.22	8.396	
7,550.0	6,922.4	7,701.5	6,993.1	46.4	53.3	103.59	-335.4	2,455.4	340.2	300.2	40.05	8.495	
7,600.0	6,937.2	7,771.9	7,015.4	46.3	53.3	104.11	-269.4	2,465.3	341.9	301.7	40.14	8.516	
7,650.0	6,949.0	7,842.5	7,031.6	46.3	53.2	104.32	-201.1	2,472.5	342.6	302.0	40.54	8.451	
7,700.0	6,957.5	7,912.9	7,041.6	46.2	53.1	104.24	-131.5	2,477.2	342.3	301.0	41.26	8.296	
7,750.0	6,962.9	7,983.1	7,045.2	46.2	53.1	103.87	-61.5	2,479.1	341.1	298.8	42.30	8.063	
7,800.0	6,965.0	8,039.9	7,044.2	46.1	53.0	103.49	-4.8	2,479.0	339.6	296.2	43.39	7.828	
7,810.9	6,965.0	8,050.7	7,043.9	46.1	53.0	103.45	6.1	2,479.0	339.5	295.9	43.60	7.787	
7,900.0	6,964.6	8,139.8	7,041.7	46.0	52.8	103.16	95.2	2,478.6	339.1	295.0	44.11	7.689	
8,000.0	6,964.1	8,239.8	7,039.3	45.9	52.8	102.83	195.1	2,478.2	338.7	293.7	44.98	7.530	
8,100.0	6,963.6	8,339.8	7,036.8	45.9	52.7	102.51	295.1	2,477.7	338.2	292.1	46.15	7.329	
8,200.0	6,963.1	8,439.8	7,034.4	45.9	52.7	102.19	395.0	2,477.3	337.8	290.2	47.61	7.095	
8,300.0	6,962.6	8,539.8	7,031.9	46.0	52.7	101.86	495.0	2,476.8	337.4	288.1	49.32	6.840	
8,400.0	6,962.1	8,639.7	7,029.5	46.1	52.8	101.53	594.9	2,476.4	337.0	285.7	51.27	6.572	
8,500.0	6,961.6	8,739.7	7,027.0	46.3	53.0	101.21	694.9	2,475.9	336.6	283.2	53.43	6.299	
8,600.0	6,961.1	8,839.7	7,024.6	46.6	53.1	100.88	794.8	2,475.5	336.2	280.4	55.78	6.027	
8,700.0	6,960.7	8,939.7	7,022.1	46.9	53.4	100.55	894.8	2,475.1	335.8	277.5	58.30	5.761	
8,800.0	6,960.2	9,039.7	7,019.7	47.4	53.7	100.22	994.7	2,474.6	335.5	274.5	60.96	5.503	

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix R-29HN - Wellbore #1 - Plan #1 (10-08-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
8,900.0	6,959.7	9,139.6	7,017.2	47.9	54.1	99.89	1,094.7	2,474.2	335.1	271.4	63.75	5.257	
9,000.0	6,959.2	9,239.6	7,014.8	48.5	54.5	99.56	1,194.6	2,473.7	334.8	268.1	66.66	5.023	
9,100.0	6,958.7	9,339.6	7,012.3	49.2	55.0	99.23	1,294.6	2,473.3	334.5	264.8	69.66	4.801	
9,200.0	6,958.2	9,439.6	7,009.9	49.9	55.6	98.90	1,394.5	2,472.9	334.2	261.4	72.75	4.593	
9,300.0	6,957.7	9,539.6	7,007.4	50.8	56.3	98.56	1,494.5	2,472.4	333.9	257.9	75.93	4.397	
9,400.0	6,957.2	9,639.6	7,005.0	51.8	57.0	98.23	1,594.4	2,472.0	333.6	254.4	79.17	4.213	
9,500.0	6,956.7	9,739.5	7,002.5	52.8	57.8	97.90	1,694.4	2,471.5	333.3	250.8	82.47	4.041	
9,600.0	6,956.3	9,839.5	7,000.1	53.9	58.7	97.56	1,794.3	2,471.1	333.0	247.2	85.83	3.880	
9,700.0	6,955.8	9,939.5	6,997.6	55.1	59.7	97.23	1,894.3	2,470.7	332.8	243.5	89.24	3.729	
9,800.0	6,955.3	10,039.5	6,995.2	56.4	60.7	96.89	1,994.2	2,470.2	332.5	239.8	92.69	3.587	
9,900.0	6,954.8	10,139.5	6,992.7	57.7	61.8	96.55	2,094.2	2,469.8	332.3	236.1	96.17	3.455	
10,000.0	6,954.3	10,239.4	6,990.3	59.0	63.0	96.22	2,194.1	2,469.3	332.0	232.3	99.70	3.331	
10,100.0	6,953.8	10,339.4	6,987.8	60.4	64.2	95.88	2,294.1	2,468.9	331.8	228.6	103.25	3.214	
10,200.0	6,953.3	10,439.4	6,985.4	61.8	65.5	95.54	2,394.0	2,468.5	331.6	224.8	106.84	3.104	
10,300.0	6,952.8	10,539.4	6,982.9	63.3	66.8	95.21	2,494.0	2,468.0	331.4	221.0	110.45	3.001	
10,400.0	6,952.3	10,639.4	6,980.5	64.8	68.1	94.87	2,593.9	2,467.6	331.3	217.2	114.08	2.904	
10,500.0	6,951.9	10,739.3	6,978.0	66.3	69.5	94.53	2,693.9	2,467.1	331.1	213.4	117.73	2.812	
10,600.0	6,951.4	10,839.3	6,975.6	67.9	71.0	94.19	2,793.8	2,466.7	330.9	209.6	121.40	2.726	
10,700.0	6,950.9	10,939.3	6,973.1	69.5	72.4	93.85	2,893.8	2,466.2	330.8	205.7	125.09	2.645	
10,800.0	6,950.4	11,039.3	6,970.6	71.1	73.9	93.51	2,993.7	2,465.8	330.7	201.9	128.79	2.568	
10,900.0	6,949.9	11,139.3	6,968.2	72.7	75.5	93.17	3,093.7	2,465.4	330.6	198.1	132.50	2.495	
11,000.0	6,949.4	11,239.2	6,965.7	74.3	77.0	92.83	3,193.6	2,464.9	330.4	194.2	136.23	2.426	
11,100.0	6,948.9	11,339.2	6,963.3	76.0	78.6	92.49	3,293.6	2,464.5	330.4	190.4	139.96	2.360	
11,200.0	6,948.4	11,439.2	6,960.8	77.7	80.2	92.15	3,393.5	2,464.0	330.3	186.6	143.71	2.298	
11,300.0	6,947.9	11,539.2	6,958.4	79.4	81.8	91.81	3,493.5	2,463.6	330.2	182.7	147.46	2.239	
11,400.0	6,947.5	11,639.2	6,955.9	81.0	83.4	91.47	3,593.4	2,463.2	330.1	178.9	151.22	2.183	
11,500.0	6,947.0	11,739.1	6,953.5	82.8	85.0	91.13	3,693.4	2,462.7	330.1	175.1	154.99	2.130	
11,600.0	6,946.5	11,839.1	6,951.0	84.5	86.7	90.79	3,793.3	2,462.3	330.0	171.3	158.76	2.079	
11,700.0	6,946.0	11,939.1	6,948.6	86.2	88.4	90.45	3,893.3	2,461.8	330.0	167.5	162.53	2.031	
11,800.0	6,945.5	12,039.1	6,946.1	87.9	90.0	90.11	3,993.2	2,461.4	330.0	163.7	166.31	1.984	
11,839.3	6,945.3	12,078.4	6,945.2	88.6	90.7	89.97	4,032.5	2,461.2	330.0	162.2	167.79	1.967	
11,876.0	6,945.1	12,085.2	6,945.0	89.3	90.8	89.95	4,039.3	2,461.2	331.4	162.8	168.60	1.965 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix S-29HC - Wellbore #1 - Plan #1 (10-08-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (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	133.32	-92.9	98.5	135.4					
100.0	100.0	100.0	100.0	0.1	0.1	133.32	-92.9	98.5	135.4	135.2	0.22	602.448		
200.0	200.0	200.0	200.0	0.3	0.3	133.32	-92.9	98.5	135.4	134.7	0.67	200.816		
300.0	300.0	300.0	300.0	0.6	0.6	133.32	-92.9	98.5	135.4	134.3	1.12	120.490		
400.0	400.0	400.0	400.0	0.8	0.8	133.32	-92.9	98.5	135.4	133.8	1.57	86.064		
500.0	500.0	500.0	500.0	1.0	1.0	133.32	-92.9	98.5	135.4	133.4	2.02	66.939		
600.0	600.0	600.0	600.0	1.2	1.2	133.32	-92.9	98.5	135.4	132.9	2.47	54.768 CC, ES		
700.0	700.0	695.9	695.9	1.5	1.4	133.01	-93.4	100.1	136.9	134.0	2.90	47.256		
800.0	800.0	791.6	791.5	1.7	1.6	132.14	-94.7	104.7	141.4	138.1	3.32	42.634		
900.0	900.0	887.0	886.6	1.9	1.8	20.05	-97.0	112.3	147.3	143.6	3.72	39.615		
1,000.0	999.8	982.3	981.1	2.1	2.1	18.93	-100.1	122.9	153.1	149.0	4.12	37.191		
1,100.0	1,099.5	1,077.3	1,075.1	2.3	2.4	17.82	-104.1	136.6	158.6	154.1	4.53	35.048		
1,200.0	1,198.7	1,172.1	1,168.3	2.6	2.7	16.72	-109.0	153.1	164.0	159.0	4.95	33.128		
1,300.0	1,297.5	1,266.8	1,260.8	2.8	3.0	15.64	-114.8	172.6	169.1	163.7	5.39	31.390		
1,400.0	1,395.6	1,361.3	1,352.4	3.2	3.5	14.56	-121.4	195.0	174.1	168.2	5.84	29.799		
1,500.0	1,493.1	1,455.6	1,442.9	3.5	3.9	13.49	-128.8	220.1	178.8	172.5	6.31	28.334		
1,600.0	1,589.6	1,549.7	1,532.4	4.0	4.5	12.42	-137.1	248.1	183.4	176.6	6.80	26.973		
1,700.0	1,685.3	1,643.7	1,620.8	4.5	5.1	11.34	-146.2	278.8	187.8	180.5	7.30	25.735		
1,800.0	1,779.8	1,737.6	1,707.9	5.1	5.8	10.27	-156.1	312.3	192.0	184.1	7.82	24.551		
1,900.0	1,873.2	1,832.7	1,795.0	5.8	6.5	9.17	-166.9	348.9	195.9	187.5	8.35	23.445		
1,917.9	1,889.8	1,850.6	1,811.4	5.9	6.7	8.98	-169.0	355.9	196.4	187.9	8.45	23.227		
2,000.0	1,965.7	1,932.6	1,886.2	6.5	7.3	8.12	-178.5	388.1	198.5	189.5	8.97	22.129		
2,100.0	2,058.2	2,032.5	1,977.3	7.2	8.2	7.09	-190.1	427.4	201.1	191.5	9.60	20.949		
2,200.0	2,150.6	2,132.4	2,068.4	8.0	9.0	6.10	-201.7	466.6	203.8	193.6	10.24	19.914		
2,300.0	2,243.1	2,232.3	2,159.6	8.8	9.9	5.13	-213.3	505.9	206.6	195.7	10.87	19.000		
2,400.0	2,335.6	2,332.2	2,250.7	9.6	10.7	4.18	-224.9	545.2	209.4	197.9	11.51	18.186		
2,500.0	2,428.1	2,432.1	2,341.8	10.3	11.6	3.26	-236.5	584.4	212.3	200.1	12.16	17.456		
2,600.0	2,520.6	2,532.0	2,432.9	11.1	12.5	2.36	-248.1	623.7	215.2	202.4	12.81	16.798		
2,700.0	2,613.0	2,631.9	2,524.1	11.9	13.4	1.49	-259.7	662.9	218.2	204.7	13.47	16.199		
2,800.0	2,705.5	2,731.8	2,615.2	12.7	14.2	0.65	-271.4	702.2	221.2	207.1	14.13	15.651		
2,900.0	2,798.0	2,831.7	2,706.3	13.5	15.1	-0.18	-283.0	741.5	224.3	209.5	14.81	15.147		
3,000.0	2,890.5	2,931.6	2,797.4	14.3	16.0	-0.98	-294.6	780.7	227.4	211.9	15.49	14.681		
3,100.0	2,983.0	3,031.5	2,888.6	15.2	16.9	-1.76	-306.2	820.0	230.6	214.4	16.18	14.247		
3,200.0	3,075.5	3,131.4	2,979.7	16.0	17.8	-2.52	-317.8	859.3	233.8	216.9	16.89	13.843		
3,300.0	3,167.9	3,231.3	3,070.8	16.8	18.7	-3.26	-329.4	898.5	237.0	219.4	17.60	13.464		
3,400.0	3,260.4	3,331.2	3,162.0	17.6	19.5	-3.98	-341.0	937.8	240.3	222.0	18.33	13.108		
3,500.0	3,352.9	3,431.1	3,253.1	18.4	20.4	-4.67	-352.6	977.0	243.6	224.5	19.07	12.772		
3,600.0	3,445.4	3,531.0	3,344.2	19.2	21.3	-5.35	-364.2	1,016.3	247.0	227.1	19.83	12.455		
3,700.0	3,537.9	3,630.9	3,435.3	20.0	22.2	-6.02	-375.8	1,055.6	250.3	229.8	20.60	12.155		
3,800.0	3,630.4	3,730.8	3,526.5	20.8	23.1	-6.66	-387.4	1,094.8	253.8	232.4	21.38	11.870		
3,900.0	3,722.8	3,830.7	3,617.6	21.7	24.0	-7.29	-399.0	1,134.1	257.2	235.0	22.17	11.600		
4,000.0	3,815.3	3,930.6	3,708.7	22.5	24.9	-7.90	-410.6	1,173.3	260.7	237.7	22.98	11.343		
4,100.0	3,907.8	4,030.5	3,799.8	23.3	25.8	-8.49	-422.2	1,212.6	264.2	240.4	23.81	11.098		
4,200.0	4,000.3	4,130.4	3,891.0	24.1	26.6	-9.07	-433.8	1,251.9	267.7	243.1	24.65	10.864		
4,300.0	4,092.8	4,230.3	3,982.1	24.9	27.5	-9.63	-445.4	1,291.1	271.3	245.8	25.50	10.641		
4,400.0	4,185.2	4,330.2	4,073.2	25.8	28.4	-10.18	-457.0	1,330.4	274.9	248.5	26.36	10.428		
4,500.0	4,277.7	4,430.1	4,164.4	26.6	29.3	-10.71	-468.6	1,369.6	278.5	251.3	27.24	10.225		
4,600.0	4,370.2	4,530.0	4,255.5	27.4	30.2	-11.24	-480.3	1,408.9	282.2	254.0	28.13	10.030		
4,700.0	4,462.7	4,629.9	4,346.6	28.2	31.1	-11.74	-491.9	1,448.2	285.8	256.8	29.03	9.844		
4,800.0	4,555.2	4,729.8	4,437.7	29.0	32.0	-12.24	-503.5	1,487.4	289.5	259.5	29.95	9.666		
4,900.0	4,647.7	4,829.7	4,528.9	29.9	32.9	-12.72	-515.1	1,526.7	293.2	262.3	30.88	9.495		
5,000.0	4,740.1	4,929.6	4,620.0	30.7	33.8	-13.19	-526.7	1,565.9	296.9	265.1	31.82	9.332		

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	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	4,832.6	5,029.5	4,711.1	31.5	34.7	-13.65	-538.3	1,605.2	300.7	267.9	32.77	9.175	
5,200.0	4,925.1	5,129.4	4,802.2	32.3	35.6	-14.09	-549.9	1,644.5	304.4	270.7	33.73	9.025	
5,300.0	5,017.6	5,229.3	4,893.4	33.1	36.4	-14.53	-561.5	1,683.7	308.2	273.5	34.71	8.881	
5,400.0	5,110.1	5,329.2	4,984.5	34.0	37.3	-14.96	-573.1	1,723.0	312.0	276.3	35.69	8.742	
5,500.0	5,202.6	5,429.1	5,075.6	34.8	38.2	-15.37	-584.7	1,762.2	315.8	279.1	36.68	8.609	
5,600.0	5,295.0	5,529.0	5,166.8	35.6	39.1	-15.78	-596.3	1,801.5	319.7	282.0	37.69	8.482	
5,700.0	5,387.5	5,628.9	5,257.9	36.4	40.0	-16.17	-607.9	1,840.8	323.5	284.8	38.70	8.359	
5,800.0	5,480.0	5,728.8	5,349.0	37.3	40.9	-16.56	-619.5	1,880.0	327.4	287.6	39.72	8.241	
5,900.0	5,572.5	5,828.7	5,440.1	38.1	41.8	-16.94	-631.1	1,919.3	331.2	290.5	40.76	8.127	
6,000.0	5,665.0	5,928.6	5,531.3	38.9	42.7	-17.30	-642.7	1,958.5	335.1	293.3	41.80	8.018	
6,100.0	5,757.4	6,028.5	5,622.4	39.7	43.6	-17.66	-654.3	1,997.8	339.0	296.2	42.84	7.913	
6,200.0	5,849.9	6,128.4	5,713.5	40.5	44.5	-18.02	-665.9	2,037.1	342.9	299.0	43.90	7.812	
6,300.0	5,942.4	6,228.4	5,804.7	41.4	45.4	-18.36	-677.5	2,076.3	346.9	301.9	44.96	7.714	
6,400.0	6,034.9	6,328.3	5,895.8	42.2	46.3	-18.70	-689.2	2,115.6	350.8	304.8	46.04	7.620	
6,500.0	6,127.4	6,428.2	5,986.9	43.0	47.2	-19.03	-700.8	2,154.8	354.8	307.6	47.12	7.530	
6,583.8	6,204.9	6,511.9	6,063.3	43.7	47.9	-19.30	-710.5	2,187.7	358.1	310.1	48.02	7.456	
6,600.0	6,219.9	6,528.1	6,078.0	43.8	48.0	-16.35	-712.4	2,194.1	358.7	310.5	48.21	7.441	
6,650.0	6,266.4	6,578.0	6,123.6	44.1	48.5	-6.27	-718.2	2,213.7	360.7	312.2	48.49	7.439	
6,700.0	6,313.1	6,627.6	6,168.9	44.5	48.9	4.79	-723.9	2,233.2	362.8	314.4	48.36	7.502	
6,750.0	6,359.7	6,676.8	6,213.7	44.7	49.4	16.09	-729.6	2,252.6	365.1	317.2	47.89	7.624	
6,800.0	6,405.9	6,725.2	6,257.9	45.0	49.8	26.98	-735.3	2,271.6	367.8	320.6	47.17	7.798	
6,850.0	6,451.7	6,772.7	6,301.2	45.2	50.2	37.02	-740.8	2,290.2	371.3	324.9	46.33	8.013	
6,900.0	6,496.7	6,819.0	6,343.4	45.5	50.6	46.08	-746.2	2,308.4	375.9	330.4	45.51	8.260	
6,950.0	6,540.7	6,863.8	6,384.3	45.6	51.0	54.13	-751.4	2,326.0	382.0	337.2	44.79	8.528	
7,000.0	6,583.5	6,912.4	6,428.7	45.8	51.4	61.55	-756.2	2,345.2	389.9	345.7	44.17	8.827	
7,050.0	6,624.9	6,964.9	6,476.9	46.0	51.8	68.21	-757.8	2,365.9	399.1	355.3	43.74	9.125	
7,100.0	6,664.7	7,019.9	6,527.3	46.1	52.2	74.12	-755.3	2,387.6	409.4	365.9	43.47	9.418	
7,150.0	6,702.8	7,077.5	6,579.9	46.2	52.6	79.38	-748.3	2,410.2	420.6	377.3	43.28	9.718	
7,200.0	6,738.8	7,138.2	6,634.4	46.3	52.9	84.10	-735.9	2,433.6	432.5	389.4	43.10	10.035	
7,250.0	6,772.7	7,202.2	6,690.7	46.3	53.3	88.34	-717.4	2,457.7	444.8	402.0	42.85	10.381	
7,300.0	6,804.3	7,269.9	6,748.4	46.4	53.6	92.16	-692.0	2,482.4	457.3	414.8	42.50	10.760	
7,350.0	6,833.4	7,341.6	6,806.8	46.4	53.9	95.59	-658.8	2,507.4	469.6	427.6	42.02	11.177	
7,400.0	6,859.9	7,417.6	6,865.0	46.4	54.1	98.64	-616.9	2,532.3	481.5	440.1	41.42	11.625	
7,450.0	6,883.6	7,498.0	6,921.9	46.4	54.3	101.32	-565.4	2,556.5	492.5	451.8	40.73	12.093	
7,500.0	6,904.5	7,582.9	6,975.7	46.4	54.5	103.62	-504.0	2,579.4	502.4	462.4	40.02	12.554	
7,550.0	6,922.4	7,672.0	7,024.7	46.4	54.6	105.52	-432.6	2,600.1	510.8	471.4	39.38	12.972	
7,600.0	6,937.2	7,764.8	7,066.6	46.3	54.7	106.99	-351.8	2,617.8	517.4	478.5	38.92	13.296	
7,650.0	6,949.0	7,860.5	7,099.4	46.3	54.7	108.02	-262.9	2,631.5	522.0	483.2	38.76	13.466	
7,700.0	6,957.5	7,958.1	7,121.4	46.2	54.7	108.60	-168.3	2,640.5	524.3	485.3	39.03	13.434	
7,750.0	6,962.9	8,056.3	7,131.4	46.2	54.6	108.70	-70.8	2,644.4	524.2	484.5	39.78	13.180	
7,800.0	6,965.0	8,121.3	7,132.0	46.1	54.6	108.62	-5.9	2,644.4	522.9	482.2	40.72	12.842	
7,809.3	6,965.0	8,130.5	7,132.0	46.1	54.6	108.62	3.4	2,644.3	522.9	482.0	40.90	12.786	
7,810.9	6,965.0	8,132.1	7,132.0	46.1	54.6	108.62	4.9	2,644.3	522.9	482.0	40.93	12.776	
7,900.0	6,964.6	8,221.3	7,132.0	46.0	54.5	108.67	94.1	2,643.9	523.0	481.6	41.39	12.638	
8,000.0	6,964.1	8,321.3	7,132.0	45.9	54.5	108.72	194.1	2,643.5	523.2	481.0	42.13	12.417	
8,100.0	6,963.6	8,421.3	7,132.0	45.9	54.5	108.77	294.1	2,643.0	523.3	480.1	43.18	12.119	
8,200.0	6,963.1	8,521.3	7,132.0	45.9	54.5	108.82	394.1	2,642.5	523.5	478.9	44.50	11.763	
8,300.0	6,962.6	8,621.3	7,132.0	46.0	54.6	108.88	494.1	2,642.1	523.6	477.5	46.08	11.364	
8,400.0	6,962.1	8,721.3	7,132.0	46.1	54.8	108.93	594.1	2,641.6	523.7	475.9	47.88	10.939	
8,500.0	6,961.6	8,821.2	7,132.0	46.3	55.0	108.98	694.1	2,641.2	523.9	474.0	49.88	10.502	
8,600.0	6,961.1	8,921.2	7,132.0	46.6	55.2	109.03	794.1	2,640.7	524.0	472.0	52.07	10.064	
8,700.0	6,960.7	9,021.2	7,132.0	46.9	55.5	109.08	894.1	2,640.3	524.2	469.8	54.41	9.634	

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix S-29HC - Wellbore #1 - Plan #1 (10-08-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (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	
8,800.0	6,960.2	9,121.2	7,132.0	47.4	55.8	109.13	994.1	2,639.8	524.3	467.4	56.89	9.217	
8,900.0	6,959.7	9,221.2	7,132.0	47.9	56.3	109.18	1,094.1	2,639.4	524.4	465.0	59.48	8.817	
9,000.0	6,959.2	9,321.2	7,132.0	48.5	56.7	109.23	1,194.1	2,638.9	524.6	462.4	62.18	8.436	
9,100.0	6,958.7	9,421.2	7,132.0	49.2	57.3	109.28	1,294.1	2,638.5	524.7	459.8	64.98	8.076	
9,200.0	6,958.2	9,521.2	7,132.0	49.9	57.9	109.34	1,394.1	2,638.0	524.9	457.0	67.85	7.736	
9,300.0	6,957.7	9,621.2	7,132.0	50.8	58.6	109.39	1,494.1	2,637.6	525.0	454.2	70.79	7.417	
9,400.0	6,957.2	9,721.2	7,132.0	51.8	59.3	109.44	1,594.1	2,637.1	525.2	451.4	73.79	7.117	
9,500.0	6,956.7	9,821.2	7,132.0	52.8	60.2	109.49	1,694.1	2,636.6	525.3	448.5	76.85	6.836	
9,600.0	6,956.3	9,921.2	7,132.0	53.9	61.1	109.54	1,794.1	2,636.2	525.5	445.5	79.95	6.573	
9,700.0	6,955.8	10,021.2	7,132.0	55.1	62.0	109.59	1,894.0	2,635.7	525.6	442.5	83.09	6.326	
9,800.0	6,955.3	10,121.2	7,132.0	56.4	63.1	109.64	1,994.0	2,635.3	525.8	439.5	86.27	6.094	
9,900.0	6,954.8	10,221.2	7,132.0	57.7	64.1	109.69	2,094.0	2,634.8	525.9	436.4	89.48	5.877	
10,000.0	6,954.3	10,321.2	7,132.0	59.0	65.3	109.74	2,194.0	2,634.4	526.1	433.3	92.72	5.673	
10,100.0	6,953.8	10,421.2	7,132.0	60.4	66.5	109.79	2,294.0	2,633.9	526.2	430.2	95.99	5.482	
10,200.0	6,953.3	10,521.2	7,132.0	61.8	67.7	109.84	2,394.0	2,633.5	526.4	427.1	99.28	5.302	
10,300.0	6,952.8	10,621.2	7,132.0	63.3	69.0	109.89	2,494.0	2,633.0	526.5	423.9	102.59	5.132	
10,400.0	6,952.3	10,721.2	7,132.0	64.8	70.4	109.94	2,594.0	2,632.6	526.7	420.7	105.92	4.972	
10,500.0	6,951.9	10,821.2	7,132.0	66.3	71.7	110.00	2,694.0	2,632.1	526.8	417.5	109.27	4.821	
10,600.0	6,951.4	10,921.2	7,132.0	67.9	73.2	110.05	2,794.0	2,631.7	527.0	414.3	112.63	4.679	
10,700.0	6,950.9	11,021.2	7,132.0	69.5	74.6	110.10	2,894.0	2,631.2	527.1	411.1	116.00	4.544	
10,800.0	6,950.4	11,121.2	7,132.0	71.1	76.1	110.15	2,994.0	2,630.8	527.3	407.9	119.39	4.416	
10,900.0	6,949.9	11,221.2	7,132.0	72.7	77.6	110.20	3,094.0	2,630.3	527.4	404.6	122.78	4.295	
11,000.0	6,949.4	11,321.2	7,132.0	74.3	79.1	110.25	3,194.0	2,629.8	527.6	401.4	126.19	4.181	
11,100.0	6,948.9	11,421.2	7,132.0	76.0	80.7	110.30	3,294.0	2,629.4	527.7	398.1	129.61	4.072	
11,200.0	6,948.4	11,521.2	7,132.0	77.7	82.2	110.35	3,394.0	2,628.9	527.9	394.8	133.03	3.968	
11,300.0	6,947.9	11,621.2	7,132.0	79.4	83.8	110.40	3,494.0	2,628.5	528.0	391.6	136.46	3.869	
11,400.0	6,947.5	11,721.2	7,132.0	81.0	85.4	110.45	3,594.0	2,628.0	528.2	388.3	139.90	3.775	
11,500.0	6,947.0	11,821.2	7,132.0	82.8	87.0	110.50	3,694.0	2,627.6	528.3	385.0	143.34	3.686	
11,600.0	6,946.5	11,921.2	7,132.0	84.5	88.7	110.55	3,794.0	2,627.1	528.5	381.7	146.79	3.600	
11,700.0	6,946.0	12,021.2	7,132.0	86.2	90.3	110.60	3,894.0	2,626.7	528.6	378.4	150.24	3.519	
11,800.0	6,945.5	12,121.2	7,132.0	87.9	92.0	110.65	3,994.0	2,626.2	528.8	375.1	153.70	3.440	
11,876.0	6,945.1	12,152.4	7,132.0	89.3	92.5	110.67	4,025.2	2,626.1	530.8	375.2	155.57	3.412 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	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	127.44	-85.2	111.3	140.2					
100.0	100.0	100.0	100.0	0.1	0.1	127.44	-85.2	111.3	140.2	140.0	0.22	623.779		
200.0	200.0	200.0	200.0	0.3	0.3	127.44	-85.2	111.3	140.2	139.5	0.67	207.926 CC, ES		
300.0	300.0	295.6	295.6	0.6	0.5	127.21	-85.7	112.9	141.8	140.7	1.10	128.760		
400.0	400.0	391.0	390.8	0.8	0.7	126.55	-87.0	117.4	146.5	144.9	1.53	95.445		
500.0	500.0	485.9	485.5	1.0	1.0	125.54	-89.3	125.0	154.3	152.3	1.99	77.405		
600.0	600.0	580.3	579.2	1.2	1.2	124.29	-92.4	135.5	165.3	162.8	2.48	66.534		
700.0	700.0	673.8	671.6	1.5	1.6	122.92	-96.3	148.8	179.5	176.5	3.01	59.588		
800.0	800.0	766.3	762.6	1.7	1.9	121.52	-101.1	164.8	196.9	193.3	3.58	54.985		
900.0	900.0	858.0	852.2	1.9	2.3	9.23	-106.6	183.5	215.8	212.0	3.79	56.954		
1,000.0	999.8	949.1	940.6	2.1	2.7	8.05	-112.9	204.7	234.5	230.2	4.22	55.566		
1,100.0	1,099.5	1,039.7	1,027.8	2.3	3.2	7.01	-119.9	228.5	252.8	248.2	4.66	54.221		
1,200.0	1,198.7	1,129.9	1,113.7	2.6	3.8	6.08	-127.7	254.8	270.9	265.8	5.12	52.918		
1,300.0	1,297.5	1,219.6	1,198.2	2.8	4.4	5.23	-136.2	283.5	288.7	283.1	5.59	51.639		
1,400.0	1,395.6	1,308.8	1,281.3	3.2	5.0	4.45	-145.4	314.5	306.2	300.1	6.07	50.427		
1,500.0	1,493.1	1,400.0	1,365.2	3.5	5.8	3.71	-155.6	348.8	323.3	316.7	6.58	49.136		
1,600.0	1,589.6	1,494.4	1,451.3	4.0	6.6	3.01	-166.6	386.0	339.1	331.9	7.11	47.678		
1,700.0	1,685.3	1,593.6	1,541.7	4.5	7.4	2.37	-178.1	425.1	351.4	343.8	7.67	45.836		
1,800.0	1,779.8	1,693.1	1,632.4	5.1	8.3	1.80	-189.8	464.3	360.4	352.2	8.24	43.754		
1,900.0	1,873.2	1,792.9	1,723.4	5.8	9.2	1.27	-201.4	503.6	365.9	357.1	8.82	41.493		
1,917.9	1,889.8	1,810.8	1,739.7	5.9	9.3	1.18	-203.5	510.7	366.5	357.6	8.92	41.072		
2,000.0	1,965.7	1,892.8	1,814.5	6.5	10.1	0.77	-213.1	543.0	369.1	359.7	9.45	39.041		
2,100.0	2,058.2	1,992.7	1,905.5	7.2	10.9	0.27	-224.7	582.4	372.3	362.2	10.11	36.828		
2,200.0	2,150.6	2,092.6	1,996.6	8.0	11.8	-0.22	-236.4	621.8	375.5	364.8	10.77	34.860		
2,300.0	2,243.1	2,192.5	2,087.7	8.8	12.7	-0.70	-248.0	661.1	378.8	367.4	11.44	33.102		
2,400.0	2,335.6	2,292.4	2,178.7	9.6	13.6	-1.17	-259.7	700.5	382.1	370.0	12.12	31.524		
2,500.0	2,428.1	2,392.3	2,269.8	10.3	14.5	-1.63	-271.4	739.9	385.4	372.6	12.80	30.099		
2,600.0	2,520.6	2,492.2	2,360.9	11.1	15.4	-2.09	-283.0	779.3	388.7	375.2	13.49	28.807		
2,700.0	2,613.0	2,592.1	2,451.9	11.9	16.3	-2.53	-294.7	818.6	392.1	377.9	14.19	27.630		
2,800.0	2,705.5	2,692.0	2,543.0	12.7	17.2	-2.97	-306.3	858.0	395.4	380.5	14.89	26.554		
2,900.0	2,798.0	2,791.9	2,634.1	13.5	18.1	-3.41	-318.0	897.4	398.8	383.2	15.60	25.566		
3,000.0	2,890.5	2,891.8	2,725.1	14.3	18.9	-3.83	-329.7	936.8	402.2	385.9	16.31	24.656		
3,100.0	2,983.0	2,991.7	2,816.2	15.2	19.8	-4.25	-341.3	976.1	405.7	388.7	17.04	23.814		
3,200.0	3,075.5	3,091.6	2,907.3	16.0	20.7	-4.66	-353.0	1,015.5	409.2	391.4	17.76	23.033		
3,300.0	3,167.9	3,191.5	2,998.3	16.8	21.6	-5.07	-364.6	1,054.9	412.6	394.1	18.50	22.308		
3,400.0	3,260.4	3,291.4	3,089.4	17.6	22.5	-5.46	-376.3	1,094.2	416.1	396.9	19.24	21.630		
3,500.0	3,352.9	3,391.3	3,180.5	18.4	23.4	-5.85	-387.9	1,133.6	419.7	399.7	19.99	20.998		
3,600.0	3,445.4	3,491.2	3,271.6	19.2	24.3	-6.24	-399.6	1,173.0	423.2	402.5	20.74	20.404		
3,700.0	3,537.9	3,591.1	3,362.6	20.0	25.2	-6.62	-411.3	1,212.4	426.8	405.3	21.50	19.847		
3,800.0	3,630.4	3,691.0	3,453.7	20.8	26.1	-6.99	-422.9	1,251.7	430.4	408.1	22.27	19.323		
3,900.0	3,722.8	3,790.9	3,544.8	21.7	27.0	-7.35	-434.6	1,291.1	433.9	410.9	23.05	18.829		
4,000.0	3,815.3	3,890.8	3,635.8	22.5	27.9	-7.71	-446.2	1,330.5	437.6	413.7	23.83	18.362		
4,100.0	3,907.8	3,990.7	3,726.9	23.3	28.8	-8.07	-457.9	1,369.9	441.2	416.6	24.62	17.920		
4,200.0	4,000.3	4,090.5	3,818.0	24.1	29.7	-8.41	-469.6	1,409.2	444.8	419.4	25.42	17.501		
4,300.0	4,092.8	4,190.4	3,909.0	24.9	30.6	-8.76	-481.2	1,448.6	448.5	422.3	26.22	17.104		
4,400.0	4,185.2	4,290.3	4,000.1	25.8	31.5	-9.09	-492.9	1,488.0	452.2	425.2	27.03	16.727		
4,500.0	4,277.7	4,390.2	4,091.2	26.6	32.4	-9.42	-504.5	1,527.4	455.9	428.0	27.85	16.368		
4,600.0	4,370.2	4,490.1	4,182.2	27.4	33.3	-9.75	-516.2	1,566.7	459.6	430.9	28.68	16.026		
4,700.0	4,462.7	4,590.0	4,273.3	28.2	34.2	-10.07	-527.9	1,606.1	463.3	433.8	29.51	15.699		
4,800.0	4,555.2	4,689.9	4,364.4	29.0	35.1	-10.38	-539.5	1,645.5	467.1	436.7	30.35	15.388		
4,900.0	4,647.7	4,789.8	4,455.4	29.9	36.0	-10.70	-551.2	1,684.9	470.8	439.6	31.20	15.090		
5,000.0	4,740.1	4,889.7	4,546.5	30.7	36.8	-11.00	-562.8	1,724.2	474.6	442.5	32.05	14.806		

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	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	4,832.6	4,989.6	4,637.6	31.5	37.7	-11.30	-574.5	1,763.6	478.4	445.4	32.92	14.533	
5,200.0	4,925.1	5,089.5	4,728.6	32.3	38.6	-11.60	-586.2	1,803.0	482.2	448.4	33.78	14.272	
5,300.0	5,017.6	5,189.4	4,819.7	33.1	39.5	-11.89	-597.8	1,842.3	486.0	451.3	34.66	14.021	
5,400.0	5,110.1	5,289.3	4,910.8	34.0	40.4	-12.18	-609.5	1,881.7	489.8	454.2	35.54	13.781	
5,500.0	5,202.6	5,389.2	5,001.8	34.8	41.3	-12.46	-621.1	1,921.1	493.6	457.2	36.43	13.550	
5,600.0	5,295.0	5,489.1	5,092.9	35.6	42.2	-12.74	-632.8	1,960.5	497.5	460.1	37.32	13.328	
5,700.0	5,387.5	5,589.0	5,184.0	36.4	43.1	-13.01	-644.5	1,999.8	501.3	463.1	38.23	13.114	
5,800.0	5,480.0	5,688.9	5,275.0	37.3	44.0	-13.28	-656.1	2,039.2	505.2	466.0	39.13	12.909	
5,900.0	5,572.5	5,788.8	5,366.1	38.1	44.9	-13.54	-667.8	2,078.6	509.0	469.0	40.05	12.711	
6,000.0	5,665.0	5,888.7	5,457.2	38.9	45.8	-13.81	-679.4	2,118.0	512.9	472.0	40.97	12.520	
6,100.0	5,757.4	5,988.6	5,548.2	39.7	46.7	-14.06	-691.1	2,157.3	516.8	474.9	41.90	12.336	
6,200.0	5,849.9	6,088.5	5,639.3	40.5	47.6	-14.32	-702.7	2,196.7	520.7	477.9	42.83	12.159	
6,300.0	5,942.4	6,188.4	5,730.4	41.4	48.5	-14.57	-714.4	2,236.1	524.7	480.9	43.77	11.987	
6,400.0	6,034.9	6,288.3	5,821.4	42.2	49.4	-14.81	-726.1	2,275.5	528.6	483.9	44.71	11.822	
6,500.0	6,127.4	6,388.2	5,912.5	43.0	50.3	-15.06	-737.7	2,314.8	532.5	486.9	45.66	11.662	
6,583.8	6,204.9	6,471.9	5,988.8	43.7	51.0	-15.26	-747.5	2,347.8	535.8	489.4	46.46	11.532	
6,600.0	6,219.9	6,488.1	6,003.6	43.8	51.2	-12.30	-749.4	2,354.2	536.5	489.8	46.63	11.504	
6,650.0	6,266.4	6,538.0	6,049.1	44.1	51.6	-2.35	-755.2	2,373.9	538.7	491.7	46.99	11.462	
6,700.0	6,313.1	6,587.7	6,094.3	44.5	52.1	8.38	-761.0	2,393.5	541.2	494.0	47.13	11.483	
6,750.0	6,359.7	6,636.8	6,139.1	44.7	52.5	19.18	-766.7	2,412.8	544.0	497.0	47.06	11.561	
6,800.0	6,405.9	6,685.2	6,183.3	45.0	53.0	29.40	-772.4	2,431.9	547.4	500.6	46.83	11.688	
6,850.0	6,451.7	6,732.7	6,226.5	45.2	53.4	38.65	-777.9	2,450.6	551.5	505.0	46.52	11.855	
6,900.0	6,496.7	6,778.9	6,268.7	45.5	53.8	46.80	-783.3	2,468.8	556.6	510.4	46.17	12.053	
6,950.0	6,540.7	6,823.7	6,309.6	45.6	54.2	53.90	-788.6	2,486.5	562.9	517.0	45.85	12.276	
7,000.0	6,583.5	6,876.7	6,358.0	45.8	54.6	60.40	-793.1	2,507.5	570.4	524.9	45.47	12.544	
7,050.0	6,624.9	6,932.9	6,409.5	46.0	55.0	66.09	-793.6	2,529.8	578.6	533.4	45.18	12.807	
7,100.0	6,664.7	6,991.8	6,463.4	46.1	55.4	71.07	-789.4	2,553.1	587.5	542.5	44.97	13.064	
7,150.0	6,702.8	7,053.7	6,519.5	46.2	55.8	75.46	-779.8	2,577.5	596.9	552.1	44.81	13.321	
7,200.0	6,738.8	7,119.0	6,577.6	46.3	56.2	79.37	-763.9	2,602.8	606.6	561.9	44.67	13.579	
7,250.0	6,772.7	7,188.0	6,637.2	46.3	56.5	82.85	-741.1	2,628.7	616.3	571.8	44.52	13.843	
7,300.0	6,804.3	7,260.9	6,697.7	46.4	56.8	85.94	-710.2	2,655.1	625.9	581.6	44.36	14.112	
7,350.0	6,833.4	7,337.9	6,758.1	46.4	57.1	88.68	-670.5	2,681.5	635.2	591.0	44.17	14.381	
7,400.0	6,859.9	7,419.1	6,817.2	46.4	57.4	91.06	-621.2	2,707.4	643.8	599.8	43.97	14.641	
7,450.0	6,883.6	7,504.4	6,873.3	46.4	57.5	93.09	-562.0	2,732.1	651.4	607.6	43.79	14.877	
7,500.0	6,904.5	7,593.4	6,924.5	46.4	57.7	94.74	-492.8	2,754.7	657.9	614.2	43.68	15.063	
7,550.0	6,922.4	7,685.7	6,968.8	46.4	57.8	95.99	-414.4	2,774.4	663.0	619.3	43.70	15.171	
7,600.0	6,937.2	7,780.3	7,004.3	46.3	57.8	96.83	-328.2	2,790.2	666.4	622.5	43.92	15.173	
7,650.0	6,949.0	7,876.3	7,029.3	46.3	57.8	97.25	-236.3	2,801.6	668.2	623.8	44.41	15.046	
7,700.0	6,957.5	7,972.3	7,042.8	46.2	57.8	97.25	-141.5	2,808.1	668.2	623.0	45.19	14.784	
7,750.0	6,962.9	8,060.8	7,044.8	46.2	57.7	96.91	-53.1	2,809.5	666.4	620.2	46.22	14.420	
7,800.0	6,965.0	8,110.7	7,043.6	46.1	57.6	96.78	-3.2	2,809.3	665.1	618.1	47.05	14.138	
7,810.9	6,965.0	8,121.6	7,043.3	46.1	57.6	96.76	7.6	2,809.2	665.1	617.8	47.23	14.080	
7,900.0	6,964.6	8,210.7	7,041.1	46.0	57.6	96.61	96.7	2,808.8	664.8	616.9	47.89	13.882	
8,000.0	6,964.1	8,310.7	7,038.7	45.9	57.5	96.45	196.7	2,808.4	664.6	615.8	48.84	13.606	
8,100.0	6,963.6	8,410.6	7,036.2	45.9	57.5	96.28	296.6	2,807.9	664.4	614.3	50.08	13.265	
8,200.0	6,963.1	8,510.6	7,033.8	45.9	57.6	96.11	396.6	2,807.4	664.1	612.6	51.58	12.876	
8,300.0	6,962.6	8,610.6	7,031.3	46.0	57.6	95.94	496.5	2,807.0	663.9	610.6	53.32	12.452	
8,400.0	6,962.1	8,710.6	7,028.8	46.1	57.8	95.77	596.5	2,806.5	663.7	608.4	55.27	12.008	
8,500.0	6,961.6	8,810.6	7,026.4	46.3	57.9	95.60	696.4	2,806.1	663.5	606.1	57.42	11.554	
8,600.0	6,961.1	8,910.6	7,023.9	46.6	58.2	95.43	796.4	2,805.6	663.3	603.5	59.75	11.101	
8,700.0	6,960.7	9,010.5	7,021.5	46.9	58.4	95.26	896.3	2,805.2	663.1	600.8	62.23	10.655	
8,800.0	6,960.2	9,110.5	7,019.0	47.4	58.7	95.09	996.3	2,804.7	662.9	598.0	64.85	10.222	

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 Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design Matrix 29- Pad Sec.29-T6N-R65W - Matrix T-29HN - Wellbore #1 - Plan #1 (10-02-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,900.0	6,959.7	9,210.5	7,016.5	47.9	59.1	94.92	1,096.2	2,804.3	662.7	595.1	67.59	9.805	
9,000.0	6,959.2	9,310.5	7,014.1	48.5	59.6	94.75	1,196.2	2,803.8	662.5	592.1	70.44	9.406	
9,100.0	6,958.7	9,410.5	7,011.6	49.2	60.0	94.58	1,296.1	2,803.4	662.3	588.9	73.38	9.026	
9,200.0	6,958.2	9,510.4	7,009.2	49.9	60.6	94.41	1,396.1	2,802.9	662.2	585.7	76.41	8.666	
9,300.0	6,957.7	9,610.4	7,006.7	50.8	61.2	94.24	1,496.0	2,802.5	662.0	582.5	79.51	8.326	
9,400.0	6,957.2	9,710.4	7,004.2	51.8	61.9	94.07	1,596.0	2,802.0	661.8	579.1	82.68	8.005	
9,500.0	6,956.7	9,810.4	7,001.8	52.8	62.7	93.90	1,695.9	2,801.6	661.7	575.8	85.91	7.702	
9,600.0	6,956.3	9,910.4	6,999.3	53.9	63.5	93.73	1,795.9	2,801.1	661.5	572.3	89.19	7.417	
9,700.0	6,955.8	10,010.3	6,996.9	55.1	64.4	93.56	1,895.8	2,800.6	661.4	568.9	92.52	7.148	
9,800.0	6,955.3	10,110.3	6,994.4	56.4	65.4	93.39	1,995.8	2,800.2	661.2	565.3	95.89	6.896	
9,900.0	6,954.8	10,210.3	6,991.9	57.7	66.4	93.22	2,095.7	2,799.7	661.1	561.8	99.30	6.657	
10,000.0	6,954.3	10,310.3	6,989.5	59.0	67.5	93.05	2,195.7	2,799.3	661.0	558.2	102.75	6.433	
10,100.0	6,953.8	10,410.3	6,987.0	60.4	68.6	92.88	2,295.6	2,798.8	660.9	554.6	106.22	6.221	
10,200.0	6,953.3	10,510.2	6,984.6	61.8	69.8	92.71	2,395.6	2,798.4	660.8	551.0	109.73	6.022	
10,300.0	6,952.8	10,610.2	6,982.1	63.3	71.0	92.54	2,495.5	2,797.9	660.6	547.4	113.26	5.833	
10,400.0	6,952.3	10,710.2	6,979.6	64.8	72.3	92.37	2,595.5	2,797.5	660.5	543.7	116.81	5.655	
10,500.0	6,951.9	10,810.2	6,977.2	66.3	73.6	92.20	2,695.4	2,797.0	660.4	540.1	120.38	5.486	
10,600.0	6,951.4	10,910.2	6,974.7	67.9	74.9	92.03	2,795.4	2,796.6	660.4	536.4	123.97	5.327	
10,700.0	6,950.9	11,010.1	6,972.3	69.5	76.3	91.86	2,895.3	2,796.1	660.3	532.7	127.58	5.175	
10,800.0	6,950.4	11,110.1	6,969.8	71.1	77.8	91.68	2,995.3	2,795.7	660.2	529.0	131.21	5.032	
10,900.0	6,949.9	11,210.1	6,967.3	72.7	79.2	91.51	3,095.2	2,795.2	660.1	525.3	134.84	4.895	
11,000.0	6,949.4	11,310.1	6,964.9	74.3	80.7	91.34	3,195.1	2,794.7	660.1	521.6	138.50	4.766	
11,100.0	6,948.9	11,410.1	6,962.4	76.0	82.2	91.17	3,295.1	2,794.3	660.0	517.8	142.16	4.643	
11,200.0	6,948.4	11,510.0	6,960.0	77.7	83.7	91.00	3,395.0	2,793.8	659.9	514.1	145.84	4.525	
11,300.0	6,947.9	11,610.0	6,957.5	79.4	85.3	90.83	3,495.0	2,793.4	659.9	510.4	149.52	4.413	
11,400.0	6,947.5	11,710.0	6,955.0	81.0	86.9	90.66	3,594.9	2,792.9	659.8	506.6	153.22	4.307	
11,500.0	6,947.0	11,810.0	6,952.6	82.8	88.4	90.49	3,694.9	2,792.5	659.8	502.9	156.92	4.205	
11,600.0	6,946.5	11,910.0	6,950.1	84.5	90.1	90.32	3,794.8	2,792.0	659.8	499.1	160.63	4.107	
11,700.0	6,946.0	12,009.9	6,947.6	86.2	91.7	90.14	3,894.8	2,791.6	659.8	495.4	164.35	4.014	
11,800.0	6,945.5	12,109.9	6,945.2	87.9	93.4	89.97	3,994.7	2,791.1	659.7	491.7	168.04	3.926	
11,805.4	6,945.5	12,115.3	6,945.1	88.0	93.6	89.96	4,000.1	2,791.1	659.7	491.5	168.22	3.922	
11,876.0	6,945.1	12,126.2	6,944.8	89.3	93.9	89.94	4,011.0	2,791.0	662.4	492.7	169.69	3.904 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 637- Moro Farms 31-29 Pad Sec.29-T6N-R65W - Moro Farms 41-29 - 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
11,100.0	6,948.9	6,950.7	6,938.6	76.0	14.3	98.89	4,003.9	2,135.6	712.1	629.8	82.33	8.649	
11,200.0	6,948.4	6,950.6	6,938.5	77.7	14.3	97.44	4,003.9	2,135.6	612.1	527.5	84.56	7.239	
11,300.0	6,947.9	6,950.5	6,938.4	79.4	14.3	95.98	4,003.9	2,135.6	512.1	425.4	86.76	5.903	
11,400.0	6,947.5	6,950.4	6,938.3	81.0	14.3	94.52	4,003.9	2,135.6	412.1	323.2	88.93	4.634	
11,500.0	6,947.0	6,950.2	6,938.2	82.8	14.3	93.07	4,003.9	2,135.6	312.1	221.1	91.07	3.427	
11,600.0	6,946.5	6,950.1	6,938.1	84.5	14.3	91.61	4,003.9	2,135.6	212.1	119.0	93.16	2.277	
11,700.0	6,946.0	6,950.0	6,938.0	86.2	14.3	90.16	4,003.9	2,135.6	112.2	17.0	95.22	1.178 Level 2	
11,800.0	6,945.5	6,949.9	6,937.9	87.9	14.3	88.72	4,003.9	2,135.6	12.8	-84.4	97.23	0.132 Level 1	
11,812.5	6,945.4	6,949.9	6,937.8	88.1	14.3	88.54	4,003.9	2,135.6	4.3	-93.2	97.48	0.044 Level 1, CC, ES, SF	
11,876.0	6,945.1	6,949.8	6,937.8	89.3	14.3	87.63	4,003.9	2,135.6	64.1	-34.7	98.73	0.649 Level 1	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 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		
5,400.0	5,110.1	5,084.6	5,084.6	34.0	11.3	-55.98	-126.3	2,092.9	779.9	739.1	40.82	19.107		
5,500.0	5,202.6	5,177.1	5,177.1	34.8	11.5	-58.23	-126.3	2,092.9	758.1	715.8	42.31	17.919		
5,600.0	5,295.0	5,269.5	5,269.5	35.6	11.7	-60.60	-126.3	2,092.9	737.6	693.8	43.82	16.833		
5,700.0	5,387.5	5,362.0	5,362.0	36.4	11.9	-63.09	-126.3	2,092.9	718.6	673.2	45.35	15.847		
5,800.0	5,480.0	5,454.5	5,454.5	37.3	12.1	-65.69	-126.3	2,092.9	701.1	654.2	46.88	14.956		
5,900.0	5,572.5	5,547.0	5,547.0	38.1	12.4	-68.40	-126.3	2,092.9	685.2	636.8	48.40	14.158		
6,000.0	5,665.0	5,639.5	5,639.5	38.9	12.6	-71.22	-126.3	2,092.9	671.2	621.3	49.90	13.450		
6,100.0	5,757.4	5,731.9	5,731.9	39.7	12.8	-74.14	-126.3	2,092.9	659.0	607.6	51.36	12.830		
6,200.0	5,849.9	5,824.4	5,824.4	40.5	13.0	-77.14	-126.3	2,092.9	648.8	596.1	52.78	12.293		
6,300.0	5,942.4	5,916.9	5,916.9	41.4	13.2	-80.21	-126.3	2,092.9	640.8	586.7	54.13	11.838		
6,400.0	6,034.9	6,009.4	6,009.4	42.2	13.4	-83.35	-126.3	2,092.9	634.9	579.5	55.40	11.461		
6,500.0	6,127.4	6,101.9	6,101.9	43.0	13.6	-86.52	-126.3	2,092.9	631.3	574.7	56.57	11.159		
6,583.8	6,204.9	6,179.4	6,179.4	43.7	13.8	-89.20	-126.3	2,092.9	630.0	572.5	57.47	10.962		
6,600.0	6,219.9	6,194.4	6,194.4	43.8	13.8	-86.68	-126.3	2,092.9	629.8	572.1	57.61	10.931		
6,650.0	6,266.4	6,240.9	6,240.9	44.1	13.9	-78.22	-126.3	2,092.9	627.2	569.4	57.85	10.842		
6,700.0	6,313.1	6,287.6	6,287.6	44.5	14.0	-69.19	-126.3	2,092.9	621.9	564.0	57.83	10.753		
6,750.0	6,359.7	6,334.2	6,334.2	44.7	14.1	-60.30	-126.3	2,092.9	613.7	556.1	57.55	10.663		
6,800.0	6,405.9	6,380.4	6,380.4	45.0	14.2	-52.20	-126.3	2,092.9	602.6	545.5	57.02	10.568		
6,850.0	6,451.7	6,426.2	6,426.2	45.2	14.3	-45.24	-126.3	2,092.9	588.6	532.3	56.23	10.467		
6,900.0	6,496.7	6,471.2	6,471.2	45.5	14.4	-39.51	-126.3	2,092.9	571.7	516.5	55.19	10.359		
6,950.0	6,540.7	6,515.2	6,515.2	45.6	14.5	-34.93	-126.3	2,092.9	551.9	498.0	53.90	10.239		
7,000.0	6,583.5	6,558.0	6,558.0	45.8	14.6	-31.36	-126.3	2,092.9	529.4	477.0	52.38	10.107		
7,050.0	6,624.9	6,599.4	6,599.4	46.0	14.7	-28.65	-126.3	2,092.9	504.1	453.5	50.62	9.958		
7,100.0	6,664.7	6,639.2	6,639.2	46.1	14.8	-26.68	-126.3	2,092.9	476.2	427.6	48.65	9.789		
7,150.0	6,702.8	6,677.3	6,677.3	46.2	14.9	-25.37	-126.3	2,092.9	445.8	399.3	46.46	9.595		
7,200.0	6,738.8	6,713.3	6,713.3	46.3	15.0	-24.71	-126.3	2,092.9	413.0	368.9	44.08	9.369		
7,250.0	6,772.7	6,747.2	6,747.2	46.3	15.1	-24.72	-126.3	2,092.9	377.9	336.4	41.52	9.102		
7,300.0	6,804.3	6,778.8	6,778.8	46.4	15.1	-25.49	-126.3	2,092.9	340.7	301.9	38.79	8.782		
7,350.0	6,833.4	6,807.9	6,807.9	46.4	15.2	-27.24	-126.3	2,092.9	301.6	265.7	35.96	8.388		
7,400.0	6,859.9	6,834.4	6,834.4	46.4	15.2	-30.34	-126.3	2,092.9	260.9	227.8	33.10	7.881		
7,450.0	6,883.6	6,858.1	6,858.1	46.4	15.3	-35.41	-126.3	2,092.9	218.8	188.3	30.48	7.179		
7,500.0	6,904.5	6,879.0	6,879.0	46.4	15.3	-43.37	-126.3	2,092.9	175.8	147.0	28.79	6.106		
7,550.0	6,922.4	6,896.9	6,896.9	46.4	15.4	-55.08	-126.3	2,092.9	132.6	103.2	29.48	4.499		
7,600.0	6,937.2	6,911.7	6,911.7	46.3	15.4	-69.91	-126.3	2,092.9	91.3	58.3	33.06	2.762		
7,650.0	6,949.0	6,923.5	6,923.5	46.3	15.4	-84.10	-126.3	2,092.9	58.8	22.0	36.80	1.598		
7,677.8	6,954.1	6,928.6	6,928.6	46.3	15.5	-89.99	-126.3	2,092.9	52.2	14.1	38.07	1.371 Level 3, CC, ES, SF		
7,700.0	6,957.5	6,932.0	6,932.0	46.2	15.5	-93.24	-126.3	2,092.9	56.5	17.8	38.68	1.460 Level 3		
7,750.0	6,962.9	6,937.4	6,937.4	46.2	15.5	-95.53	-126.3	2,092.9	87.8	48.5	39.28	2.235		
7,800.0	6,965.0	6,939.5	6,939.5	46.1	15.5	-91.12	-126.3	2,092.9	130.7	91.6	39.10	3.343		
7,810.9	6,965.0	6,939.5	6,939.5	46.1	15.5	-89.36	-126.3	2,092.9	140.6	101.7	38.93	3.612		
7,900.0	6,964.6	6,939.1	6,939.1	46.0	15.5	-88.92	-126.3	2,092.9	225.1	185.9	39.18	5.745		
8,000.0	6,964.1	6,938.6	6,938.6	45.9	15.5	-88.43	-126.3	2,092.9	322.9	283.4	39.53	8.167		
8,100.0	6,963.6	6,938.1	6,938.1	45.9	15.5	-87.93	-126.3	2,092.9	421.7	381.7	40.02	10.537		
8,200.0	6,963.1	6,937.6	6,937.6	45.9	15.5	-87.44	-126.3	2,092.9	521.0	480.3	40.64	12.821		
8,300.0	6,962.6	6,937.1	6,937.1	46.0	15.5	-86.94	-126.3	2,092.9	620.5	579.1	41.37	14.999		
8,400.0	6,962.1	6,936.6	6,936.6	46.1	15.5	-86.45	-126.3	2,092.9	720.1	677.9	42.21	17.061		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Reference Site:	Matrix 29- Pad Sec.29-T6N-R65W	MD Reference:	WELL @ 4729.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Matrix Q-29HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-06-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4729.5ft (RKB - 22.5')

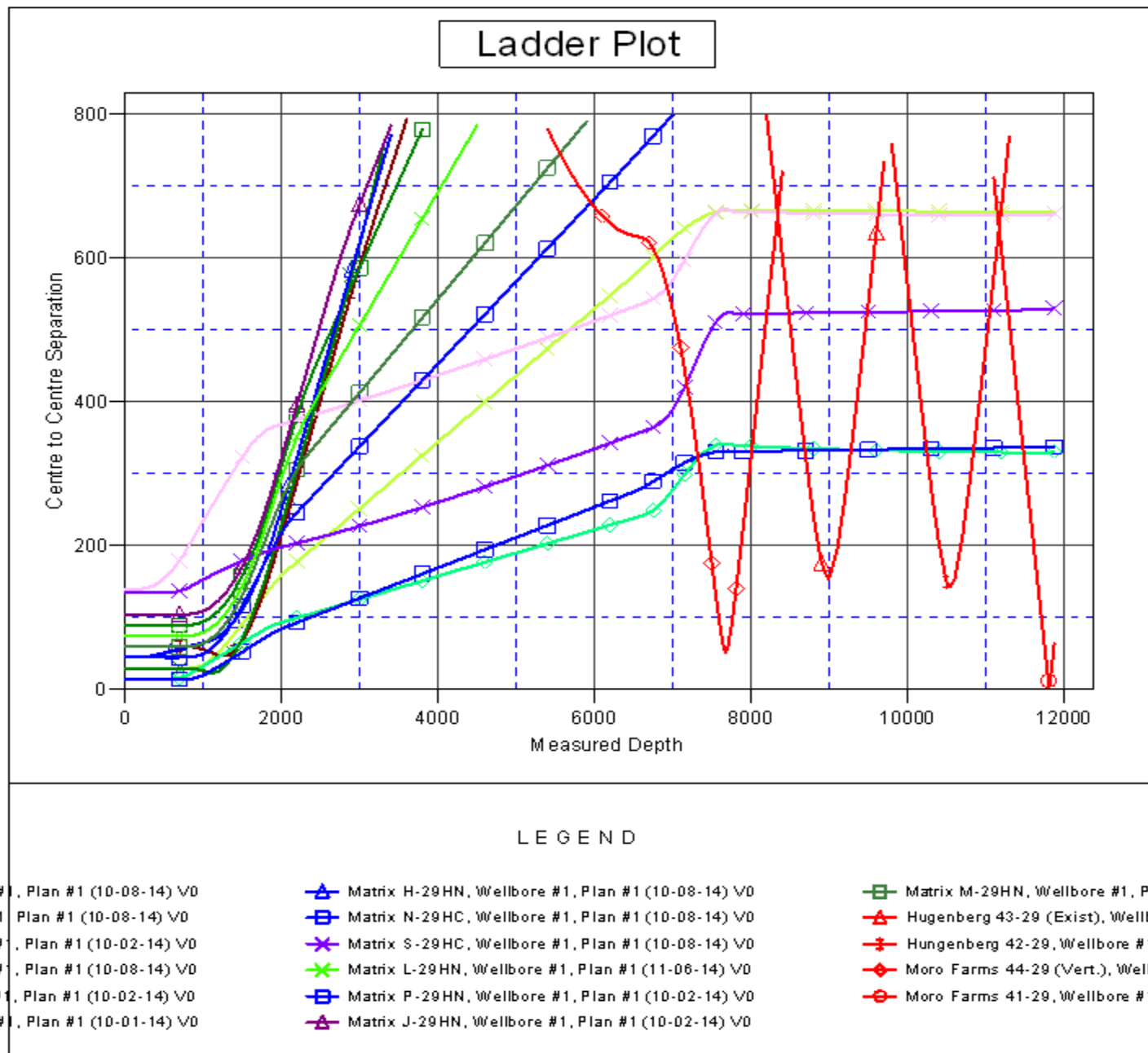
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: Matrix Q-29HN

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.52°



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Matrix Q-29HN
Project:	SEC.29-T6N-R65W	TVD Reference:	WELL @ 4729.5ft (RKB - 22.5')
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