

Bayswater Exploration & Production, LLC

Well Name: **Ivey I-11-2HN**

Surface Location: Ivey Pad Sec.11-T1S-R68W

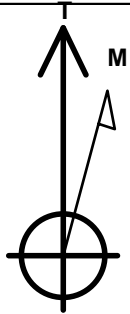
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 5108.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1234226.71	3149784.94	39.975097	-104.965539	
Original Well Elev WELL @ 5130.5ft (Original Well Elev)						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1119'FSL, 1715'FEL, SEC.11	1.0	0.0	0.0	Point
BHL 465'FNL, 2500'FEL, SEC.2	7740.0	8725.4	-758.7	Point
LANDING PT. 1785'FSL, 2500'FEL, SEC.11	7755.0	666.7	-785.8	Point



Azimuths to True North
Magnetic North: 8.52°

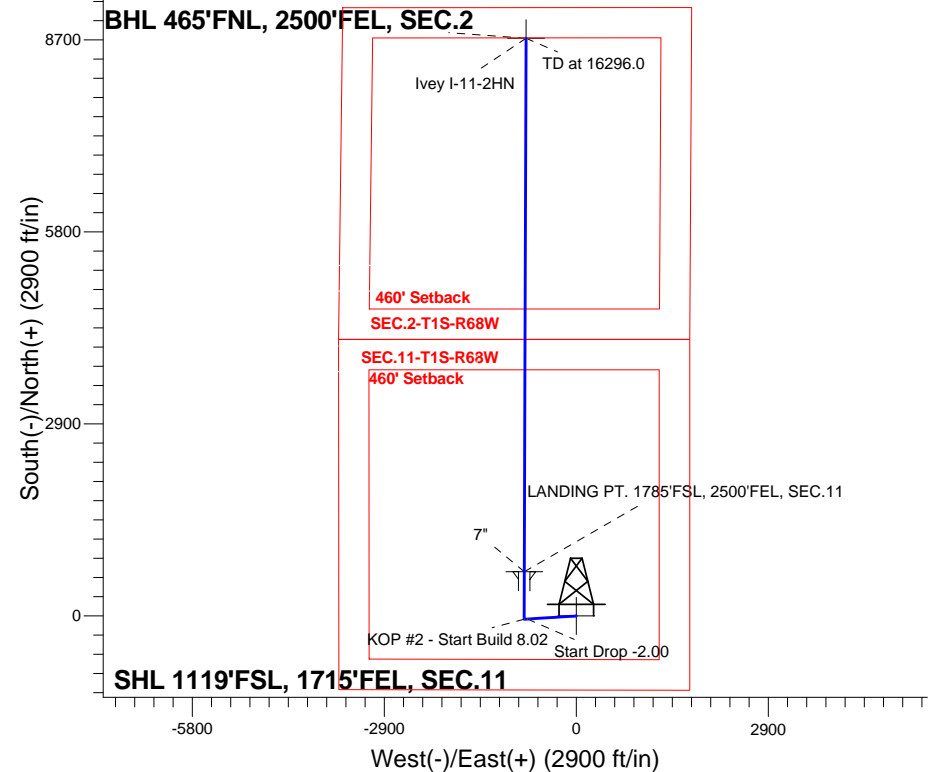
Magnetic Field
Strength: 52560.9nT
Dip Angle: 66.57°
Date: 7/10/2014
Model: IGRF2010

Ivey Pad Sec.11-T1S-R68W
Ivey I-11-2HN
Plan #1 (9-4-14)

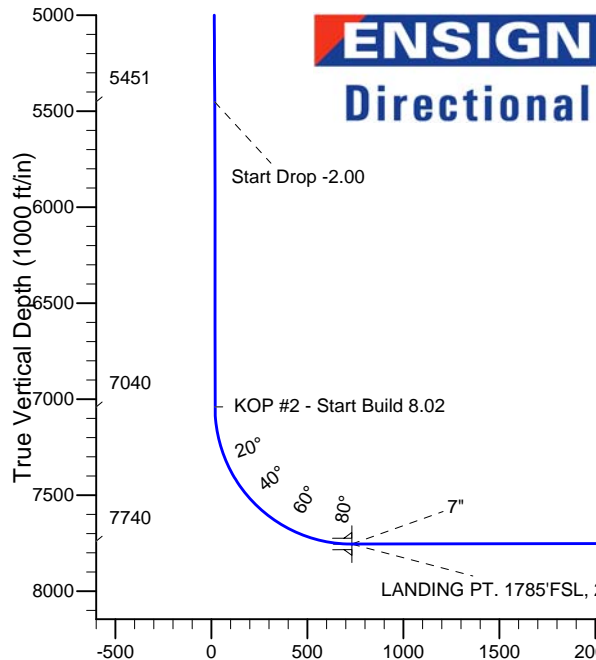
ANNOTATIONS

TVD	MD	Annotation
1400.0	1400.0	KOP - Start Build 2.00
5451.2	5520.7	Start Drop -2.00
7040.4	7113.3	KOP #2 - Start Build 8.02
7740.0	16296.0	TD at 16296.0

BHL 465'FNL, 2500'FEL, SEC.2



SHL 1119'FSL, 1715'FEL, SEC.11



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	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	1952.2	11.04	266.42	1948.8	-3.3	-53.0	2.00	266.42	1.3	
4	5520.7	11.04	266.42	5451.2	-46.0	-735.2	0.00	0.00	17.9	
5	6072.9	0.00	0.00	6000.0	-49.3	-788.2	2.00	180.00	19.2	
6	7113.3	0.00	0.00	7040.4	-49.3	-788.2	0.00	0.00	19.2	
7	8237.2	90.11	0.19	7755.0	666.7	-785.8	8.02	0.19	732.2	
8	8237.2	90.11	0.19	7755.0	666.7	-785.8	0.00	0.00	732.2	LANDING PT. 1785'FSL, 2500'FEL, SEC.11
9	8237.7	90.11	0.19	7755.0	667.2	-785.8	1.00	127.28	732.8	
10	16296.0	90.11	0.19	7740.0	8725.4	-758.7	0.00	0.00	8758.3	BHL 465'FNL, 2500'FEL, SEC.2

BHL 465'FNL, 2500'FEL, SEC.2

Vertical Section at 355.03° (1000 ft/in)



Bayswater Exploration & Production, LLC

SEC.11-T1S-R68W

Ivey Pad Sec.11-T1S-R68W

Ivey I-11-2HN

Wellbore #1

Plan: Plan #1 (9-4-14)

Standard Planning Report

05 September, 2014



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Database:	landmark	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Project:	SEC.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site:	Ivey Pad Sec.11-T1S-R68W	North Reference:	True
Well:	Ivey I-11-2HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-4-14)		

Project	SEC.11-T1S-R68W, Weld County, Colorado		
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						Ivey Pad Sec.11-T1S-R68W											
Site Position:						Northing:			1,234,283.31 ft			Latitude:			39.975252		
From:			Lat/Long			Easting:			3,149,805.06 ft			Longitude:			-104.965466		
Position Uncertainty:			0.0 ft			Slot Radius:			"			Grid Convergence:			0.35 °		

Well	Ivey I-11-2HN					
Well Position	+N-S	-56.5 ft	Northing:	1,234,226.71 ft	Latitude:	39.975097
	+E-W	-20.5 ft	Easting:	3,149,784.94 ft	Longitude:	-104.965539
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,108.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/10/2014	8.52	66.57	52,561

Design	Plan #1 (9-4-14)			
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	355.03

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,952.2	11.04	266.42	1,948.8	-3.3	-53.0	2.00	2.00	0.00	266.42	
5,520.7	11.04	266.42	5,451.2	-46.0	-735.2	0.00	0.00	0.00	0.00	
6,072.9	0.00	0.00	6,000.0	-49.3	-788.2	2.00	-2.00	0.00	180.00	
7,113.3	0.00	0.00	7,040.4	-49.3	-788.2	0.00	0.00	0.00	0.00	
8,237.2	90.11	0.19	7,755.0	666.7	-785.8	8.02	8.02	0.00	0.19	
8,237.2	90.11	0.19	7,755.0	666.7	-785.8	0.00	0.00	0.00	0.00	LANDING PT. 1785
8,237.7	90.11	0.19	7,755.0	667.2	-785.8	1.00	-0.61	0.80	127.28	
16,296.0	90.11	0.19	7,740.0	8,725.4	-758.7	0.00	0.00	0.00	0.00	BHL 465'FNL, 2500

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Project:	SEC.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site:	Ivey Pad Sec.11-T1S-R68W	North Reference:	True
Well:	Ivey I-11-2HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-4-14)		

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
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 2.00									
1,500.0	2.00	266.42	1,500.0	-0.1	-1.7	0.0	2.00	2.00	0.00
1,600.0	4.00	266.42	1,599.8	-0.4	-7.0	0.2	2.00	2.00	0.00
1,700.0	6.00	266.42	1,699.5	-1.0	-15.7	0.4	2.00	2.00	0.00
1,800.0	8.00	266.42	1,798.7	-1.7	-27.8	0.7	2.00	2.00	0.00
1,900.0	10.00	266.42	1,897.5	-2.7	-43.4	1.1	2.00	2.00	0.00
1,952.2	11.04	266.42	1,948.8	-3.3	-53.0	1.3	2.00	2.00	0.00
2,000.0	11.04	266.42	1,995.7	-3.9	-62.1	1.5	0.00	0.00	0.00
2,100.0	11.04	266.42	2,093.8	-5.1	-81.2	2.0	0.00	0.00	0.00
2,200.0	11.04	266.42	2,192.0	-6.3	-100.3	2.4	0.00	0.00	0.00
2,300.0	11.04	266.42	2,290.1	-7.5	-119.5	2.9	0.00	0.00	0.00
2,400.0	11.04	266.42	2,388.3	-8.7	-138.6	3.4	0.00	0.00	0.00
2,500.0	11.04	266.42	2,486.4	-9.9	-157.7	3.8	0.00	0.00	0.00
2,600.0	11.04	266.42	2,584.6	-11.1	-176.8	4.3	0.00	0.00	0.00
2,700.0	11.04	266.42	2,682.7	-12.3	-195.9	4.8	0.00	0.00	0.00
2,800.0	11.04	266.42	2,780.9	-13.5	-215.0	5.2	0.00	0.00	0.00
2,900.0	11.04	266.42	2,879.0	-14.6	-234.2	5.7	0.00	0.00	0.00
3,000.0	11.04	266.42	2,977.2	-15.8	-253.3	6.2	0.00	0.00	0.00
3,100.0	11.04	266.42	3,075.3	-17.0	-272.4	6.6	0.00	0.00	0.00
3,200.0	11.04	266.42	3,173.5	-18.2	-291.5	7.1	0.00	0.00	0.00
3,300.0	11.04	266.42	3,271.6	-19.4	-310.6	7.6	0.00	0.00	0.00
3,400.0	11.04	266.42	3,369.8	-20.6	-329.8	8.0	0.00	0.00	0.00
3,500.0	11.04	266.42	3,467.9	-21.8	-348.9	8.5	0.00	0.00	0.00
3,600.0	11.04	266.42	3,566.1	-23.0	-368.0	8.9	0.00	0.00	0.00
3,700.0	11.04	266.42	3,664.2	-24.2	-387.1	9.4	0.00	0.00	0.00
3,800.0	11.04	266.42	3,762.4	-25.4	-406.2	9.9	0.00	0.00	0.00
3,900.0	11.04	266.42	3,860.5	-26.6	-425.4	10.3	0.00	0.00	0.00
4,000.0	11.04	266.42	3,958.7	-27.8	-444.5	10.8	0.00	0.00	0.00
4,100.0	11.04	266.42	4,056.8	-29.0	-463.6	11.3	0.00	0.00	0.00
4,200.0	11.04	266.42	4,155.0	-30.2	-482.7	11.7	0.00	0.00	0.00
4,300.0	11.04	266.42	4,253.1	-31.4	-501.8	12.2	0.00	0.00	0.00
4,400.0	11.04	266.42	4,351.2	-32.6	-521.0	12.7	0.00	0.00	0.00
4,500.0	11.04	266.42	4,449.4	-33.8	-540.1	13.1	0.00	0.00	0.00
4,600.0	11.04	266.42	4,547.5	-35.0	-559.2	13.6	0.00	0.00	0.00
4,700.0	11.04	266.42	4,645.7	-36.2	-578.3	14.1	0.00	0.00	0.00
4,800.0	11.04	266.42	4,743.8	-37.4	-597.4	14.5	0.00	0.00	0.00
4,900.0	11.04	266.42	4,842.0	-38.6	-616.6	15.0	0.00	0.00	0.00
5,000.0	11.04	266.42	4,940.1	-39.8	-635.7	15.5	0.00	0.00	0.00
5,100.0	11.04	266.42	5,038.3	-41.0	-654.8	15.9	0.00	0.00	0.00

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Project:	SEC.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site:	Ivey Pad Sec.11-T1S-R68W	North Reference:	True
Well:	Ivey I-11-2HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-4-14)		

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)
5,200.0	11.04	266.42	5,136.4	-42.2	-673.9	16.4	0.00	0.00	0.00
5,300.0	11.04	266.42	5,234.6	-43.3	-693.0	16.8	0.00	0.00	0.00
5,400.0	11.04	266.42	5,332.7	-44.5	-712.2	17.3	0.00	0.00	0.00
5,500.0	11.04	266.42	5,430.9	-45.7	-731.3	17.8	0.00	0.00	0.00
5,520.7	11.04	266.42	5,451.2	-46.0	-735.2	17.9	0.00	0.00	0.00
Start Drop -2.00									
5,600.0	9.46	266.42	5,529.2	-46.9	-749.3	18.2	2.00	-2.00	0.00
5,700.0	7.46	266.42	5,628.1	-47.8	-764.0	18.6	2.00	-2.00	0.00
5,800.0	5.46	266.42	5,727.5	-48.5	-775.2	18.8	2.00	-2.00	0.00
5,900.0	3.46	266.42	5,827.2	-49.0	-783.0	19.0	2.00	-2.00	0.00
6,000.0	1.46	266.42	5,927.1	-49.2	-787.3	19.1	2.00	-2.00	0.00
6,072.9	0.00	0.00	6,000.0	-49.3	-788.2	19.2	2.00	-2.00	0.00
6,100.0	0.00	0.00	6,027.1	-49.3	-788.2	19.2	0.00	0.00	0.00
6,200.0	0.00	0.00	6,127.1	-49.3	-788.2	19.2	0.00	0.00	0.00
6,300.0	0.00	0.00	6,227.1	-49.3	-788.2	19.2	0.00	0.00	0.00
6,400.0	0.00	0.00	6,327.1	-49.3	-788.2	19.2	0.00	0.00	0.00
6,500.0	0.00	0.00	6,427.1	-49.3	-788.2	19.2	0.00	0.00	0.00
6,600.0	0.00	0.00	6,527.1	-49.3	-788.2	19.2	0.00	0.00	0.00
6,700.0	0.00	0.00	6,627.1	-49.3	-788.2	19.2	0.00	0.00	0.00
6,800.0	0.00	0.00	6,727.1	-49.3	-788.2	19.2	0.00	0.00	0.00
6,900.0	0.00	0.00	6,827.1	-49.3	-788.2	19.2	0.00	0.00	0.00
7,000.0	0.00	0.00	6,927.1	-49.3	-788.2	19.2	0.00	0.00	0.00
7,100.0	0.00	0.00	7,027.1	-49.3	-788.2	19.2	0.00	0.00	0.00
7,113.3	0.00	0.00	7,040.4	-49.3	-788.2	19.2	0.00	0.00	0.00
KOP #2 - Start Build 8.02									
7,200.0	6.95	0.19	7,126.9	-44.1	-788.2	24.4	8.02	8.02	0.00
7,300.0	14.97	0.19	7,225.0	-25.1	-788.1	43.3	8.02	8.02	0.00
7,400.0	22.99	0.19	7,319.5	7.4	-788.0	75.7	8.02	8.02	0.00
7,500.0	31.00	0.19	7,408.5	52.8	-787.9	120.8	8.02	8.02	0.00
7,600.0	39.02	0.19	7,490.3	110.1	-787.7	177.9	8.02	8.02	0.00
7,700.0	47.04	0.19	7,563.4	178.3	-787.5	245.8	8.02	8.02	0.00
7,800.0	55.06	0.19	7,626.2	256.0	-787.2	323.2	8.02	8.02	0.00
7,900.0	63.07	0.19	7,677.5	341.7	-786.9	408.6	8.02	8.02	0.00
8,000.0	71.09	0.19	7,716.4	433.7	-786.6	500.2	8.02	8.02	0.00
8,100.0	79.11	0.19	7,742.1	530.3	-786.3	596.4	8.02	8.02	0.00
8,200.0	87.13	0.19	7,754.1	629.5	-786.0	695.2	8.02	8.02	0.00
8,237.2	90.11	0.19	7,755.0	666.7	-785.8	732.2	8.01	8.01	0.00
7"									
8,237.7	90.11	0.19	7,755.0	667.2	-785.8	732.8	1.03	-0.62	0.82
8,300.0	90.11	0.19	7,754.9	729.5	-785.6	794.8	0.00	0.00	0.00
8,400.0	90.11	0.19	7,754.7	829.5	-785.3	894.4	0.00	0.00	0.00
8,500.0	90.11	0.19	7,754.5	929.5	-785.0	994.0	0.00	0.00	0.00
8,600.0	90.11	0.19	7,754.3	1,029.5	-784.6	1,093.6	0.00	0.00	0.00
8,700.0	90.11	0.19	7,754.1	1,129.5	-784.3	1,193.2	0.00	0.00	0.00
8,800.0	90.11	0.19	7,754.0	1,229.5	-783.9	1,292.8	0.00	0.00	0.00
8,900.0	90.11	0.19	7,753.8	1,329.5	-783.6	1,392.4	0.00	0.00	0.00
9,000.0	90.11	0.19	7,753.6	1,429.5	-783.3	1,492.0	0.00	0.00	0.00
9,100.0	90.11	0.19	7,753.4	1,529.5	-782.9	1,591.5	0.00	0.00	0.00
9,200.0	90.11	0.19	7,753.2	1,629.5	-782.6	1,691.1	0.00	0.00	0.00
9,300.0	90.11	0.19	7,753.0	1,729.5	-782.3	1,790.7	0.00	0.00	0.00
9,400.0	90.11	0.19	7,752.8	1,829.5	-781.9	1,890.3	0.00	0.00	0.00
9,500.0	90.11	0.19	7,752.6	1,929.5	-781.6	1,989.9	0.00	0.00	0.00
9,600.0	90.11	0.19	7,752.5	2,029.5	-781.3	2,089.5	0.00	0.00	0.00

Database:	landmark	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Project:	SEC.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site:	Ivey Pad Sec.11-T1S-R68W	North Reference:	True
Well:	Ivey I-11-2HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-4-14)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,700.0	90.11	0.19	7,752.3	2,129.5	-780.9	2,189.1	0.00	0.00	0.00
9,800.0	90.11	0.19	7,752.1	2,229.5	-780.6	2,288.7	0.00	0.00	0.00
9,900.0	90.11	0.19	7,751.9	2,329.5	-780.2	2,388.3	0.00	0.00	0.00
10,000.0	90.11	0.19	7,751.7	2,429.5	-779.9	2,487.9	0.00	0.00	0.00
10,100.0	90.11	0.19	7,751.5	2,529.5	-779.6	2,587.5	0.00	0.00	0.00
10,200.0	90.11	0.19	7,751.3	2,629.5	-779.2	2,687.1	0.00	0.00	0.00
10,300.0	90.11	0.19	7,751.2	2,729.5	-778.9	2,786.7	0.00	0.00	0.00
10,400.0	90.11	0.19	7,751.0	2,829.5	-778.6	2,886.3	0.00	0.00	0.00
10,500.0	90.11	0.19	7,750.8	2,929.5	-778.2	2,985.9	0.00	0.00	0.00
10,600.0	90.11	0.19	7,750.6	3,029.5	-777.9	3,085.5	0.00	0.00	0.00
10,700.0	90.11	0.19	7,750.4	3,129.5	-777.5	3,185.1	0.00	0.00	0.00
10,800.0	90.11	0.19	7,750.2	3,229.5	-777.2	3,284.6	0.00	0.00	0.00
10,900.0	90.11	0.19	7,750.0	3,329.5	-776.9	3,384.2	0.00	0.00	0.00
11,000.0	90.11	0.19	7,749.9	3,429.5	-776.5	3,483.8	0.00	0.00	0.00
11,100.0	90.11	0.19	7,749.7	3,529.5	-776.2	3,583.4	0.00	0.00	0.00
11,200.0	90.11	0.19	7,749.5	3,629.5	-775.9	3,683.0	0.00	0.00	0.00
11,300.0	90.11	0.19	7,749.3	3,729.5	-775.5	3,782.6	0.00	0.00	0.00
11,400.0	90.11	0.19	7,749.1	3,829.5	-775.2	3,882.2	0.00	0.00	0.00
11,500.0	90.11	0.19	7,748.9	3,929.5	-774.9	3,981.8	0.00	0.00	0.00
11,600.0	90.11	0.19	7,748.7	4,029.5	-774.5	4,081.4	0.00	0.00	0.00
11,700.0	90.11	0.19	7,748.6	4,129.5	-774.2	4,181.0	0.00	0.00	0.00
11,800.0	90.11	0.19	7,748.4	4,229.5	-773.8	4,280.6	0.00	0.00	0.00
11,900.0	90.11	0.19	7,748.2	4,329.5	-773.5	4,380.2	0.00	0.00	0.00
12,000.0	90.11	0.19	7,748.0	4,429.5	-773.2	4,479.8	0.00	0.00	0.00
12,100.0	90.11	0.19	7,747.8	4,529.5	-772.8	4,579.4	0.00	0.00	0.00
12,200.0	90.11	0.19	7,747.6	4,629.4	-772.5	4,679.0	0.00	0.00	0.00
12,300.0	90.11	0.19	7,747.4	4,729.4	-772.2	4,778.6	0.00	0.00	0.00
12,400.0	90.11	0.19	7,747.3	4,829.4	-771.8	4,878.2	0.00	0.00	0.00
12,500.0	90.11	0.19	7,747.1	4,929.4	-771.5	4,977.7	0.00	0.00	0.00
12,600.0	90.11	0.19	7,746.9	5,029.4	-771.1	5,077.3	0.00	0.00	0.00
12,700.0	90.11	0.19	7,746.7	5,129.4	-770.8	5,176.9	0.00	0.00	0.00
12,800.0	90.11	0.19	7,746.5	5,229.4	-770.5	5,276.5	0.00	0.00	0.00
12,900.0	90.11	0.19	7,746.3	5,329.4	-770.1	5,376.1	0.00	0.00	0.00
13,000.0	90.11	0.19	7,746.1	5,429.4	-769.8	5,475.7	0.00	0.00	0.00
13,100.0	90.11	0.19	7,745.9	5,529.4	-769.5	5,575.3	0.00	0.00	0.00
13,200.0	90.11	0.19	7,745.8	5,629.4	-769.1	5,674.9	0.00	0.00	0.00
13,300.0	90.11	0.19	7,745.6	5,729.4	-768.8	5,774.5	0.00	0.00	0.00
13,400.0	90.11	0.19	7,745.4	5,829.4	-768.4	5,874.1	0.00	0.00	0.00
13,500.0	90.11	0.19	7,745.2	5,929.4	-768.1	5,973.7	0.00	0.00	0.00
13,600.0	90.11	0.19	7,745.0	6,029.4	-767.8	6,073.3	0.00	0.00	0.00
13,700.0	90.11	0.19	7,744.8	6,129.4	-767.4	6,172.9	0.00	0.00	0.00
13,800.0	90.11	0.19	7,744.6	6,229.4	-767.1	6,272.5	0.00	0.00	0.00
13,900.0	90.11	0.19	7,744.5	6,329.4	-766.8	6,372.1	0.00	0.00	0.00
14,000.0	90.11	0.19	7,744.3	6,429.4	-766.4	6,471.7	0.00	0.00	0.00
14,100.0	90.11	0.19	7,744.1	6,529.4	-766.1	6,571.3	0.00	0.00	0.00
14,200.0	90.11	0.19	7,743.9	6,629.4	-765.8	6,670.8	0.00	0.00	0.00
14,300.0	90.11	0.19	7,743.7	6,729.4	-765.4	6,770.4	0.00	0.00	0.00
14,400.0	90.11	0.19	7,743.5	6,829.4	-765.1	6,870.0	0.00	0.00	0.00
14,500.0	90.11	0.19	7,743.3	6,929.4	-764.7	6,969.6	0.00	0.00	0.00
14,600.0	90.11	0.19	7,743.2	7,029.4	-764.4	7,069.2	0.00	0.00	0.00
14,700.0	90.11	0.19	7,743.0	7,129.4	-764.1	7,168.8	0.00	0.00	0.00
14,800.0	90.11	0.19	7,742.8	7,229.4	-763.7	7,268.4	0.00	0.00	0.00
14,900.0	90.11	0.19	7,742.6	7,329.4	-763.4	7,368.0	0.00	0.00	0.00
15,000.0	90.11	0.19	7,742.4	7,429.4	-763.1	7,467.6	0.00	0.00	0.00

Database:	landmark	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Project:	SEC.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site:	Ivey Pad Sec.11-T1S-R68W	North Reference:	True
Well:	Ivey I-11-2HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-4-14)		

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)	
15,100.0	90.11	0.19	7,742.2	7,529.4	-762.7	7,567.2	0.00	0.00	0.00	
15,200.0	90.11	0.19	7,742.0	7,629.4	-762.4	7,666.8	0.00	0.00	0.00	
15,300.0	90.11	0.19	7,741.9	7,729.4	-762.0	7,766.4	0.00	0.00	0.00	
15,400.0	90.11	0.19	7,741.7	7,829.4	-761.7	7,866.0	0.00	0.00	0.00	
15,500.0	90.11	0.19	7,741.5	7,929.4	-761.4	7,965.6	0.00	0.00	0.00	
15,600.0	90.11	0.19	7,741.3	8,029.4	-761.0	8,065.2	0.00	0.00	0.00	
15,700.0	90.11	0.19	7,741.1	8,129.4	-760.7	8,164.8	0.00	0.00	0.00	
15,800.0	90.11	0.19	7,740.9	8,229.4	-760.4	8,264.4	0.00	0.00	0.00	
15,900.0	90.11	0.19	7,740.7	8,329.4	-760.0	8,363.9	0.00	0.00	0.00	
16,000.0	90.11	0.19	7,740.6	8,429.4	-759.7	8,463.5	0.00	0.00	0.00	
16,100.0	90.11	0.19	7,740.4	8,529.4	-759.4	8,563.1	0.00	0.00	0.00	
16,200.0	90.11	0.19	7,740.2	8,629.4	-759.0	8,662.7	0.00	0.00	0.00	
16,296.0	90.11	0.19	7,740.0	8,725.4	-758.7	8,758.3	0.00	0.00	0.00	

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
- hit/miss target										
- Shape										
SHL 1119'FSL, 1715'f	0.00	0.00	1.0	0.0	0.0	1,234,226.72	3,149,784.94	39.975097	-104.965539	
- plan hits target										
- Point										
LANDING PT. 1785'F:	0.00	0.00	7,755.0	666.7	-785.8	1,234,888.61	3,148,995.12	39.976927	-104.968343	
- plan hits target										
- Point										
BHL 465'FNL, 2500'F:	0.00	0.00	7,740.0	8,725.4	-758.7	1,242,947.08	3,148,973.70	39.999049	-104.968247	
- plan hits target										
- Point										

Casing Points									
Measured Depth (ft)	Vertical Depth (ft)	Name				Casing Diameter (")	Hole Diameter (")		
8,237.2	7,755.0	7"				7	7-1/2		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
1,400.0	1,400.0	0.0	0.0	KOP - Start Build 2.00	
5,520.7	5,451.2	-46.0	-735.2	Start Drop -2.00	
7,113.3	7,040.4	-49.3	-788.2	KOP #2 - Start Build 8.02	
16,296.0	7,740.0	8,725.4	-758.7	TD at 16296.0	



Bayswater Exploration & Production, LLC

SEC.11-T1S-R68W

Ivey Pad Sec.11-T1S-R68W

Ivey I-11-2HN

Wellbore #1

Plan #1 (9-4-14)

Anticollision Report

05 September, 2014



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (9-4-14)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 600.0ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program	Date 9/5/2014			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	16,296.0	Plan #1 (9-4-14) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Ivey Pad Sec.11-T1S-R68W						
Ivey H-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,200.0	1,200.0	15.2	10.0	2.935	CC, ES
Ivey H-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	16,296.0	16,228.9	342.1	18.5	1.057	Level 2, SF
Ivey I-11-2HC - Wellbore #1 - Plan #1 (9-4-14)	1,400.0	1,400.0	14.7	8.7	2.427	CC, ES
Ivey I-11-2HC - Wellbore #1 - Plan #1 (9-4-14)	16,296.0	16,502.2	297.1	79.2	1.364	Level 3, SF
Ivey J-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,400.0	1,400.0	29.9	23.8	4.927	CC
Ivey J-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	16,296.0	16,246.3	330.0	-4.8	0.986	Level 1, ES, SF
Ivey K-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,400.0	1,399.0	45.0	38.9	7.414	CC, ES
Ivey K-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,600.0	1,598.8	48.2	41.3	6.961	SF
Ivey L-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,400.0	1,399.0	60.1	54.0	9.900	CC, ES
Ivey L-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,600.0	1,598.8	63.2	56.2	9.121	SF
Ivey M-11-12HC - Wellbore #1 - Plan #1 (7-02-14)	800.0	800.0	45.0	41.6	13.343	CC, ES
Ivey M-11-12HC - Wellbore #1 - Plan #1 (7-02-14)	5,600.0	5,586.2	113.4	85.9	4.130	SF
Ivey M-11-12HN - Wellbore #1 - Plan #2 (9-4-14)	1,000.0	1,000.0	30.3	26.0	7.085	CC, ES
Ivey M-11-12HN - Wellbore #1 - Plan #2 (9-4-14)	7,673.1	7,881.4	149.9	113.8	4.155	SF
Ivey M-11-2HC - Wellbore #1 - Plan #1 (9-4-14)	1,000.0	998.0	75.4	71.2	17.685	CC, ES
Ivey M-11-2HC - Wellbore #1 - Plan #1 (9-4-14)	1,300.0	1,292.8	84.6	79.1	15.244	SF
Ivey M-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,400.0	1,399.0	66.4	60.4	10.952	CC, ES
Ivey M-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,600.0	1,597.8	71.5	64.6	10.355	SF
Ivey N-11-12HN - Wellbore #1 - Plan #1 (7-02-13)	600.0	599.0	60.2	57.7	24.352	CC, ES
Ivey N-11-12HN - Wellbore #1 - Plan #1 (7-02-13)	7,477.6	7,761.4	389.6	350.1	9.853	SF
Ivey O-11-12HN - Wellbore #1 - Plan #1 (8-21-14)	400.0	399.0	75.2	73.7	47.882	CC, ES
Ivey O-11-12HN - Wellbore #1 - Plan #1 (8-21-14)	5,600.0	5,555.9	484.4	448.2	13.386	SF

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey H-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												
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
0.0	0.0	0.0	0.0	0.0	0.0	-159.45	-14.2	-5.3	15.2	15.2	0.00	N/A
100.0	100.0	100.0	100.0	0.1	0.1	-159.45	-14.2	-5.3	15.2	14.9	0.22	67.503
200.0	200.0	200.0	200.0	0.3	0.3	-159.45	-14.2	-5.3	15.2	14.5	0.67	22.501
300.0	300.0	300.0	300.0	0.6	0.6	-159.45	-14.2	-5.3	15.2	14.0	1.12	13.501
400.0	400.0	400.0	400.0	0.8	0.8	-159.45	-14.2	-5.3	15.2	13.6	1.57	9.643
500.0	500.0	500.0	500.0	1.0	1.0	-159.45	-14.2	-5.3	15.2	13.1	2.02	7.500

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey H-11-2HN - Wellbore #1 - Plan #1 (9-4-14)													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
600.0	600.0	600.0	600.0	1.2	1.2	-159.45	-14.2	-5.3	15.2	12.7	2.47	6.137	
700.0	700.0	700.0	700.0	1.5	1.5	-159.45	-14.2	-5.3	15.2	12.3	2.92	5.193	
800.0	800.0	800.0	800.0	1.7	1.7	-159.45	-14.2	-5.3	15.2	11.8	3.37	4.500	
900.0	900.0	900.0	900.0	1.9	1.9	-159.45	-14.2	-5.3	15.2	11.4	3.82	3.971	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-159.45	-14.2	-5.3	15.2	10.9	4.27	3.553	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-159.45	-14.2	-5.3	15.2	10.5	4.72	3.214	
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-159.45	-14.2	-5.3	15.2	10.0	5.17	2.935 CC, ES	
1,300.0	1,300.0	1,299.8	1,299.8	2.8	2.8	-153.20	-14.0	-7.0	15.6	10.0	5.61	2.787	
1,400.0	1,400.0	1,399.5	1,399.3	3.0	3.0	-137.25	-13.2	-12.2	18.0	11.9	6.04	2.976	
1,500.0	1,500.0	1,498.7	1,498.2	3.2	3.2	-28.25	-11.9	-20.7	22.4	16.0	6.46	3.473	
1,600.0	1,599.8	1,597.8	1,596.5	3.4	3.5	-17.07	-10.1	-32.6	27.6	20.8	6.86	4.027	
1,700.0	1,699.5	1,696.6	1,694.1	3.7	3.7	-8.46	-7.9	-47.8	33.3	26.0	7.25	4.590	
1,800.0	1,798.7	1,795.1	1,790.8	3.9	4.0	-1.45	-5.1	-66.2	39.4	31.7	7.65	5.146	
1,900.0	1,897.5	1,894.6	1,888.1	4.2	4.4	4.37	-2.0	-87.1	44.6	36.6	8.05	5.543	
2,000.0	1,995.7	1,994.5	1,985.7	4.4	4.7	9.52	1.1	-108.0	47.3	38.8	8.48	5.570	
2,100.0	2,093.8	2,094.4	2,083.3	4.8	5.1	14.24	4.2	-128.9	49.8	40.8	8.96	5.553	
2,200.0	2,192.0	2,194.3	2,180.9	5.1	5.5	18.47	7.3	-149.9	52.6	43.1	9.47	5.552	
2,300.0	2,290.1	2,294.2	2,278.5	5.4	5.9	22.26	10.4	-170.8	55.6	45.6	10.01	5.558	
2,400.0	2,388.3	2,394.0	2,376.2	5.8	6.3	25.65	13.5	-191.8	58.9	48.3	10.59	5.567	
2,500.0	2,486.4	2,493.9	2,473.8	6.2	6.7	28.66	16.7	-212.7	62.4	51.2	11.19	5.576	
2,600.0	2,584.6	2,593.8	2,571.4	6.5	7.2	31.35	19.8	-233.7	66.0	54.2	11.83	5.583	
2,700.0	2,682.7	2,693.7	2,669.0	6.9	7.6	33.76	22.9	-254.6	69.8	57.3	12.49	5.588	
2,800.0	2,780.9	2,793.6	2,766.6	7.3	8.0	35.91	26.0	-275.6	73.6	60.5	13.17	5.591	
2,900.0	2,879.0	2,893.5	2,864.3	7.7	8.5	37.85	29.1	-296.5	77.6	63.7	13.88	5.593	
3,000.0	2,977.2	2,993.4	2,961.9	8.1	8.9	39.60	32.2	-317.5	81.6	67.0	14.60	5.593	
3,100.0	3,075.3	3,093.3	3,059.5	8.5	9.4	41.19	35.4	-338.4	85.8	70.4	15.33	5.592	
3,200.0	3,173.5	3,193.2	3,157.1	8.9	9.8	42.63	38.5	-359.4	89.9	73.8	16.08	5.591	
3,300.0	3,271.6	3,293.0	3,254.7	9.3	10.2	43.94	41.6	-380.3	94.1	77.3	16.84	5.589	
3,400.0	3,369.8	3,392.9	3,352.3	9.7	10.7	45.13	44.7	-401.2	98.4	80.8	17.61	5.586	
3,500.0	3,467.9	3,492.8	3,450.0	10.1	11.1	46.23	47.8	-422.2	102.7	84.3	18.39	5.584	
3,600.0	3,566.1	3,592.7	3,547.6	10.6	11.6	47.24	51.0	-443.1	107.0	87.9	19.18	5.582	
3,700.0	3,664.2	3,692.6	3,645.2	11.0	12.1	48.17	54.1	-464.1	111.4	91.4	19.97	5.579	
3,800.0	3,762.4	3,792.5	3,742.8	11.4	12.5	49.03	57.2	-485.0	115.8	95.0	20.77	5.577	
3,900.0	3,860.5	3,892.4	3,840.4	11.8	13.0	49.83	60.3	-506.0	120.2	98.7	21.57	5.574	
4,000.0	3,958.7	3,992.3	3,938.1	12.2	13.4	50.57	63.4	-526.9	124.7	102.3	22.37	5.572	
4,100.0	4,056.8	4,092.1	4,035.7	12.6	13.9	51.25	66.5	-547.9	129.1	105.9	23.18	5.570	
4,200.0	4,155.0	4,192.0	4,133.3	13.1	14.3	51.90	69.7	-568.8	133.6	109.6	23.99	5.568	
4,300.0	4,253.1	4,291.9	4,230.9	13.5	14.8	52.50	72.8	-589.8	138.1	113.3	24.81	5.567	
4,400.0	4,351.2	4,391.8	4,328.5	13.9	15.3	53.06	75.9	-610.7	142.6	117.0	25.63	5.565	
4,500.0	4,449.4	4,491.7	4,426.1	14.3	15.7	53.59	79.0	-631.7	147.1	120.7	26.45	5.563	
4,600.0	4,547.5	4,591.6	4,523.8	14.8	16.2	54.09	82.1	-652.6	151.7	124.4	27.27	5.562	
4,700.0	4,645.7	4,691.5	4,621.4	15.2	16.6	54.55	85.2	-673.5	156.2	128.1	28.09	5.561	
4,800.0	4,743.8	4,791.4	4,719.0	15.6	17.1	55.00	88.4	-694.5	160.8	131.8	28.92	5.559	
4,900.0	4,842.0	4,891.3	4,816.6	16.0	17.6	55.41	91.5	-715.4	165.3	135.6	29.74	5.558	
5,000.0	4,940.1	4,991.1	4,914.2	16.5	18.0	55.81	94.6	-736.4	169.9	139.3	30.57	5.557	
5,100.0	5,038.3	5,091.0	5,011.9	16.9	18.5	56.18	97.7	-757.3	174.5	143.1	31.40	5.556	
5,200.0	5,136.4	5,190.9	5,109.5	17.3	19.0	56.54	100.8	-778.3	179.1	146.8	32.23	5.555	
5,300.0	5,234.6	5,290.8	5,207.1	17.7	19.4	56.87	103.9	-799.2	183.6	150.6	33.06	5.555	
5,400.0	5,332.7	5,390.7	5,304.7	18.2	19.9	57.20	107.1	-820.2	188.2	154.3	33.89	5.554	
5,500.0	5,430.9	5,490.6	5,402.3	18.6	20.3	57.50	110.2	-841.1	192.8	158.1	34.73	5.553	
5,600.0	5,529.2	5,590.5	5,499.9	19.0	20.8	57.60	113.3	-862.1	198.0	162.6	35.46	5.585	
5,700.0	5,628.1	5,690.2	5,597.4	19.2	21.3	56.93	116.4	-883.0	205.1	169.1	35.94	5.706	

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey H-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												Offset Site Error:	0.0ft
Survey Program: 0-MWD												Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,800.0	5,727.5	5,789.6	5,694.5	19.5	21.7	55.57	119.5	-903.8	214.1	177.9	36.23	5.910	
5,900.0	5,827.2	5,888.6	5,791.3	19.7	22.2	53.65	122.6	-924.6	225.3	189.0	36.34	6.201	
6,000.0	5,927.1	5,987.2	5,887.6	19.8	22.6	51.31	125.7	-945.2	239.0	202.7	36.28	6.587	
6,100.0	6,027.1	6,085.1	5,983.3	20.0	23.1	-44.93	128.7	-965.8	255.2	219.2	36.05	7.079	
6,200.0	6,127.1	6,182.8	6,078.8	20.1	23.6	-47.57	131.8	-986.3	272.7	236.8	35.90	7.596	
6,300.0	6,227.1	6,280.5	6,174.3	20.3	24.0	-49.89	134.8	-1,006.8	290.6	254.8	35.81	8.116	
6,400.0	6,327.1	6,378.2	6,269.8	20.4	24.5	-51.94	137.9	-1,027.3	309.0	273.2	35.78	8.636	
6,500.0	6,427.1	6,476.0	6,365.3	20.5	24.9	-53.76	140.9	-1,047.7	327.7	291.9	35.80	9.152	
6,600.0	6,527.1	6,582.2	6,469.4	20.7	25.4	-55.44	144.1	-1,069.0	345.8	309.9	35.85	9.645	
6,700.0	6,627.1	6,693.2	6,578.8	20.8	25.7	-56.74	146.8	-1,087.2	360.8	324.9	35.95	10.038	
6,800.0	6,727.1	6,805.5	6,690.2	21.0	26.0	-57.67	148.9	-1,101.4	372.5	336.4	36.12	10.313	
6,900.0	6,827.1	6,918.8	6,803.0	21.1	26.2	-58.28	150.4	-1,111.3	380.6	344.3	36.35	10.471	
7,000.0	6,927.1	7,032.7	6,916.8	21.3	26.4	-58.61	151.2	-1,116.8	385.1	348.5	36.63	10.513	
7,100.0	7,027.1	7,143.0	7,027.1	21.4	26.5	-58.68	151.4	-1,118.0	386.1	349.1	36.96	10.447	
7,200.0	7,126.9	7,242.8	7,126.9	21.6	26.6	-59.72	151.4	-1,118.0	383.4	346.2	37.22	10.302	
7,300.0	7,225.0	7,322.2	7,206.1	21.7	26.7	-61.68	155.3	-1,118.0	376.5	339.6	36.89	10.205	
7,400.0	7,319.5	7,400.0	7,282.9	21.9	26.9	-64.06	167.6	-1,118.0	368.6	332.3	36.33	10.146	
7,500.0	7,408.5	7,482.3	7,362.1	22.0	27.0	-67.00	189.7	-1,117.9	360.3	324.5	35.75	10.077	
7,600.0	7,490.3	7,564.5	7,438.3	22.2	27.2	-70.38	220.6	-1,117.8	352.0	316.6	35.45	9.931	
7,700.0	7,563.4	7,650.0	7,513.1	22.4	27.4	-74.28	261.9	-1,117.7	344.3	308.7	35.63	9.664	
7,800.0	7,626.2	7,734.9	7,582.0	22.6	27.6	-78.49	311.4	-1,117.5	337.8	301.4	36.38	9.285	
7,900.0	7,677.5	7,823.9	7,647.4	23.0	27.9	-83.11	371.6	-1,117.3	333.1	295.5	37.64	8.850	
8,000.0	7,716.4	7,916.0	7,706.6	23.4	28.3	-87.99	442.0	-1,117.1	330.7	291.6	39.15	8.447	
8,040.1	7,728.4	7,953.9	7,728.3	23.6	28.4	-89.99	473.1	-1,117.0	330.5	290.7	39.78	8.309	
8,100.0	7,742.1	8,011.6	7,758.1	24.0	28.7	-93.00	522.6	-1,116.8	331.0	290.4	40.62	8.149	
8,200.0	7,754.1	8,111.5	7,799.8	24.7	29.3	-98.01	613.3	-1,116.5	334.1	292.3	41.79	7.994	
8,300.0	7,754.9	8,217.0	7,829.7	25.6	30.0	-102.75	714.3	-1,116.2	339.3	296.4	42.84	7.919	
8,400.0	7,754.7	8,329.2	7,844.8	26.6	30.9	-105.25	825.4	-1,115.8	342.6	298.0	44.66	7.672	
8,500.0	7,754.5	8,434.6	7,845.9	27.7	31.8	-105.45	930.8	-1,115.5	342.9	295.8	47.13	7.276	
8,600.0	7,754.3	8,534.6	7,845.7	28.9	32.9	-105.45	1,030.8	-1,115.1	342.9	293.2	49.75	6.893	
8,700.0	7,754.1	8,634.6	7,845.5	30.2	34.0	-105.45	1,130.8	-1,114.8	342.9	290.4	52.50	6.532	
8,800.0	7,754.0	8,734.6	7,845.3	31.6	35.1	-105.44	1,230.8	-1,114.5	342.9	287.5	55.36	6.194	
8,900.0	7,753.8	8,834.6	7,845.1	33.0	36.4	-105.44	1,330.8	-1,114.1	342.9	284.6	58.32	5.880	
9,000.0	7,753.6	8,934.6	7,844.9	34.5	37.7	-105.44	1,430.8	-1,113.8	342.9	281.5	61.36	5.588	
9,100.0	7,753.4	9,034.6	7,844.6	36.0	39.1	-105.44	1,530.8	-1,113.4	342.9	278.4	64.47	5.318	
9,200.0	7,753.2	9,134.6	7,844.4	37.5	40.5	-105.43	1,630.8	-1,113.1	342.9	275.2	67.64	5.069	
9,300.0	7,753.0	9,234.6	7,844.2	39.1	41.9	-105.43	1,730.8	-1,112.7	342.8	272.0	70.86	4.838	
9,400.0	7,752.8	9,334.6	7,844.0	40.7	43.4	-105.43	1,830.8	-1,112.4	342.8	268.7	74.13	4.625	
9,500.0	7,752.6	9,434.6	7,843.8	42.4	44.9	-105.43	1,930.8	-1,112.1	342.8	265.4	77.44	4.427	
9,600.0	7,752.5	9,534.6	7,843.6	44.0	46.5	-105.42	2,030.8	-1,111.7	342.8	262.0	80.78	4.244	
9,700.0	7,752.3	9,634.6	7,843.4	45.7	48.1	-105.42	2,130.8	-1,111.4	342.8	258.6	84.16	4.073	
9,800.0	7,752.1	9,734.6	7,843.2	47.4	49.7	-105.42	2,230.8	-1,111.0	342.8	255.2	87.56	3.915	
9,900.0	7,751.9	9,834.6	7,843.0	49.1	51.3	-105.42	2,330.8	-1,110.7	342.8	251.8	90.99	3.767	
10,000.0	7,751.7	9,934.6	7,842.8	50.9	53.0	-105.41	2,430.8	-1,110.3	342.8	248.3	94.44	3.630	
10,100.0	7,751.5	10,034.6	7,842.6	52.6	54.6	-105.41	2,530.8	-1,110.0	342.8	244.9	97.90	3.501	
10,200.0	7,751.3	10,134.6	7,842.4	54.4	56.3	-105.41	2,630.8	-1,109.7	342.7	241.4	101.39	3.381	
10,300.0	7,751.2	10,234.6	7,842.2	56.1	58.0	-105.41	2,730.8	-1,109.3	342.7	237.8	104.89	3.268	
10,400.0	7,751.0	10,334.6	7,842.0	57.9	59.7	-105.40	2,830.8	-1,109.0	342.7	234.3	108.40	3.162	
10,500.0	7,750.8	10,434.6	7,841.8	59.7	61.4	-105.40	2,930.8	-1,108.6	342.7	230.8	111.93	3.062	
10,600.0	7,750.6	10,534.6	7,841.6	61.5	63.2	-105.40	3,030.8	-1,108.3	342.7	227.2	115.47	2.968	
10,700.0	7,750.4	10,634.6	7,841.4	63.3	64.9	-105.40	3,130.8	-1,107.9	342.7	223.7	119.02	2.879	
10,800.0	7,750.2	10,734.6	7,841.2	65.1	66.7	-105.39	3,230.8	-1,107.6	342.7	220.1	122.58	2.796	

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey H-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWDD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
10,900.0	7,750.0	10,834.6	7,841.0	66.9	68.4	-105.39	3,330.8	-1,107.2	342.7	216.5	126.15	2.716	
11,000.0	7,749.9	10,934.6	7,840.8	68.7	70.2	-105.39	3,430.8	-1,106.9	342.7	212.9	129.73	2.641	
11,100.0	7,749.7	11,034.6	7,840.6	70.5	72.0	-105.39	3,530.8	-1,106.6	342.6	209.3	133.31	2.570	
11,200.0	7,749.5	11,134.6	7,840.4	72.3	73.8	-105.38	3,630.8	-1,106.2	342.6	205.7	136.90	2.503	
11,300.0	7,749.3	11,234.6	7,840.2	74.2	75.6	-105.38	3,730.8	-1,105.9	342.6	202.1	140.50	2.439	
11,400.0	7,749.1	11,334.6	7,840.0	76.0	77.4	-105.38	3,830.8	-1,105.5	342.6	198.5	144.10	2.378	
11,500.0	7,748.9	11,434.6	7,839.8	77.8	79.2	-105.37	3,930.8	-1,105.2	342.6	194.9	147.71	2.319	
11,600.0	7,748.7	11,534.6	7,839.6	79.7	81.0	-105.37	4,030.8	-1,104.8	342.6	191.3	151.32	2.264	
11,700.0	7,748.6	11,634.6	7,839.4	81.5	82.8	-105.37	4,130.8	-1,104.5	342.6	187.6	154.94	2.211	
11,800.0	7,748.4	11,734.6	7,839.2	83.4	84.6	-105.37	4,230.8	-1,104.2	342.6	184.0	158.57	2.160	
11,900.0	7,748.2	11,834.6	7,838.9	85.2	86.4	-105.36	4,330.8	-1,103.8	342.6	180.4	162.19	2.112	
12,000.0	7,748.0	11,934.6	7,838.7	87.1	88.3	-105.36	4,430.8	-1,103.5	342.5	176.7	165.83	2.066	
12,100.0	7,747.8	12,034.6	7,838.5	88.9	90.1	-105.36	4,530.8	-1,103.1	342.5	173.1	169.46	2.021	
12,200.0	7,747.6	12,134.6	7,838.3	90.8	91.9	-105.36	4,630.8	-1,102.8	342.5	169.4	173.10	1.979	
12,300.0	7,747.4	12,234.6	7,838.1	92.7	93.8	-105.35	4,730.8	-1,102.4	342.5	165.8	176.74	1.938	
12,400.0	7,747.3	12,334.6	7,837.9	94.5	95.6	-105.35	4,830.8	-1,102.1	342.5	162.1	180.38	1.899	
12,500.0	7,747.1	12,434.6	7,837.7	96.4	97.4	-105.35	4,930.8	-1,101.8	342.5	158.5	184.03	1.861	
12,600.0	7,746.9	12,534.6	7,837.5	98.3	99.3	-105.35	5,030.8	-1,101.4	342.5	154.8	187.68	1.825	
12,700.0	7,746.7	12,634.6	7,837.3	100.1	101.1	-105.34	5,130.8	-1,101.1	342.5	151.1	191.34	1.790	
12,800.0	7,746.5	12,734.6	7,837.1	102.0	103.0	-105.34	5,230.8	-1,100.7	342.5	147.5	194.99	1.756	
12,900.0	7,746.3	12,834.6	7,836.9	103.9	104.8	-105.34	5,330.8	-1,100.4	342.5	143.8	198.65	1.724	
13,000.0	7,746.1	12,934.6	7,836.7	105.7	106.7	-105.34	5,430.8	-1,100.0	342.4	140.1	202.31	1.693	
13,100.0	7,745.9	13,034.6	7,836.5	107.6	108.5	-105.33	5,530.8	-1,099.7	342.4	136.5	205.97	1.663	
13,200.0	7,745.8	13,134.6	7,836.3	109.5	110.4	-105.33	5,630.8	-1,099.4	342.4	132.8	209.63	1.633	
13,300.0	7,745.6	13,234.6	7,836.1	111.4	112.3	-105.33	5,730.8	-1,099.0	342.4	129.1	213.30	1.605	
13,400.0	7,745.4	13,334.6	7,835.9	113.3	114.1	-105.33	5,830.8	-1,098.7	342.4	125.4	216.96	1.578	
13,500.0	7,745.2	13,434.6	7,835.7	115.1	116.0	-105.32	5,930.8	-1,098.3	342.4	121.8	220.63	1.552	
13,600.0	7,745.0	13,534.6	7,835.5	117.0	117.9	-105.32	6,030.8	-1,098.0	342.4	118.1	224.30	1.526	
13,700.0	7,744.8	13,634.6	7,835.3	118.9	119.7	-105.32	6,130.8	-1,097.6	342.4	114.4	227.98	1.502	
13,800.0	7,744.6	13,734.6	7,835.1	120.8	121.6	-105.32	6,230.8	-1,097.3	342.4	110.7	231.65	1.478 Level 3	
13,900.0	7,744.5	13,834.6	7,834.9	122.7	123.5	-105.31	6,330.8	-1,097.0	342.3	107.0	235.32	1.455 Level 3	
14,000.0	7,744.3	13,934.6	7,834.7	124.5	125.3	-105.31	6,430.8	-1,096.6	342.3	103.3	239.00	1.432 Level 3	
14,100.0	7,744.1	14,034.6	7,834.5	126.4	127.2	-105.31	6,530.8	-1,096.3	342.3	99.6	242.68	1.411 Level 3	
14,200.0	7,743.9	14,134.6	7,834.3	128.3	129.1	-105.31	6,630.8	-1,095.9	342.3	96.0	246.35	1.390 Level 3	
14,300.0	7,743.7	14,234.6	7,834.1	130.2	131.0	-105.30	6,730.8	-1,095.6	342.3	92.3	250.03	1.369 Level 3	
14,400.0	7,743.5	14,334.6	7,833.9	132.1	132.8	-105.30	6,830.8	-1,095.2	342.3	88.6	253.71	1.349 Level 3	
14,500.0	7,743.3	14,434.6	7,833.7	134.0	134.7	-105.30	6,930.8	-1,094.9	342.3	84.9	257.40	1.330 Level 3	
14,600.0	7,743.2	14,534.6	7,833.5	135.9	136.6	-105.30	7,030.7	-1,094.5	342.3	81.2	261.08	1.311 Level 3	
14,700.0	7,743.0	14,634.6	7,833.2	137.8	138.5	-105.29	7,130.7	-1,094.2	342.3	77.5	264.76	1.293 Level 3	
14,800.0	7,742.8	14,734.6	7,833.0	139.7	140.3	-105.29	7,230.7	-1,093.9	342.2	73.8	268.45	1.275 Level 3	
14,900.0	7,742.6	14,834.6	7,832.8	141.5	142.2	-105.29	7,330.7	-1,093.5	342.2	70.1	272.13	1.258 Level 3	
15,000.0	7,742.4	14,934.6	7,832.6	143.4	144.1	-105.29	7,430.7	-1,093.2	342.2	66.4	275.82	1.241 Level 2	
15,100.0	7,742.2	15,034.6	7,832.4	145.3	146.0	-105.28	7,530.7	-1,092.8	342.2	62.7	279.51	1.224 Level 2	
15,200.0	7,742.0	15,134.6	7,832.2	147.2	147.9	-105.28	7,630.7	-1,092.5	342.2	59.0	283.20	1.208 Level 2	
15,300.0	7,741.9	15,234.6	7,832.0	149.1	149.8	-105.28	7,730.7	-1,092.1	342.2	55.3	286.88	1.193 Level 2	
15,400.0	7,741.7	15,334.6	7,831.8	151.0	151.6	-105.28	7,830.7	-1,091.8	342.2	51.6	290.57	1.178 Level 2	
15,500.0	7,741.5	15,434.6	7,831.6	152.9	153.5	-105.27	7,930.7	-1,091.5	342.2	47.9	294.26	1.163 Level 2	
15,600.0	7,741.3	15,534.6	7,831.4	154.8	155.4	-105.27	8,030.7	-1,091.1	342.2	44.2	297.96	1.148 Level 2	
15,700.0	7,741.1	15,634.6	7,831.2	156.7	157.3	-105.27	8,130.7	-1,090.8	342.2	40.5	301.65	1.134 Level 2	
15,800.0	7,740.9	15,734.6	7,831.0	158.6	159.2	-105.27	8,230.7	-1,090.4	342.1	36.8	305.34	1.121 Level 2	
15,900.0	7,740.7	15,834.6	7,830.8	160.5	161.1	-105.26	8,330.7	-1,090.1	342.1	33.1	309.03	1.107 Level 2	
16,000.0	7,740.6	15,934.6	7,830.6	162.4	163.0	-105.26	8,430.7	-1,089.7	342.1	29.4	312.73	1.094 Level 2	

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey H-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												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)		
16,100.0	7,740.4	16,034.6	7,830.4	164.3	164.9	-105.26	8,530.7	-1,089.4	342.1	25.7	316.42	1.081 Level 2	
16,200.0	7,740.2	16,134.6	7,830.2	166.2	166.7	-105.26	8,630.7	-1,089.1	342.1	22.0	320.12	1.069 Level 2	
16,269.5	7,740.0	16,204.1	7,830.1	167.5	168.1	-105.25	8,700.2	-1,088.8	342.1	19.4	322.68	1.060 Level 2	
16,296.0	7,740.0	16,228.9	7,830.0	168.0	168.5	-105.25	8,725.0	-1,088.7	342.1	18.5	323.63	1.057 Level 2, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey I-11-2HC - Wellbore #1 - Plan #1 (9-4-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
0.0	0.0	0.0	0.0	0.0	0.0	20.03	13.8	5.0	14.7	14.7	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	20.03	13.8	5.0	14.7	14.5	0.22	65.532	
200.0	200.0	200.0	200.0	0.3	0.3	20.03	13.8	5.0	14.7	14.1	0.67	21.844	
300.0	300.0	300.0	300.0	0.6	0.6	20.03	13.8	5.0	14.7	13.6	1.12	13.106	
400.0	400.0	400.0	400.0	0.8	0.8	20.03	13.8	5.0	14.7	13.2	1.57	9.362	
500.0	500.0	500.0	500.0	1.0	1.0	20.03	13.8	5.0	14.7	12.7	2.02	7.281	
600.0	600.0	600.0	600.0	1.2	1.2	20.03	13.8	5.0	14.7	12.3	2.47	5.957	
700.0	700.0	700.0	700.0	1.5	1.5	20.03	13.8	5.0	14.7	11.8	2.92	5.041	
800.0	800.0	800.0	800.0	1.7	1.7	20.03	13.8	5.0	14.7	11.4	3.37	4.369	
900.0	900.0	900.0	900.0	1.9	1.9	20.03	13.8	5.0	14.7	10.9	3.82	3.855	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	20.03	13.8	5.0	14.7	10.5	4.27	3.449	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	20.03	13.8	5.0	14.7	10.0	4.72	3.121	
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	20.03	13.8	5.0	14.7	9.6	5.17	2.849	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	20.03	13.8	5.0	14.7	9.1	5.62	2.621	
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	20.03	13.8	5.0	14.7	8.7	6.07	2.427 CC, ES	
1,500.0	1,500.0	1,500.0	1,500.0	3.2	3.3	119.51	13.8	5.0	15.5	9.0	6.50	2.385	
1,600.0	1,599.8	1,599.8	1,599.8	3.4	3.5	133.58	13.8	5.0	18.7	11.7	6.92	2.694	
1,700.0	1,699.5	1,700.2	1,700.2	3.7	3.7	145.86	13.7	3.3	24.0	16.6	7.32	3.273	
1,800.0	1,798.7	1,800.8	1,800.6	3.9	3.9	153.69	13.1	-2.0	29.9	22.2	7.70	3.882	
1,900.0	1,897.5	1,901.6	1,901.1	4.2	4.1	159.05	12.3	-10.7	36.1	28.1	8.08	4.472	
2,000.0	1,995.7	2,002.7	2,001.4	4.4	4.3	162.83	11.0	-23.1	42.1	33.7	8.48	4.971	
2,100.0	2,093.8	2,103.4	2,100.9	4.8	4.6	164.98	9.5	-38.4	45.7	36.8	8.91	5.131	
2,200.0	2,192.0	2,203.4	2,199.6	5.1	4.9	166.69	7.9	-54.2	48.9	39.5	9.35	5.230	
2,300.0	2,290.1	2,303.3	2,298.3	5.4	5.1	168.19	6.3	-69.9	52.1	42.3	9.79	5.320	
2,400.0	2,388.3	2,403.2	2,396.9	5.8	5.4	169.52	4.7	-85.6	55.3	45.1	10.24	5.403	
2,500.0	2,486.4	2,503.2	2,495.6	6.2	5.7	170.71	3.1	-101.3	58.6	47.9	10.69	5.479	
2,600.0	2,584.6	2,603.1	2,594.3	6.5	6.1	171.76	1.6	-117.0	61.9	50.7	11.15	5.548	
2,700.0	2,682.7	2,703.1	2,693.0	6.9	6.4	172.71	0.0	-132.7	65.2	53.6	11.61	5.611	
2,800.0	2,780.9	2,803.0	2,791.7	7.3	6.7	173.57	-1.6	-148.5	68.5	56.4	12.08	5.669	
2,900.0	2,879.0	2,902.9	2,890.4	7.7	7.0	174.35	-3.2	-164.2	71.8	59.3	12.55	5.723	
3,000.0	2,977.2	3,002.9	2,989.0	8.1	7.4	175.06	-4.8	-179.9	75.2	62.1	13.02	5.771	
3,100.0	3,075.3	3,102.8	3,087.7	8.5	7.7	175.71	-6.3	-195.6	78.5	65.0	13.50	5.816	
3,200.0	3,173.5	3,202.8	3,186.4	8.9	8.1	176.30	-7.9	-211.3	81.9	67.9	13.98	5.857	
3,300.0	3,271.6	3,302.7	3,285.1	9.3	8.4	176.85	-9.5	-227.0	85.3	70.8	14.46	5.895	
3,400.0	3,369.8	3,402.6	3,383.8	9.7	8.8	177.36	-11.1	-242.8	88.6	73.7	14.95	5.930	
3,500.0	3,467.9	3,502.6	3,482.5	10.1	9.1	177.83	-12.7	-258.5	92.0	76.6	15.43	5.962	
3,600.0	3,566.1	3,602.5	3,581.1	10.6	9.5	178.26	-14.3	-274.2	95.4	79.5	15.92	5.992	
3,700.0	3,664.2	3,702.5	3,679.8	11.0	9.8	178.67	-15.8	-289.9	98.8	82.4	16.42	6.019	
3,800.0	3,762.4	3,802.4	3,778.5	11.4	10.2	179.05	-17.4	-305.6	102.2	85.3	16.91	6.045	
3,900.0	3,860.5	3,902.3	3,877.2	11.8	10.5	179.40	-19.0	-321.4	105.6	88.2	17.40	6.069	
4,000.0	3,958.7	4,002.3	3,975.9	12.2	10.9	179.74	-20.6	-337.1	109.0	91.1	17.90	6.091	
4,100.0	4,056.8	4,102.2	4,074.6	12.6	11.2	-179.95	-22.2	-352.8	112.4	94.0	18.40	6.111	
4,200.0	4,155.0	4,202.2	4,173.3	13.1	11.6	-179.66	-23.7	-368.5	115.9	97.0	18.90	6.130	
4,300.0	4,253.1	4,302.1	4,271.9	13.5	12.0	-179.38	-25.3	-384.2	119.3	99.9	19.40	6.148	
4,400.0	4,351.2	4,402.0	4,370.6	13.9	12.3	-179.12	-26.9	-399.9	122.7	102.8	19.91	6.164	
4,500.0	4,449.4	4,502.0	4,469.3	14.3	12.7	-178.87	-28.5	-415.7	126.1	105.7	20.41	6.180	
4,600.0	4,547.5	4,601.9	4,568.0	14.8	13.1	-178.64	-30.1	-431.4	129.6	108.6	20.91	6.194	
4,700.0	4,645.7	4,701.9	4,666.7	15.2	13.4	-178.41	-31.6	-447.1	133.0	111.6	21.42	6.208	
4,800.0	4,743.8	4,801.8	4,765.4	15.6	13.8	-178.20	-33.2	-462.8	136.4	114.5	21.93	6.221	
4,900.0	4,842.0	4,901.7	4,864.0	16.0	14.2	-178.00	-34.8	-478.5	139.8	117.4	22.44	6.233	
5,000.0	4,940.1	5,001.7	4,962.7	16.5	14.5	-177.81	-36.4	-494.2	143.3	120.3	22.95	6.244	
5,100.0	5,038.3	5,101.6	5,061.4	16.9	14.9	-177.63	-38.0	-510.0	146.7	123.3	23.46	6.255	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey I-11-2HC - Wellbore #1 - Plan #1 (9-4-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,200.0	5,136.4	5,201.5	5,160.1	17.3	15.3	-177.46	-39.6	-525.7	150.2	126.2	23.97	6.265	
5,300.0	5,234.6	5,301.5	5,258.8	17.7	15.6	-177.29	-41.1	-541.4	153.6	129.1	24.48	6.274	
5,400.0	5,332.7	5,401.4	5,357.5	18.2	16.0	-177.13	-42.7	-557.1	157.0	132.0	24.99	6.283	
5,500.0	5,430.9	5,501.4	5,456.1	18.6	16.4	-176.98	-44.3	-572.8	160.5	135.0	25.51	6.292	
5,600.0	5,529.2	5,600.0	5,553.5	19.0	16.8	-176.82	-45.9	-588.3	162.8	136.8	26.03	6.256	
5,700.0	5,628.1	5,695.5	5,648.1	19.2	17.0	-176.66	-47.2	-601.6	163.7	137.2	26.45	6.188	
5,800.0	5,727.5	5,790.2	5,742.2	19.5	17.2	-176.54	-48.2	-611.6	164.3	137.5	26.83	6.125	
5,900.0	5,827.2	5,884.7	5,836.5	19.7	17.4	-176.45	-48.9	-618.5	164.7	137.6	27.16	6.066	
6,000.0	5,927.1	5,979.3	5,931.0	19.8	17.6	-176.41	-49.3	-622.3	165.0	137.5	27.44	6.012	
6,100.0	6,027.1	6,075.4	6,027.1	20.0	17.7	90.02	-49.4	-623.2	165.0	137.3	27.73	5.953	
6,200.0	6,127.1	6,175.4	6,127.1	20.1	17.9	90.02	-49.4	-623.2	165.0	136.9	28.11	5.871	
6,300.0	6,227.1	6,275.4	6,227.1	20.3	18.0	90.02	-49.4	-623.2	165.0	136.5	28.50	5.791	
6,400.0	6,327.1	6,375.4	6,327.1	20.4	18.2	90.02	-49.4	-623.2	165.0	136.2	28.89	5.713	
6,500.0	6,427.1	6,475.4	6,427.1	20.5	18.3	90.02	-49.4	-623.2	165.0	135.8	29.28	5.636	
6,600.0	6,527.1	6,575.4	6,527.1	20.7	18.5	90.02	-49.4	-623.2	165.0	135.4	29.68	5.562	
6,700.0	6,627.1	6,675.4	6,627.1	20.8	18.7	90.02	-49.4	-623.2	165.0	135.0	30.07	5.489	
6,800.0	6,727.1	6,775.4	6,727.1	21.0	18.8	90.02	-49.4	-623.2	165.0	134.6	30.47	5.417	
6,900.0	6,827.1	6,875.4	6,827.1	21.1	19.0	90.02	-49.4	-623.2	165.0	134.2	30.87	5.347	
7,000.0	6,927.1	6,975.4	6,927.1	21.3	19.2	90.02	-49.4	-623.2	165.0	133.8	31.26	5.279	
7,100.0	7,027.1	7,075.4	7,027.1	21.4	19.3	90.02	-49.4	-623.2	165.0	133.4	31.67	5.212	
7,139.8	7,066.9	7,115.2	7,066.9	21.5	19.4	90.17	-49.4	-623.2	165.0	133.2	31.84	5.183	
7,200.0	7,126.9	7,175.2	7,126.9	21.6	19.5	91.64	-49.4	-623.2	165.1	133.0	32.15	5.136	
7,300.0	7,225.0	7,273.3	7,225.0	21.7	19.7	97.92	-49.4	-623.2	166.7	133.8	32.93	5.063	
7,400.0	7,319.5	7,371.8	7,323.4	21.9	19.9	107.35	-47.4	-623.1	173.8	139.8	34.04	5.105	
7,500.0	7,408.5	7,476.9	7,427.4	22.0	20.0	116.42	-32.1	-623.1	186.3	151.5	34.77	5.358	
7,600.0	7,490.3	7,587.8	7,533.3	22.2	20.2	124.13	0.4	-623.0	202.5	167.8	34.69	5.837	
7,700.0	7,563.4	7,705.2	7,638.5	22.4	20.4	130.42	52.1	-622.8	220.6	186.7	33.85	6.517	
7,800.0	7,626.2	7,829.4	7,739.0	22.6	20.6	135.40	124.8	-622.6	238.9	206.3	32.52	7.345	
7,900.0	7,677.5	7,960.6	7,829.9	23.0	20.8	139.19	219.1	-622.3	255.6	224.5	31.18	8.199	
8,000.0	7,716.4	8,098.3	7,905.2	23.4	21.3	141.91	334.3	-621.9	269.5	239.2	30.34	8.883	
8,100.0	7,742.1	8,241.5	7,958.6	24.0	22.0	143.66	466.9	-621.4	279.4	248.9	30.51	9.157	
8,200.0	7,754.1	8,388.2	7,984.8	24.7	23.1	144.49	610.9	-621.0	284.3	252.3	31.98	8.889	
8,300.0	7,754.9	8,506.3	7,987.0	25.6	24.2	144.58	728.9	-620.6	284.8	251.0	33.79	8.430	
8,400.0	7,754.7	8,606.3	7,987.0	26.6	25.3	144.60	828.9	-620.2	285.0	249.6	35.39	8.053	
8,500.0	7,754.5	8,706.3	7,987.0	27.7	26.5	144.62	928.9	-619.9	285.1	248.0	37.09	7.688	
8,600.0	7,754.3	8,806.3	7,987.0	28.9	27.8	144.65	1,028.9	-619.6	285.3	246.4	38.87	7.339	
8,700.0	7,754.1	8,906.3	7,987.0	30.2	29.1	144.67	1,128.9	-619.2	285.4	244.7	40.73	7.007	
8,800.0	7,754.0	9,006.3	7,987.0	31.6	30.5	144.69	1,228.9	-618.9	285.6	242.9	42.66	6.694	
8,900.0	7,753.8	9,106.3	7,987.0	33.0	32.0	144.71	1,328.9	-618.5	285.7	241.1	44.64	6.400	
9,000.0	7,753.6	9,206.3	7,987.0	34.5	33.5	144.73	1,428.9	-618.2	285.9	239.2	46.67	6.125	
9,100.0	7,753.4	9,306.3	7,987.0	36.0	35.0	144.76	1,528.9	-617.9	286.0	237.3	48.75	5.868	
9,200.0	7,753.2	9,406.3	7,987.0	37.5	36.6	144.78	1,628.9	-617.5	286.2	235.3	50.86	5.627	
9,300.0	7,753.0	9,506.3	7,987.0	39.1	38.2	144.80	1,728.9	-617.2	286.3	233.3	53.00	5.403	
9,400.0	7,752.8	9,606.3	7,987.0	40.7	39.9	144.82	1,828.9	-616.9	286.5	231.3	55.17	5.193	
9,500.0	7,752.6	9,706.3	7,987.0	42.4	41.6	144.84	1,928.9	-616.5	286.6	229.3	57.36	4.997	
9,600.0	7,752.5	9,806.3	7,987.0	44.0	43.2	144.86	2,028.9	-616.2	286.8	227.2	59.58	4.814	
9,700.0	7,752.3	9,906.3	7,987.0	45.7	44.9	144.88	2,128.9	-615.9	286.9	225.1	61.82	4.642	
9,800.0	7,752.1	10,006.3	7,987.0	47.4	46.7	144.91	2,228.9	-615.5	287.1	223.0	64.07	4.481	
9,900.0	7,751.9	10,106.3	7,987.0	49.1	48.4	144.93	2,328.9	-615.2	287.3	220.9	66.34	4.330	
10,000.0	7,751.7	10,206.3	7,987.0	50.9	50.1	144.95	2,428.9	-614.8	287.4	218.8	68.62	4.188	
10,100.0	7,751.5	10,306.3	7,987.0	52.6	51.9	144.97	2,528.9	-614.5	287.6	216.6	70.91	4.055	
10,200.0	7,751.3	10,406.3	7,987.0	54.4	53.7	144.99	2,628.9	-614.2	287.7	214.5	73.22	3.930	

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey I-11-2HC - Wellbore #1 - Plan #1 (9-4-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWDD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
10,300.0	7,751.2	10,506.3	7,987.0	56.1	55.5	145.01	2,728.9	-613.8	287.9	212.3	75.53	3.811		
10,400.0	7,751.0	10,606.3	7,987.0	57.9	57.2	145.03	2,828.9	-613.5	288.0	210.2	77.85	3.699		
10,500.0	7,750.8	10,706.3	7,987.0	59.7	59.0	145.06	2,928.9	-613.2	288.2	208.0	80.18	3.594		
10,600.0	7,750.6	10,806.3	7,987.0	61.5	60.9	145.08	3,028.9	-612.8	288.3	205.8	82.52	3.494		
10,700.0	7,750.4	10,906.3	7,987.0	63.3	62.7	145.10	3,128.9	-612.5	288.5	203.6	84.86	3.399		
10,800.0	7,750.2	11,006.3	7,987.0	65.1	64.5	145.12	3,228.9	-612.2	288.6	201.4	87.21	3.309		
10,900.0	7,750.0	11,106.3	7,987.0	66.9	66.3	145.14	3,328.9	-611.8	288.8	199.2	89.56	3.224		
11,000.0	7,749.9	11,206.3	7,987.0	68.7	68.1	145.16	3,428.9	-611.5	288.9	197.0	91.92	3.143		
11,100.0	7,749.7	11,306.3	7,987.0	70.5	70.0	145.18	3,528.9	-611.1	289.1	194.8	94.28	3.066		
11,200.0	7,749.5	11,406.3	7,987.0	72.3	71.8	145.20	3,628.9	-610.8	289.2	192.6	96.65	2.993		
11,300.0	7,749.3	11,506.3	7,987.0	74.2	73.6	145.23	3,728.9	-610.5	289.4	190.4	99.02	2.923		
11,400.0	7,749.1	11,606.3	7,987.0	76.0	75.5	145.25	3,828.9	-610.1	289.5	188.2	101.39	2.856		
11,500.0	7,748.9	11,706.3	7,987.0	77.8	77.3	145.27	3,928.9	-609.8	289.7	185.9	103.76	2.792		
11,600.0	7,748.7	11,806.3	7,987.0	79.7	79.2	145.29	4,028.9	-609.5	289.8	183.7	106.13	2.731		
11,700.0	7,748.5	11,906.3	7,987.0	81.5	81.0	145.31	4,128.9	-609.1	290.0	181.5	108.51	2.672		
11,800.0	7,748.3	12,006.3	7,987.0	83.4	82.9	145.33	4,228.9	-608.8	290.1	179.3	110.89	2.617		
11,900.0	7,748.1	12,106.3	7,987.0	85.2	84.7	145.35	4,328.9	-608.5	290.3	177.0	113.27	2.563		
12,000.0	7,747.9	12,206.3	7,987.0	87.1	86.6	145.37	4,428.9	-608.1	290.5	174.8	115.65	2.511		
12,100.0	7,747.7	12,306.3	7,987.0	88.9	88.5	145.39	4,528.9	-607.8	290.6	172.6	118.04	2.462		
12,200.0	7,747.5	12,406.3	7,987.0	90.8	90.3	145.41	4,628.9	-607.4	290.8	170.3	120.42	2.415		
12,300.0	7,747.3	12,506.3	7,987.0	92.7	92.2	145.44	4,728.9	-607.1	290.9	168.1	122.81	2.369		
12,400.0	7,747.1	12,606.3	7,987.0	94.5	94.1	145.46	4,828.9	-606.8	291.1	165.9	125.19	2.325		
12,500.0	7,746.9	12,706.3	7,987.0	96.4	95.9	145.48	4,928.9	-606.4	291.2	163.6	127.58	2.283		
12,600.0	7,746.7	12,806.3	7,987.0	98.3	97.8	145.50	5,028.9	-606.1	291.4	161.4	129.96	2.242		
12,700.0	7,746.5	12,906.3	7,987.0	100.1	99.7	145.52	5,128.9	-605.8	291.5	159.2	132.35	2.203		
12,800.0	7,746.3	13,006.3	7,987.0	102.0	101.6	145.54	5,228.9	-605.4	291.7	156.9	134.74	2.165		
12,900.0	7,746.1	13,106.3	7,987.0	103.9	103.4	145.56	5,328.9	-605.1	291.8	154.7	137.12	2.128		
13,000.0	7,745.9	13,206.3	7,987.0	105.7	105.3	145.58	5,428.9	-604.8	292.0	152.5	139.51	2.093		
13,100.0	7,745.7	13,306.3	7,987.0	107.6	107.2	145.60	5,528.9	-604.4	292.1	150.2	141.90	2.059		
13,200.0	7,745.5	13,406.3	7,987.0	109.5	109.1	145.62	5,628.9	-604.1	292.3	148.0	144.28	2.026		
13,300.0	7,745.3	13,506.3	7,987.0	111.4	111.0	145.64	5,728.9	-603.7	292.4	145.8	146.67	1.994		
13,400.0	7,745.1	13,606.3	7,987.0	113.3	112.8	145.66	5,828.9	-603.4	292.6	143.5	149.06	1.963		
13,500.0	7,744.9	13,706.3	7,987.0	115.1	114.7	145.68	5,928.9	-603.1	292.7	141.3	151.44	1.933		
13,600.0	7,744.7	13,806.3	7,987.0	117.0	116.6	145.71	6,028.9	-602.7	292.9	139.1	153.83	1.904		
13,700.0	7,744.5	13,906.3	7,987.0	118.9	118.5	145.73	6,128.9	-602.4	293.1	136.8	156.21	1.876		
13,800.0	7,744.3	14,006.3	7,987.0	120.8	120.4	145.75	6,228.9	-602.1	293.2	134.6	158.60	1.849		
13,900.0	7,744.1	14,106.3	7,987.0	122.7	122.3	145.77	6,328.9	-601.7	293.4	132.4	160.98	1.822		
14,000.0	7,743.9	14,206.3	7,987.0	124.5	124.2	145.79	6,428.9	-601.4	293.5	130.2	163.36	1.797		
14,100.0	7,743.7	14,306.3	7,987.0	126.4	126.0	145.81	6,528.9	-601.1	293.7	127.9	165.74	1.772		
14,200.0	7,743.5	14,406.3	7,987.0	128.3	127.9	145.83	6,628.9	-600.7	293.8	125.7	168.13	1.748		
14,300.0	7,743.3	14,506.3	7,987.0	130.2	129.8	145.85	6,728.9	-600.4	294.0	123.5	170.51	1.724		
14,400.0	7,743.1	14,606.3	7,987.0	132.1	131.7	145.87	6,828.9	-600.0	294.1	121.2	172.89	1.701		
14,500.0	7,742.9	14,706.3	7,987.0	134.0	133.6	145.89	6,928.9	-599.7	294.3	119.0	175.27	1.679		
14,600.0	7,742.7	14,806.3	7,987.0	135.9	135.5	145.91	7,028.9	-599.4	294.4	116.8	177.64	1.657		
14,700.0	7,742.5	14,906.3	7,987.0	137.8	137.4	145.93	7,128.9	-599.0	294.6	114.6	180.02	1.636		
14,800.0	7,742.3	15,006.3	7,987.0	139.7	139.3	145.95	7,228.9	-598.7	294.7	112.3	182.40	1.616		
14,900.0	7,742.1	15,106.3	7,987.0	141.5	141.2	145.97	7,328.9	-598.4	294.9	110.1	184.78	1.596		
15,000.0	7,741.9	15,206.3	7,987.0	143.4	143.1	145.99	7,428.9	-598.0	295.1	107.9	187.15	1.577		
15,100.0	7,741.7	15,306.3	7,987.0	145.3	145.0	146.01	7,528.9	-597.7	295.2	105.7	189.52	1.558		
15,200.0	7,741.5	15,406.3	7,987.0	147.2	146.9	146.03	7,628.9	-597.4	295.4	103.5	191.90	1.539		
15,300.0	7,741.3	15,506.3	7,987.0	149.1	148.8	146.05	7,728.9	-597.0	295.5	101.2	194.27	1.521		
15,400.0	7,741.1	15,606.3	7,987.0	151.0	150.7	146.07	7,828.9	-596.7	295.7	99.0	196.64	1.504		

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey I-11-2HC - Wellbore #1 - Plan #1 (9-4-14)												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
15,500.0	7,741.5	15,706.3	7,987.0	152.9	152.5	146.09	7,928.9	-596.4	295.8	96.8	199.01	1.486	Level 3
15,600.0	7,741.3	15,806.3	7,987.0	154.8	154.4	146.11	8,028.9	-596.0	296.0	94.6	201.38	1.470	Level 3
15,700.0	7,741.1	15,906.3	7,987.0	156.7	156.3	146.13	8,128.9	-595.7	296.1	92.4	203.75	1.453	Level 3
15,800.0	7,740.9	16,006.3	7,987.0	158.6	158.2	146.15	8,228.9	-595.3	296.3	90.2	206.11	1.438	Level 3
15,900.0	7,740.7	16,106.3	7,987.0	160.5	160.1	146.17	8,328.9	-595.0	296.4	88.0	208.48	1.422	Level 3
16,000.0	7,740.6	16,206.3	7,987.0	162.4	162.0	146.19	8,428.9	-594.7	296.6	85.8	210.84	1.407	Level 3
16,100.0	7,740.4	16,306.3	7,987.0	164.3	163.9	146.21	8,528.9	-594.3	296.8	83.5	213.21	1.392	Level 3
16,200.0	7,740.2	16,406.3	7,987.0	166.2	165.8	146.23	8,628.9	-594.0	296.9	81.3	215.57	1.377	Level 3
16,296.0	7,740.0	16,502.2	7,987.0	168.0	167.7	146.25	8,724.8	-593.7	297.1	79.2	217.83	1.364	Level 3, SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey J-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												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	20.29	28.0	10.4	29.9				
100.0	100.0	100.0	100.0	0.1	0.1	20.29	28.0	10.4	29.9	29.7	0.22	133.034	
200.0	200.0	200.0	200.0	0.3	0.3	20.29	28.0	10.4	29.9	29.2	0.67	44.345	
300.0	300.0	300.0	300.0	0.6	0.6	20.29	28.0	10.4	29.9	28.8	1.12	26.607	
400.0	400.0	400.0	400.0	0.8	0.8	20.29	28.0	10.4	29.9	28.3	1.57	19.005	
500.0	500.0	500.0	500.0	1.0	1.0	20.29	28.0	10.4	29.9	27.9	2.02	14.782	
600.0	600.0	600.0	600.0	1.2	1.2	20.29	28.0	10.4	29.9	27.4	2.47	12.094	
700.0	700.0	700.0	700.0	1.5	1.5	20.29	28.0	10.4	29.9	27.0	2.92	10.233	
800.0	800.0	800.0	800.0	1.7	1.7	20.29	28.0	10.4	29.9	26.5	3.37	8.869	
900.0	900.0	900.0	900.0	1.9	1.9	20.29	28.0	10.4	29.9	26.1	3.82	7.826	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	20.29	28.0	10.4	29.9	25.6	4.27	7.002	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	20.29	28.0	10.4	29.9	25.2	4.72	6.335	
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	20.29	28.0	10.4	29.9	24.7	5.17	5.784	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	20.29	28.0	10.4	29.9	24.3	5.62	5.321	
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	20.29	28.0	10.4	29.9	23.8	6.07	4.927 CC	
1,500.0	1,500.0	1,500.0	1,500.0	3.2	3.3	116.84	28.0	10.4	30.6	24.1	6.50	4.713	
1,600.0	1,599.8	1,599.8	1,599.8	3.4	3.5	124.84	28.0	10.4	33.3	26.4	6.93	4.814	
1,700.0	1,699.5	1,699.5	1,699.5	3.7	3.7	135.31	28.0	10.4	39.0	31.6	7.35	5.307	
1,800.0	1,798.7	1,798.7	1,798.7	3.9	3.9	145.37	28.0	10.4	48.4	40.7	7.76	6.243	
1,900.0	1,897.5	1,899.4	1,899.4	4.2	4.1	153.05	27.8	8.7	60.4	52.2	8.15	7.413	
2,000.0	1,995.7	2,000.8	2,000.6	4.4	4.3	158.33	26.9	3.4	72.6	64.0	8.53	8.504	
2,100.0	2,093.8	2,102.6	2,102.1	4.8	4.6	161.69	25.4	-5.4	82.2	73.2	8.95	9.184	
2,200.0	2,192.0	2,202.2	2,201.1	5.1	4.8	164.12	23.8	-15.4	90.5	81.1	9.37	9.660	
2,300.0	2,290.1	2,301.8	2,300.2	5.4	5.0	166.13	22.1	-25.5	99.0	89.2	9.80	10.103	
2,400.0	2,388.3	2,401.4	2,399.3	5.8	5.2	167.83	20.4	-35.6	107.6	97.3	10.23	10.514	
2,500.0	2,486.4	2,501.0	2,498.3	6.2	5.5	169.27	18.7	-45.7	116.2	105.5	10.67	10.893	
2,600.0	2,584.6	2,600.6	2,597.4	6.5	5.7	170.51	17.1	-55.7	124.9	113.8	11.11	11.243	
2,700.0	2,682.7	2,700.1	2,696.4	6.9	6.0	171.59	15.4	-65.8	133.7	122.2	11.56	11.567	
2,800.0	2,780.9	2,799.7	2,795.5	7.3	6.2	172.54	13.7	-75.9	142.5	130.5	12.01	11.866	
2,900.0	2,879.0	2,899.3	2,894.6	7.7	6.5	173.38	12.0	-86.0	151.4	138.9	12.47	12.143	
3,000.0	2,977.2	2,998.9	2,993.6	8.1	6.7	174.12	10.4	-96.0	160.3	147.3	12.92	12.399	
3,100.0	3,075.3	3,098.5	3,092.7	8.5	7.0	174.79	8.7	-106.1	169.2	155.8	13.39	12.637	
3,200.0	3,173.5	3,198.1	3,191.7	8.9	7.3	175.39	7.0	-116.2	178.1	164.2	13.85	12.857	
3,300.0	3,271.6	3,297.7	3,290.8	9.3	7.5	175.93	5.3	-126.3	187.0	172.7	14.32	13.063	
3,400.0	3,369.8	3,397.2	3,389.9	9.7	7.8	176.42	3.7	-136.3	196.0	181.2	14.79	13.254	
3,500.0	3,467.9	3,496.8	3,488.9	10.1	8.1	176.87	2.0	-146.4	204.9	189.7	15.26	13.432	
3,600.0	3,566.1	3,596.4	3,588.0	10.6	8.4	177.28	0.3	-156.5	213.9	198.2	15.73	13.599	
3,700.0	3,664.2	3,696.0	3,687.0	11.0	8.6	177.66	-1.3	-166.6	222.9	206.7	16.21	13.755	
3,800.0	3,762.4	3,795.6	3,786.1	11.4	8.9	178.01	-3.0	-176.6	231.9	215.2	16.68	13.902	
3,900.0	3,860.5	3,895.2	3,885.2	11.8	9.2	178.33	-4.7	-186.7	240.9	223.8	17.16	14.039	
4,000.0	3,958.7	3,994.8	3,984.2	12.2	9.5	178.63	-6.4	-196.8	249.9	232.3	17.64	14.168	
4,100.0	4,056.8	4,094.3	4,083.3	12.6	9.8	178.91	-8.0	-206.9	258.9	240.8	18.12	14.290	
4,200.0	4,155.0	4,193.9	4,182.3	13.1	10.0	179.17	-9.7	-216.9	268.0	249.4	18.60	14.404	
4,300.0	4,253.1	4,293.5	4,281.4	13.5	10.3	179.42	-11.4	-227.0	277.0	257.9	19.09	14.512	
4,400.0	4,351.2	4,393.1	4,380.5	13.9	10.6	179.64	-13.1	-237.1	286.0	266.5	19.57	14.615	
4,500.0	4,449.4	4,492.7	4,479.5	14.3	10.9	179.86	-14.7	-247.2	295.1	275.0	20.06	14.711	
4,600.0	4,547.5	4,592.3	4,578.6	14.8	11.2	-179.94	-16.4	-257.2	304.1	283.6	20.54	14.803	
4,700.0	4,645.7	4,691.8	4,677.6	15.2	11.5	-179.75	-18.1	-267.3	313.2	292.1	21.03	14.890	
4,800.0	4,743.8	4,791.4	4,776.7	15.6	11.7	-179.57	-19.8	-277.4	322.2	300.7	21.52	14.973	
4,900.0	4,842.0	4,891.0	4,875.7	16.0	12.0	-179.40	-21.4	-287.5	331.3	309.3	22.01	15.051	
5,000.0	4,940.1	4,990.6	4,974.8	16.5	12.3	-179.24	-23.1	-297.5	340.3	317.8	22.50	15.126	
5,100.0	5,038.3	5,090.2	5,073.9	16.9	12.6	-179.09	-24.8	-307.6	349.4	326.4	22.99	15.197	

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey J-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,200.0	5,136.4	5,189.8	5,172.9	17.3	12.9	-178.95	-26.4	-317.7	358.4	335.0	23.48	15.265	
5,300.0	5,234.6	5,289.4	5,272.0	17.7	13.2	-178.81	-28.1	-327.8	367.5	343.5	23.97	15.330	
5,400.0	5,332.7	5,388.9	5,371.0	18.2	13.5	-178.68	-29.8	-337.8	376.6	352.1	24.47	15.392	
5,500.0	5,430.9	5,488.5	5,470.1	18.6	13.8	-178.55	-31.5	-347.9	385.6	360.7	24.96	15.451	
5,600.0	5,529.2	5,588.2	5,569.3	19.0	14.1	-178.44	-33.1	-358.0	393.6	368.1	25.47	15.451	
5,700.0	5,628.1	5,688.1	5,668.6	19.2	14.3	-178.31	-34.8	-368.1	398.2	372.2	25.95	15.345	
5,800.0	5,727.5	5,788.1	5,768.1	19.5	14.6	-178.16	-36.5	-378.2	399.3	372.9	26.39	15.131	
5,900.0	5,827.2	5,888.0	5,867.5	19.7	14.9	-178.00	-38.2	-388.3	396.9	370.1	26.79	14.813	
6,000.0	5,927.1	5,987.8	5,966.8	19.8	15.2	-177.81	-39.9	-398.4	391.0	363.8	27.16	14.395	
6,100.0	6,027.1	6,087.4	6,065.8	20.0	15.5	88.83	-41.5	-408.5	381.7	354.2	27.52	13.871	
6,200.0	6,127.1	6,186.9	6,164.8	20.1	15.8	89.05	-43.2	-418.6	371.6	343.6	27.95	13.295	
6,300.0	6,227.1	6,286.3	6,263.7	20.3	16.1	89.29	-44.9	-428.6	361.5	333.1	28.38	12.736	
6,400.0	6,327.1	6,385.8	6,362.7	20.4	16.4	89.55	-46.5	-438.7	351.3	322.5	28.81	12.192	
6,500.0	6,427.1	6,479.4	6,455.8	20.5	16.6	89.79	-48.0	-447.7	341.7	312.4	29.22	11.692	
6,600.0	6,527.1	6,568.8	6,545.0	20.7	16.8	89.96	-49.1	-453.9	334.8	305.2	29.59	11.313	
6,700.0	6,627.1	6,658.4	6,634.5	20.8	17.0	90.06	-49.6	-457.3	331.0	301.0	29.96	11.050	
6,800.0	6,727.1	6,751.0	6,727.1	21.0	17.1	90.08	-49.8	-458.0	330.2	299.8	30.32	10.888	
6,900.0	6,827.1	6,851.0	6,827.1	21.1	17.3	90.08	-49.8	-458.0	330.2	299.5	30.72	10.748	
7,000.0	6,927.1	6,951.0	6,927.1	21.3	17.5	90.08	-49.8	-458.0	330.2	299.1	31.12	10.611	
7,100.0	7,027.1	7,051.0	7,027.1	21.4	17.7	90.08	-49.8	-458.0	330.2	298.7	31.52	10.476	
7,200.0	7,126.9	7,150.9	7,126.8	21.6	17.9	89.89	-44.5	-458.0	330.2	298.3	31.91	10.348	
7,300.0	7,225.0	7,250.8	7,224.8	21.7	18.0	89.89	-25.5	-458.0	330.2	297.9	32.26	10.236	
7,400.0	7,319.5	7,350.7	7,319.2	21.9	18.2	89.89	6.9	-457.8	330.2	297.6	32.60	10.128	
7,500.0	7,408.5	7,450.6	7,408.2	22.0	18.3	89.90	52.2	-457.7	330.2	297.2	32.98	10.010	
7,600.0	7,490.3	7,550.6	7,490.0	22.2	18.5	89.91	109.4	-457.5	330.2	296.7	33.47	9.865	
7,700.0	7,563.4	7,650.5	7,563.0	22.4	18.6	89.92	177.5	-457.3	330.2	296.0	34.12	9.675	
7,800.0	7,626.2	7,750.4	7,625.9	22.6	18.9	89.93	255.1	-457.0	330.2	295.1	35.01	9.429	
7,900.0	7,677.5	7,850.4	7,677.3	23.0	19.3	89.95	340.8	-456.8	330.2	294.0	36.19	9.124	
8,000.0	7,716.4	7,950.4	7,716.2	23.4	19.8	89.96	432.7	-456.5	330.2	292.5	37.67	8.765	
8,100.0	7,742.1	8,050.3	7,742.0	24.0	20.6	89.98	529.2	-456.1	330.1	290.7	39.45	8.370	
8,200.0	7,754.1	8,150.3	7,754.1	24.7	21.5	89.99	628.4	-455.8	330.1	288.7	41.49	7.957	
8,300.0	7,754.9	8,250.3	7,754.9	25.6	22.6	90.00	728.4	-455.5	330.1	286.5	43.69	7.556	
8,400.0	7,754.7	8,350.3	7,754.7	26.6	23.8	90.00	828.4	-455.2	330.1	284.0	46.15	7.153	
8,500.0	7,754.5	8,450.3	7,754.5	27.7	25.0	90.00	928.4	-454.8	330.1	281.4	48.79	6.767	
8,600.0	7,754.3	8,550.3	7,754.3	28.9	26.4	90.00	1,028.4	-454.5	330.1	278.6	51.58	6.401	
8,700.0	7,754.1	8,650.3	7,754.1	30.2	27.8	90.00	1,128.4	-454.1	330.1	275.6	54.49	6.059	
8,800.0	7,754.0	8,750.3	7,754.0	31.6	29.3	90.00	1,228.4	-453.8	330.1	272.6	57.51	5.740	
8,900.0	7,753.8	8,850.3	7,753.8	33.0	30.8	90.00	1,328.4	-453.5	330.1	269.5	60.62	5.446	
9,000.0	7,753.6	8,950.3	7,753.6	34.5	32.4	90.00	1,428.4	-453.1	330.1	266.3	63.81	5.173	
9,100.0	7,753.4	9,050.3	7,753.4	36.0	34.0	90.00	1,528.4	-452.8	330.1	263.1	67.07	4.922	
9,200.0	7,753.2	9,150.3	7,753.2	37.5	35.6	90.00	1,628.4	-452.5	330.1	259.7	70.38	4.690	
9,300.0	7,753.0	9,250.3	7,753.0	39.1	37.3	90.00	1,728.4	-452.1	330.1	256.4	73.75	4.476	
9,400.0	7,752.8	9,350.3	7,752.8	40.7	38.9	90.00	1,828.4	-451.8	330.1	253.0	77.16	4.279	
9,500.0	7,752.6	9,450.3	7,752.7	42.4	40.7	90.00	1,928.4	-451.5	330.1	249.5	80.60	4.096	
9,600.0	7,752.5	9,550.3	7,752.5	44.0	42.4	90.00	2,028.4	-451.1	330.1	246.0	84.08	3.926	
9,700.0	7,752.3	9,650.3	7,752.3	45.7	44.1	90.00	2,128.4	-450.8	330.1	242.5	87.59	3.769	
9,800.0	7,752.1	9,750.3	7,752.1	47.4	45.9	90.00	2,228.4	-450.5	330.1	239.0	91.12	3.623	
9,900.0	7,751.9	9,850.3	7,751.9	49.1	47.6	90.00	2,328.4	-450.1	330.1	235.4	94.68	3.487	
10,000.0	7,751.7	9,950.3	7,751.7	50.9	49.4	90.00	2,428.4	-449.8	330.1	231.9	98.25	3.360	
10,100.0	7,751.5	10,050.3	7,751.5	52.6	51.2	90.00	2,528.4	-449.4	330.1	228.3	101.85	3.241	
10,200.0	7,751.3	10,150.3	7,751.3	54.4	53.0	90.00	2,628.4	-449.1	330.1	224.7	105.46	3.130	
10,300.0	7,751.2	10,250.3	7,751.2	56.1	54.8	90.00	2,728.4	-448.8	330.1	221.0	109.08	3.026	

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey J-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWDD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,400.0	7,751.0	10,350.3	7,751.0	57.9	56.6	90.00	2,828.4	-448.4	330.1	217.4	112.72	2.929	
10,500.0	7,750.8	10,450.3	7,750.8	59.7	58.4	90.00	2,928.4	-448.1	330.1	213.7	116.37	2.837	
10,600.0	7,750.6	10,550.3	7,750.6	61.5	60.2	90.00	3,028.4	-447.8	330.1	210.1	120.04	2.750	
10,700.0	7,750.4	10,650.3	7,750.4	63.3	62.0	90.00	3,128.4	-447.4	330.1	206.4	123.71	2.668	
10,800.0	7,750.2	10,750.3	7,750.2	65.1	63.9	90.00	3,228.4	-447.1	330.1	202.7	127.39	2.591	
10,900.0	7,750.0	10,850.3	7,750.0	66.9	65.7	90.00	3,328.4	-446.8	330.1	199.0	131.08	2.518	
11,000.0	7,749.9	10,950.3	7,749.9	68.7	67.6	90.00	3,428.4	-446.4	330.1	195.3	134.78	2.449	
11,100.0	7,749.7	11,050.3	7,749.7	70.5	69.4	90.00	3,528.4	-446.1	330.1	191.6	138.48	2.384	
11,200.0	7,749.5	11,150.3	7,749.5	72.3	71.3	90.00	3,628.3	-445.8	330.1	187.9	142.19	2.322	
11,300.0	7,749.3	11,250.3	7,749.3	74.2	73.1	90.00	3,728.3	-445.4	330.1	184.2	145.91	2.262	
11,400.0	7,749.1	11,350.3	7,749.1	76.0	75.0	90.00	3,828.3	-445.1	330.1	180.5	149.63	2.206	
11,500.0	7,748.9	11,450.3	7,748.9	77.8	76.8	90.00	3,928.3	-444.8	330.1	176.7	153.36	2.152	
11,600.0	7,748.7	11,550.3	7,748.7	79.7	78.7	90.00	4,028.3	-444.4	330.1	173.0	157.09	2.101	
11,700.0	7,748.6	11,650.3	7,748.6	81.5	80.5	90.00	4,128.3	-444.1	330.1	169.3	160.83	2.052	
11,800.0	7,748.4	11,750.3	7,748.4	83.4	82.4	90.00	4,228.3	-443.7	330.1	165.5	164.57	2.006	
11,900.0	7,748.2	11,850.3	7,748.2	85.2	84.3	90.00	4,328.3	-443.4	330.1	161.8	168.31	1.961	
12,000.0	7,748.0	11,950.3	7,748.0	87.1	86.1	90.00	4,428.3	-443.1	330.1	158.0	172.06	1.918	
12,100.0	7,747.8	12,050.3	7,747.8	88.9	88.0	90.00	4,528.3	-442.7	330.1	154.3	175.82	1.877	
12,200.0	7,747.6	12,150.3	7,747.6	90.8	89.9	90.00	4,628.3	-442.4	330.1	150.5	179.57	1.838	
12,300.0	7,747.4	12,250.3	7,747.4	92.7	91.8	90.00	4,728.3	-442.1	330.1	146.8	183.33	1.801	
12,400.0	7,747.3	12,350.3	7,747.3	94.5	93.6	90.00	4,828.3	-441.7	330.1	143.0	187.09	1.764	
12,500.0	7,747.1	12,450.3	7,747.1	96.4	95.5	90.00	4,928.3	-441.4	330.1	139.2	190.85	1.730	
12,600.0	7,746.9	12,550.3	7,746.9	98.3	97.4	90.00	5,028.3	-441.1	330.1	135.5	194.62	1.696	
12,700.0	7,746.7	12,650.3	7,746.7	100.1	99.3	90.00	5,128.3	-440.7	330.1	131.7	198.39	1.664	
12,800.0	7,746.5	12,750.3	7,746.5	102.0	101.2	90.00	5,228.3	-440.4	330.1	127.9	202.16	1.633	
12,900.0	7,746.3	12,850.3	7,746.3	103.9	103.0	90.00	5,328.3	-440.1	330.1	124.2	205.93	1.603	
13,000.0	7,746.1	12,950.3	7,746.1	105.7	104.9	90.00	5,428.3	-439.7	330.1	120.4	209.71	1.574	
13,100.0	7,745.9	13,050.3	7,746.0	107.6	106.8	90.00	5,528.3	-439.4	330.1	116.6	213.48	1.546	
13,200.0	7,745.8	13,150.3	7,745.8	109.5	108.7	90.00	5,628.3	-439.0	330.1	112.8	217.26	1.519	
13,300.0	7,745.6	13,250.3	7,745.6	111.4	110.6	90.00	5,728.3	-438.7	330.1	109.0	221.04	1.493 Level 3	
13,400.0	7,745.4	13,350.3	7,745.4	113.3	112.5	90.00	5,828.3	-438.4	330.1	105.3	224.82	1.468 Level 3	
13,500.0	7,745.2	13,450.3	7,745.2	115.1	114.4	90.00	5,928.3	-438.0	330.1	101.5	228.61	1.444 Level 3	
13,600.0	7,745.0	13,550.3	7,745.0	117.0	116.2	90.00	6,028.3	-437.7	330.1	97.7	232.39	1.420 Level 3	
13,700.0	7,744.8	13,650.3	7,744.8	118.9	118.1	90.00	6,128.3	-437.4	330.1	93.9	236.18	1.398 Level 3	
13,800.0	7,744.6	13,750.3	7,744.6	120.8	120.0	90.00	6,228.3	-437.0	330.1	90.1	239.96	1.375 Level 3	
13,900.0	7,744.5	13,850.3	7,744.5	122.7	121.9	90.00	6,328.3	-436.7	330.1	86.3	243.75	1.354 Level 3	
14,000.0	7,744.3	13,950.3	7,744.3	124.5	123.8	90.00	6,428.3	-436.4	330.1	82.5	247.54	1.333 Level 3	
14,100.0	7,744.1	14,050.3	7,744.1	126.4	125.7	90.00	6,528.3	-436.0	330.1	78.7	251.33	1.313 Level 3	
14,200.0	7,743.9	14,150.3	7,743.9	128.3	127.6	90.00	6,628.3	-435.7	330.1	74.9	255.13	1.294 Level 3	
14,300.0	7,743.7	14,250.3	7,743.7	130.2	129.5	90.00	6,728.3	-435.4	330.1	71.1	258.92	1.275 Level 3	
14,400.0	7,743.5	14,350.3	7,743.5	132.1	131.4	90.00	6,828.3	-435.0	330.1	67.3	262.71	1.256 Level 3	
14,500.0	7,743.3	14,450.3	7,743.3	134.0	133.3	90.00	6,928.3	-434.7	330.1	63.6	266.51	1.238 Level 2	
14,600.0	7,743.2	14,550.3	7,743.2	135.9	135.2	90.00	7,028.3	-434.3	330.1	59.8	270.30	1.221 Level 2	
14,700.0	7,743.0	14,650.3	7,743.0	137.8	137.1	90.00	7,128.3	-434.0	330.1	56.0	274.10	1.204 Level 2	
14,800.0	7,742.8	14,750.3	7,742.8	139.7	139.0	90.00	7,228.3	-433.7	330.1	52.2	277.90	1.188 Level 2	
14,900.0	7,742.6	14,850.3	7,742.6	141.5	140.9	90.00	7,328.3	-433.3	330.1	48.4	281.70	1.172 Level 2	
15,000.0	7,742.4	14,950.3	7,742.4	143.4	142.8	90.00	7,428.3	-433.0	330.1	44.6	285.50	1.156 Level 2	
15,100.0	7,742.2	15,050.3	7,742.2	145.3	144.7	90.00	7,528.3	-432.7	330.1	40.8	289.30	1.141 Level 2	
15,200.0	7,742.0	15,150.3	7,742.0	147.2	146.6	90.00	7,628.3	-432.3	330.1	37.0	293.10	1.126 Level 2	
15,300.0	7,741.9	15,250.3	7,741.9	149.1	148.5	90.00	7,728.3	-432.0	330.1	33.2	296.90	1.112 Level 2	
15,400.0	7,741.7	15,350.3	7,741.7	151.0	150.4	90.00	7,828.3	-431.7	330.0	29.3	300.70	1.098 Level 2	
15,500.0	7,741.5	15,450.3	7,741.5	152.9	152.3	90.00	7,928.3	-431.3	330.0	25.5	304.50	1.084 Level 2	

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey J-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												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
15,600.0	7,741.3	15,550.3	7,741.3	154.8	154.2	90.00	8,028.3	-431.0	330.0	21.7	308.31	1.071	Level 2
15,700.0	7,741.1	15,650.3	7,741.1	156.7	156.1	90.00	8,128.3	-430.7	330.0	17.9	312.11	1.057	Level 2
15,800.0	7,740.9	15,750.3	7,740.9	158.6	158.0	90.00	8,228.3	-430.3	330.0	14.1	315.91	1.045	Level 2
15,900.0	7,740.7	15,850.3	7,740.7	160.5	159.9	90.00	8,328.3	-430.0	330.0	10.3	319.72	1.032	Level 2
16,000.0	7,740.6	15,950.3	7,740.6	162.4	161.8	90.00	8,428.3	-429.6	330.0	6.5	323.53	1.020	Level 2
16,100.0	7,740.4	16,050.3	7,740.4	164.3	163.7	90.00	8,528.3	-429.3	330.0	2.7	327.33	1.008	Level 2
16,200.0	7,740.2	16,150.3	7,740.2	166.2	165.6	90.00	8,628.3	-429.0	330.0	-1.1	331.14	0.997	Level 1
16,296.0	7,740.0	16,246.3	7,740.0	168.0	167.4	90.00	8,724.3	-428.7	330.0	-4.8	334.79	0.986	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey K-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												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	20.04	42.3	15.4	45.0				
100.0	100.0	99.0	99.0	0.1	0.1	20.04	42.3	15.4	45.0	44.8	0.22	201.109	
200.0	200.0	199.0	199.0	0.3	0.3	20.04	42.3	15.4	45.0	44.3	0.67	66.925	
300.0	300.0	299.0	299.0	0.6	0.6	20.04	42.3	15.4	45.0	43.9	1.12	40.101	
400.0	400.0	399.0	399.0	0.8	0.8	20.04	42.3	15.4	45.0	43.4	1.57	28.627	
500.0	500.0	499.0	499.0	1.0	1.0	20.04	42.3	15.4	45.0	43.0	2.02	22.259	
600.0	600.0	599.0	599.0	1.2	1.2	20.04	42.3	15.4	45.0	42.5	2.47	18.208	
700.0	700.0	699.0	699.0	1.5	1.5	20.04	42.3	15.4	45.0	42.1	2.92	15.405	
800.0	800.0	799.0	799.0	1.7	1.7	20.04	42.3	15.4	45.0	41.6	3.37	13.349	
900.0	900.0	899.0	899.0	1.9	1.9	20.04	42.3	15.4	45.0	41.2	3.82	11.778	
1,000.0	1,000.0	999.0	999.0	2.1	2.1	20.04	42.3	15.4	45.0	40.7	4.27	10.537	
1,100.0	1,100.0	1,099.0	1,099.0	2.4	2.4	20.04	42.3	15.4	45.0	40.3	4.72	9.533	
1,200.0	1,200.0	1,199.0	1,199.0	2.6	2.6	20.04	42.3	15.4	45.0	39.8	5.17	8.704	
1,300.0	1,300.0	1,299.0	1,299.0	2.8	2.8	20.04	42.3	15.4	45.0	39.4	5.62	8.007	
1,400.0	1,400.0	1,399.0	1,399.0	3.0	3.0	20.04	42.3	15.4	45.0	38.9	6.07	7.414 CC, ES	
1,500.0	1,500.0	1,499.0	1,499.0	3.2	3.3	115.61	42.3	15.4	45.7	39.2	6.50	7.030	
1,600.0	1,599.8	1,598.8	1,598.8	3.4	3.5	121.18	42.3	15.4	48.2	41.3	6.92	6.961 SF	
1,700.0	1,699.5	1,698.5	1,698.5	3.7	3.7	129.14	42.3	15.4	53.2	45.9	7.35	7.245	
1,800.0	1,798.7	1,797.7	1,797.7	3.9	3.9	137.81	42.3	15.4	61.7	53.9	7.77	7.940	
1,900.0	1,897.5	1,896.5	1,896.5	4.2	4.2	145.79	42.3	15.4	74.1	65.9	8.18	9.055	
2,000.0	1,995.7	1,994.7	1,994.7	4.4	4.4	152.38	42.3	15.4	90.2	81.6	8.59	10.495	
2,100.0	2,093.8	2,096.4	2,096.4	4.8	4.6	157.36	41.4	14.1	106.0	97.0	9.01	11.770	
2,200.0	2,192.0	2,199.3	2,199.1	5.1	4.8	161.37	38.4	9.6	119.0	109.6	9.41	12.646	
2,300.0	2,290.1	2,300.7	2,300.2	5.4	5.0	164.87	33.8	2.6	129.3	119.5	9.81	13.178	
2,400.0	2,388.3	2,399.9	2,399.0	5.8	5.2	167.84	29.0	-4.7	139.6	129.3	10.22	13.652	
2,500.0	2,486.4	2,499.1	2,497.8	6.2	5.4	170.40	24.2	-12.0	150.1	139.5	10.64	14.110	
2,600.0	2,584.6	2,598.4	2,596.7	6.5	5.6	172.62	19.4	-19.3	161.0	149.9	11.07	14.545	
2,700.0	2,682.7	2,697.6	2,695.5	6.9	5.8	174.56	14.6	-26.6	172.0	160.5	11.50	14.956	
2,800.0	2,780.9	2,796.8	2,794.4	7.3	6.0	176.27	9.8	-33.8	183.3	171.3	11.94	15.342	
2,900.0	2,879.0	2,896.0	2,893.2	7.7	6.3	177.77	5.0	-41.1	194.6	182.2	12.39	15.702	
3,000.0	2,977.2	2,995.3	2,992.1	8.1	6.5	179.11	0.2	-48.4	206.1	193.2	12.85	16.037	
3,100.0	3,075.3	3,094.5	3,090.9	8.5	6.7	-179.69	-4.7	-55.7	217.7	204.4	13.31	16.349	
3,200.0	3,173.5	3,193.7	3,189.8	8.9	7.0	-178.61	-9.5	-63.0	229.3	215.6	13.78	16.639	
3,300.0	3,271.6	3,293.0	3,288.6	9.3	7.2	-177.64	-14.3	-70.3	241.1	226.8	14.26	16.908	
3,400.0	3,369.8	3,392.2	3,387.4	9.7	7.5	-176.76	-19.1	-77.6	252.9	238.1	14.74	17.158	
3,500.0	3,467.9	3,491.4	3,486.3	10.1	7.7	-175.96	-23.9	-84.9	264.7	249.5	15.22	17.391	
3,600.0	3,566.1	3,590.6	3,585.1	10.6	8.0	-175.22	-28.7	-92.2	276.6	260.9	15.71	17.607	
3,700.0	3,664.2	3,689.9	3,684.0	11.0	8.2	-174.55	-33.5	-99.4	288.6	272.4	16.20	17.808	
3,800.0	3,762.4	3,789.1	3,782.8	11.4	8.5	-173.93	-38.3	-106.7	300.6	283.9	16.70	17.996	
3,900.0	3,860.5	3,888.3	3,881.7	11.8	8.7	-173.36	-43.1	-114.0	312.6	295.4	17.20	18.171	
4,000.0	3,958.7	3,984.8	3,977.8	12.2	9.0	-172.86	-47.7	-121.0	324.7	307.0	17.69	18.353	
4,100.0	4,056.8	4,075.5	4,068.2	12.6	9.2	-172.65	-50.8	-125.7	338.9	320.7	18.15	18.674	
4,200.0	4,155.0	4,165.4	4,158.1	13.1	9.3	-172.74	-52.3	-127.9	355.5	336.9	18.58	19.130	
4,300.0	4,253.1	4,259.4	4,252.1	13.5	9.5	-173.07	-52.4	-128.2	374.3	355.2	19.02	19.676	
4,400.0	4,351.2	4,357.5	4,350.2	13.9	9.7	-173.41	-52.4	-128.2	393.3	373.8	19.47	20.201	
4,500.0	4,449.4	4,455.7	4,448.4	14.3	9.9	-173.71	-52.4	-128.2	412.3	392.4	19.92	20.699	
4,600.0	4,547.5	4,553.8	4,546.5	14.8	10.1	-173.99	-52.4	-128.2	431.4	411.0	20.37	21.174	
4,700.0	4,645.7	4,651.9	4,644.7	15.2	10.3	-174.24	-52.4	-128.2	450.4	429.6	20.83	21.627	
4,800.0	4,743.8	4,750.1	4,742.8	15.6	10.5	-174.48	-52.4	-128.2	469.5	448.2	21.28	22.060	
4,900.0	4,842.0	4,848.2	4,841.0	16.0	10.7	-174.70	-52.4	-128.2	488.6	466.8	21.74	22.473	
5,000.0	4,940.1	4,946.4	4,939.1	16.5	10.9	-174.89	-52.4	-128.2	507.7	485.5	22.20	22.869	
5,100.0	5,038.3	5,044.5	5,037.3	16.9	11.1	-175.08	-52.4	-128.2	526.7	504.1	22.66	23.247	

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey K-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,200.0	5,136.4	5,142.7	5,135.4	17.3	11.3	-175.25	-52.4	-128.2	545.8	522.7	23.12	23.610	
5,300.0	5,234.6	5,240.8	5,233.6	17.7	11.5	-175.41	-52.4	-128.2	564.9	541.4	23.58	23.957	
5,400.0	5,332.7	5,339.0	5,331.7	18.2	11.7	-175.56	-52.4	-128.2	584.0	560.0	24.04	24.291	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey L-11-2HN - Wellbore #1 - Plan #1 (9-4-14)													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)	Offset Wellbore Centre +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	19.92	56.5	20.5	60.1					
100.0	100.0	99.0	99.0	0.1	0.1	19.92	56.5	20.5	60.1	59.8	0.22	268.536		
200.0	200.0	199.0	199.0	0.3	0.3	19.92	56.5	20.5	60.1	59.4	0.67	89.363		
300.0	300.0	299.0	299.0	0.6	0.6	19.92	56.5	20.5	60.1	58.9	1.12	53.546		
400.0	400.0	399.0	399.0	0.8	0.8	19.92	56.5	20.5	60.1	58.5	1.57	38.225		
500.0	500.0	499.0	499.0	1.0	1.0	19.92	56.5	20.5	60.1	58.0	2.02	29.721		
600.0	600.0	599.0	599.0	1.2	1.2	19.92	56.5	20.5	60.1	57.6	2.47	24.313		
700.0	700.0	699.0	699.0	1.5	1.5	19.92	56.5	20.5	60.1	57.1	2.92	20.569		
800.0	800.0	799.0	799.0	1.7	1.7	19.92	56.5	20.5	60.1	56.7	3.37	17.825		
900.0	900.0	899.0	899.0	1.9	1.9	19.92	56.5	20.5	60.1	56.2	3.82	15.727		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	19.92	56.5	20.5	60.1	55.8	4.27	14.070		
1,100.0	1,100.0	1,099.0	1,099.0	2.4	2.4	19.92	56.5	20.5	60.1	55.3	4.72	12.730		
1,200.0	1,200.0	1,199.0	1,199.0	2.6	2.6	19.92	56.5	20.5	60.1	54.9	5.17	11.622		
1,300.0	1,300.0	1,299.0	1,299.0	2.8	2.8	19.92	56.5	20.5	60.1	54.4	5.62	10.692		
1,400.0	1,400.0	1,399.0	1,399.0	3.0	3.0	19.92	56.5	20.5	60.1	54.0	6.07	9.900 CC, ES		
1,500.0	1,500.0	1,499.0	1,499.0	3.2	3.3	114.99	56.5	20.5	60.8	54.3	6.50	9.348		
1,600.0	1,599.8	1,598.8	1,598.8	3.4	3.5	119.25	56.5	20.5	63.2	56.2	6.93	9.121 SF		
1,700.0	1,699.5	1,698.5	1,698.5	3.7	3.7	125.59	56.5	20.5	67.9	60.5	7.35	9.230		
1,800.0	1,798.7	1,797.7	1,797.7	3.9	3.9	132.98	56.5	20.5	75.6	67.8	7.78	9.724		
1,900.0	1,897.5	1,896.5	1,896.5	4.2	4.2	140.34	56.5	20.5	87.1	78.9	8.20	10.627		
2,000.0	1,995.7	1,994.7	1,994.7	4.4	4.4	146.92	56.5	20.5	102.3	93.6	8.62	11.866		
2,100.0	2,093.8	2,092.8	2,092.8	4.8	4.6	151.95	56.5	20.5	118.8	109.8	9.05	13.127		
2,200.0	2,192.0	2,191.0	2,191.0	5.1	4.8	155.73	56.5	20.5	136.1	126.6	9.49	14.338		
2,300.0	2,290.1	2,289.1	2,289.1	5.4	5.0	158.66	56.5	20.5	153.8	143.9	9.94	15.482		
2,400.0	2,388.3	2,387.3	2,387.3	5.8	5.3	160.98	56.5	20.5	171.9	161.5	10.38	16.554		
2,500.0	2,486.4	2,485.4	2,485.4	6.2	5.5	162.86	56.5	20.5	190.1	179.3	10.83	17.554		
2,600.0	2,584.6	2,579.8	2,579.8	6.5	5.7	164.59	55.9	21.4	209.3	198.0	11.25	18.595		
2,700.0	2,682.7	2,672.4	2,672.3	6.9	5.8	166.58	53.8	24.9	230.7	219.1	11.66	19.792		
2,800.0	2,780.9	2,763.7	2,763.3	7.3	6.0	168.71	50.3	30.9	254.6	242.6	12.06	21.118		
2,900.0	2,879.0	2,859.5	2,858.7	7.7	6.2	170.82	45.7	38.7	280.1	267.6	12.47	22.467		
3,000.0	2,977.2	2,955.7	2,954.5	8.1	6.4	172.59	41.1	46.5	305.9	293.0	12.88	23.743		
3,100.0	3,075.3	3,052.0	3,050.3	8.5	6.6	174.08	36.5	54.3	331.9	318.6	13.31	24.943		
3,200.0	3,173.5	3,148.2	3,146.1	8.9	6.8	175.36	31.9	62.1	358.1	344.3	13.74	26.068		
3,300.0	3,271.6	3,244.4	3,241.9	9.3	7.0	176.47	27.3	69.8	384.4	370.3	14.17	27.126		
3,400.0	3,369.8	3,340.6	3,337.7	9.7	7.3	177.43	22.7	77.6	410.9	396.3	14.61	28.120		
3,500.0	3,467.9	3,436.8	3,433.5	10.1	7.5	178.28	18.0	85.4	437.4	422.4	15.06	29.053		
3,600.0	3,566.1	3,533.1	3,529.3	10.6	7.7	179.03	13.4	93.2	464.1	448.6	15.50	29.931		
3,700.0	3,664.2	3,629.3	3,625.1	11.0	7.9	179.70	8.8	101.0	490.8	474.8	15.96	30.756		
3,800.0	3,762.4	3,725.5	3,720.9	11.4	8.2	-179.70	4.2	108.8	517.5	501.1	16.41	31.533		
3,900.0	3,860.5	3,821.7	3,816.7	11.8	8.4	-179.16	-0.4	116.6	544.3	527.5	16.87	32.266		
4,000.0	3,958.7	3,917.9	3,912.4	12.2	8.6	-178.67	-5.0	124.4	571.2	553.8	17.33	32.957		
4,100.0	4,056.8	4,014.2	4,008.2	12.6	8.9	-178.22	-9.6	132.2	598.0	580.3	17.79	33.609		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey M-11-12HC - Wellbore #1 - Plan #1 (7-02-14)													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
0.0	0.0	0.0	0.0	0.0	0.0	-159.96	-42.3	-15.4	45.0				
100.0	100.0	100.0	100.0	0.1	0.1	-159.96	-42.3	-15.4	45.0	44.8	0.22	200.140	
200.0	200.0	200.0	200.0	0.3	0.3	-159.96	-42.3	-15.4	45.0	44.3	0.67	66.713	
300.0	300.0	300.0	300.0	0.6	0.6	-159.96	-42.3	-15.4	45.0	43.9	1.12	40.028	
400.0	400.0	400.0	400.0	0.8	0.8	-159.96	-42.3	-15.4	45.0	43.4	1.57	28.591	
500.0	500.0	500.0	500.0	1.0	1.0	-159.96	-42.3	-15.4	45.0	43.0	2.02	22.238	
600.0	600.0	600.0	600.0	1.2	1.2	-159.96	-42.3	-15.4	45.0	42.5	2.47	18.195	
700.0	700.0	700.0	700.0	1.5	1.5	-159.96	-42.3	-15.4	45.0	42.1	2.92	15.395	
800.0	800.0	800.0	800.0	1.7	1.7	-159.96	-42.3	-15.4	45.0	41.6	3.37	13.343 CC, ES	
900.0	900.0	899.4	899.3	1.9	1.9	-157.97	-42.3	-17.1	45.7	41.9	3.81	12.002	
1,000.0	1,000.0	998.5	998.3	2.1	2.1	-152.37	-42.6	-22.3	48.1	43.8	4.23	11.355	
1,100.0	1,100.0	1,097.1	1,096.6	2.4	2.3	-144.36	-43.0	-30.8	53.0	48.3	4.67	11.333	
1,200.0	1,200.0	1,195.1	1,193.8	2.6	2.6	-135.60	-43.5	-42.6	61.2	56.0	5.13	11.921	
1,300.0	1,300.0	1,292.1	1,289.7	2.8	2.8	-127.50	-44.2	-57.5	73.3	67.6	5.62	13.030	
1,400.0	1,400.0	1,389.4	1,385.4	3.0	3.1	-120.84	-45.0	-75.3	88.9	82.8	6.15	14.449	
1,500.0	1,500.0	1,488.0	1,482.2	3.2	3.5	-22.73	-45.8	-93.6	104.1	97.7	6.47	16.105	
1,600.0	1,599.8	1,587.1	1,579.6	3.4	3.8	-19.94	-46.6	-112.1	116.6	109.7	6.89	16.921	
1,700.0	1,699.5	1,686.6	1,677.3	3.7	4.2	-18.19	-47.4	-130.6	125.9	118.6	7.32	17.205	
1,800.0	1,798.7	1,786.3	1,775.3	3.9	4.6	-17.14	-48.3	-149.1	132.0	124.2	7.75	17.032	
1,900.0	1,897.5	1,886.3	1,873.5	4.2	5.0	-16.62	-49.1	-167.7	134.8	126.6	8.19	16.456	
2,000.0	1,995.7	1,986.3	1,971.8	4.4	5.4	-16.49	-49.9	-186.3	134.6	126.0	8.65	15.557	
2,100.0	2,093.8	2,086.3	2,070.0	4.8	5.8	-16.42	-50.8	-204.9	134.0	124.9	9.14	14.659	
2,200.0	2,192.0	2,186.3	2,168.3	5.1	6.2	-16.36	-51.6	-223.5	133.4	123.7	9.63	13.843	
2,300.0	2,290.1	2,286.3	2,266.5	5.4	6.6	-16.29	-52.4	-242.1	132.7	122.6	10.13	13.099	
2,400.0	2,388.3	2,386.3	2,364.8	5.8	7.0	-16.22	-53.3	-260.7	132.1	121.5	10.64	12.419	
2,500.0	2,486.4	2,486.3	2,463.0	6.2	7.4	-16.15	-54.1	-279.3	131.5	120.4	11.15	11.796	
2,600.0	2,584.6	2,586.3	2,561.3	6.5	7.8	-16.08	-55.0	-297.9	130.9	119.2	11.66	11.225	
2,700.0	2,682.7	2,686.3	2,659.5	6.9	8.2	-16.01	-55.8	-316.5	130.3	118.1	12.17	10.699	
2,800.0	2,780.9	2,786.3	2,757.8	7.3	8.6	-15.94	-56.6	-335.1	129.6	116.9	12.69	10.214	
2,900.0	2,879.0	2,886.3	2,856.0	7.7	9.0	-15.86	-57.5	-353.7	129.0	115.8	13.21	9.765	
3,000.0	2,977.2	2,986.3	2,954.3	8.1	9.5	-15.79	-58.3	-372.3	128.4	114.7	13.73	9.349	
3,100.0	3,075.3	3,086.3	3,052.5	8.5	9.9	-15.72	-59.1	-390.9	127.8	113.5	14.26	8.962	
3,200.0	3,173.5	3,186.3	3,150.8	8.9	10.3	-15.64	-60.0	-409.5	127.2	112.4	14.78	8.602	
3,300.0	3,271.6	3,286.3	3,249.0	9.3	10.7	-15.57	-60.8	-428.1	126.5	111.2	15.31	8.266	
3,400.0	3,369.8	3,386.3	3,347.3	9.7	11.1	-15.49	-61.6	-446.7	125.9	110.1	15.83	7.952	
3,500.0	3,467.9	3,486.3	3,445.5	10.1	11.5	-15.42	-62.5	-465.3	125.3	108.9	16.36	7.658	
3,600.0	3,566.1	3,586.3	3,543.8	10.6	12.0	-15.34	-63.3	-483.9	124.7	107.8	16.89	7.382	
3,700.0	3,664.2	3,686.3	3,642.0	11.0	12.4	-15.26	-64.1	-502.5	124.1	106.6	17.42	7.122	
3,800.0	3,762.4	3,786.3	3,740.3	11.4	12.8	-15.18	-65.0	-521.1	123.4	105.5	17.95	6.877	
3,900.0	3,860.5	3,886.2	3,838.5	11.8	13.2	-15.10	-65.8	-539.7	122.8	104.3	18.48	6.647	
4,000.0	3,958.7	3,986.2	3,936.8	12.2	13.6	-15.02	-66.6	-558.3	122.2	103.2	19.01	6.429	
4,100.0	4,056.8	4,086.2	4,035.0	12.6	14.1	-14.94	-67.5	-576.9	121.6	102.0	19.54	6.223	
4,200.0	4,155.0	4,186.2	4,133.3	13.1	14.5	-14.86	-68.3	-595.5	121.0	100.9	20.07	6.028	
4,300.0	4,253.1	4,286.2	4,231.5	13.5	14.9	-14.77	-69.2	-614.1	120.3	99.7	20.60	5.843	
4,400.0	4,351.2	4,386.2	4,329.8	13.9	15.3	-14.69	-70.0	-632.7	119.7	98.6	21.13	5.667	
4,500.0	4,449.4	4,486.2	4,428.0	14.3	15.8	-14.61	-70.8	-651.2	119.1	97.4	21.66	5.499	
4,600.0	4,547.5	4,586.2	4,526.3	14.8	16.2	-14.52	-71.7	-669.8	118.5	96.3	22.19	5.340	
4,700.0	4,645.7	4,686.2	4,624.5	15.2	16.6	-14.43	-72.5	-688.4	117.9	95.2	22.72	5.189	
4,800.0	4,743.8	4,786.2	4,722.8	15.6	17.0	-14.35	-73.3	-707.0	117.3	94.0	23.25	5.044	
4,900.0	4,842.0	4,886.2	4,821.0	16.0	17.4	-14.26	-74.2	-725.6	116.6	92.9	23.78	4.905	
5,000.0	4,940.1	4,986.2	4,919.3	16.5	17.9	-14.17	-75.0	-744.2	116.0	91.7	24.31	4.773	
5,100.0	5,038.3	5,086.2	5,017.5	16.9	18.3	-14.08	-75.8	-762.8	115.4	90.6	24.83	4.647	

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey M-11-12HC - Wellbore #1 - Plan #1 (7-02-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,200.0	5,136.4	5,186.2	5,115.8	17.3	18.7	-13.99	-76.7	-781.4	114.8	89.4	25.36	4.526	
5,300.0	5,234.6	5,286.2	5,214.0	17.7	19.1	-13.90	-77.5	-800.0	114.2	88.3	25.89	4.410	
5,400.0	5,332.7	5,386.2	5,312.3	18.2	19.6	-13.80	-78.3	-818.6	113.6	87.1	26.42	4.298	
5,500.0	5,430.9	5,486.2	5,410.5	18.6	20.0	-13.71	-79.2	-837.2	112.9	86.0	26.95	4.191	
5,531.8	5,462.1	5,518.0	5,441.8	18.7	20.1	-13.66	-79.4	-843.1	112.9	85.8	27.11	4.163	
5,600.0	5,529.2	5,586.2	5,508.8	19.0	20.4	-13.48	-80.0	-855.8	113.4	85.9	27.46	4.130 SF	
5,700.0	5,628.1	5,686.1	5,607.0	19.2	20.8	-12.89	-80.9	-874.4	117.2	89.3	27.88	4.203	
5,800.0	5,727.5	5,785.8	5,704.9	19.5	21.2	-12.01	-81.7	-893.0	124.4	96.1	28.22	4.407	
5,900.0	5,827.2	5,885.2	5,802.6	19.7	21.7	-10.95	-82.5	-911.4	135.0	106.5	28.52	4.734	
6,000.0	5,927.1	5,984.2	5,899.8	19.8	22.1	-9.83	-83.3	-929.8	149.1	120.3	28.77	5.183	
6,100.0	6,027.1	6,082.6	5,996.5	20.0	22.5	-102.30	-84.2	-948.1	166.5	137.5	29.05	5.733	
6,200.0	6,127.1	6,180.9	6,093.0	20.1	22.9	-101.32	-85.0	-966.4	184.9	155.5	29.42	6.286	
6,300.0	6,227.1	6,279.1	6,189.6	20.3	23.3	-100.53	-85.8	-984.7	203.3	173.5	29.81	6.822	
6,400.0	6,327.1	6,377.4	6,286.1	20.4	23.8	-99.86	-86.6	-1,003.0	221.8	191.6	30.21	7.342	
6,500.0	6,427.1	6,475.6	6,382.6	20.5	24.2	-99.30	-87.4	-1,021.2	240.3	209.7	30.62	7.846	
6,600.0	6,527.1	6,573.9	6,479.2	20.7	24.6	-98.81	-88.3	-1,039.5	258.8	227.7	31.05	8.335	
6,700.0	6,627.1	6,672.1	6,575.7	20.8	25.0	-98.40	-89.1	-1,057.8	277.3	245.8	31.48	8.810	
6,800.0	6,727.1	6,770.4	6,672.2	21.0	25.4	-98.03	-89.9	-1,076.1	295.8	263.9	31.91	9.271	
6,900.0	6,827.1	6,868.6	6,768.8	21.1	25.8	-97.71	-90.7	-1,094.3	314.4	282.0	32.35	9.719	
7,000.0	6,927.1	6,966.9	6,865.3	21.3	26.3	-97.42	-91.6	-1,112.6	332.9	300.1	32.79	10.154	
7,100.0	7,027.1	7,065.1	6,961.8	21.4	26.7	-97.16	-92.4	-1,130.9	351.5	318.3	33.23	10.578	
7,200.0	7,126.9	7,163.1	7,058.1	21.6	27.1	-96.58	-93.2	-1,149.1	370.7	337.1	33.60	11.034	
7,300.0	7,225.0	7,277.1	7,170.2	21.7	27.5	-98.04	-94.1	-1,169.6	391.5	357.5	34.02	11.508	
7,400.0	7,319.5	7,481.4	7,373.9	21.9	27.7	-107.16	-96.0	-1,169.2	398.7	363.9	34.84	11.442	
7,500.0	7,408.5	7,660.2	7,545.7	22.0	27.5	-121.04	-97.7	-1,121.8	391.2	355.2	35.97	10.874	
7,600.0	7,490.3	7,797.7	7,666.9	22.2	27.1	-135.58	-99.0	-1,057.2	384.1	347.9	36.17	10.618	
7,607.6	7,496.2	7,806.4	7,674.1	22.2	27.1	-136.59	-99.1	-1,052.3	384.1	348.0	36.12	10.634	
7,700.0	7,563.4	7,896.7	7,745.3	22.4	26.8	-147.17	-99.9	-996.9	392.9	358.4	34.56	11.370	
7,800.0	7,626.2	7,966.1	7,795.0	22.6	26.6	-154.97	-100.5	-948.5	426.2	394.6	31.58	13.496	
7,900.0	7,677.5	8,013.7	7,826.2	23.0	26.6	-159.55	-100.9	-912.6	483.6	455.6	28.01	17.263	
8,000.0	7,716.4	8,045.0	7,845.5	23.4	26.5	-161.39	-101.2	-887.9	559.5	535.0	24.55	22.795	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey M-11-12HN - Wellbore #1 - Plan #2 (9-4-14)													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	-159.96	-28.4	-10.4	30.3					
100.0	100.0	100.0	100.0	0.1	0.1	-159.96	-28.4	-10.4	30.3	30.0	0.22	134.608		
200.0	200.0	200.0	200.0	0.3	0.3	-159.96	-28.4	-10.4	30.3	29.6	0.67	44.869		
300.0	300.0	300.0	300.0	0.6	0.6	-159.96	-28.4	-10.4	30.3	29.1	1.12	26.922		
400.0	400.0	400.0	400.0	0.8	0.8	-159.96	-28.4	-10.4	30.3	28.7	1.57	19.230		
500.0	500.0	500.0	500.0	1.0	1.0	-159.96	-28.4	-10.4	30.3	28.2	2.02	14.956		
600.0	600.0	600.0	600.0	1.2	1.2	-159.96	-28.4	-10.4	30.3	27.8	2.47	12.237		
700.0	700.0	700.0	700.0	1.5	1.5	-159.96	-28.4	-10.4	30.3	27.3	2.92	10.354		
800.0	800.0	800.0	800.0	1.7	1.7	-159.96	-28.4	-10.4	30.3	26.9	3.37	8.974		
900.0	900.0	900.0	900.0	1.9	1.9	-159.96	-28.4	-10.4	30.3	26.4	3.82	7.918		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-159.96	-28.4	-10.4	30.3	26.0	4.27	7.085 CC, ES		
1,100.0	1,100.0	1,099.7	1,099.7	2.4	2.3	-156.84	-28.3	-12.1	30.8	26.1	4.71	6.536		
1,200.0	1,200.0	1,199.1	1,199.0	2.6	2.6	-148.23	-27.9	-17.3	32.8	27.7	5.14	6.386		
1,300.0	1,300.0	1,298.1	1,297.5	2.8	2.8	-136.50	-27.2	-25.8	37.6	32.0	5.58	6.739		
1,400.0	1,400.0	1,396.3	1,395.1	3.0	3.0	-124.90	-26.3	-37.7	46.2	40.1	6.04	7.651		
1,500.0	1,500.0	1,493.9	1,491.5	3.2	3.3	-22.42	-25.1	-52.7	57.4	50.9	6.45	8.902		
1,600.0	1,599.8	1,591.1	1,586.9	3.4	3.6	-16.19	-23.6	-70.9	69.3	62.4	6.86	10.102		
1,700.0	1,699.5	1,688.7	1,682.1	3.7	3.9	-11.54	-22.0	-92.3	81.3	74.0	7.27	11.181		
1,800.0	1,798.7	1,788.1	1,779.0	3.9	4.3	-8.24	-20.2	-114.7	90.9	83.3	7.69	11.832		
1,900.0	1,897.5	1,887.8	1,876.1	4.2	4.7	-5.80	-18.4	-137.1	97.4	89.3	8.10	12.014		
2,000.0	1,995.7	1,987.7	1,973.4	4.4	5.1	-3.78	-16.6	-159.6	100.8	92.3	8.54	11.808		
2,100.0	2,093.8	2,087.6	2,070.7	4.8	5.6	-1.92	-14.9	-182.1	104.0	95.0	9.01	11.545		
2,200.0	2,192.0	2,187.5	2,168.0	5.1	6.0	-0.16	-13.1	-204.6	107.2	97.7	9.48	11.311		
2,300.0	2,290.1	2,287.4	2,265.3	5.4	6.5	1.49	-11.3	-227.1	110.5	100.6	9.96	11.101		
2,400.0	2,388.3	2,387.3	2,362.6	5.8	6.9	3.05	-9.5	-249.6	113.9	103.5	10.44	10.911		
2,500.0	2,486.4	2,487.2	2,460.0	6.2	7.4	4.51	-7.8	-272.1	117.4	106.5	10.94	10.737		
2,600.0	2,584.6	2,587.1	2,557.3	6.5	7.9	5.89	-6.0	-294.6	121.0	109.6	11.44	10.577		
2,700.0	2,682.7	2,686.9	2,654.6	6.9	8.3	7.18	-4.2	-317.1	124.6	112.7	11.95	10.428		
2,800.0	2,780.9	2,786.8	2,751.9	7.3	8.8	8.41	-2.4	-339.6	128.3	115.9	12.47	10.289		
2,900.0	2,879.0	2,886.7	2,849.2	7.7	9.3	9.56	-0.7	-362.1	132.1	119.1	13.00	10.158		
3,000.0	2,977.2	2,986.6	2,946.5	8.1	9.8	10.66	1.1	-384.6	135.9	122.3	13.54	10.035		
3,100.0	3,075.3	3,086.5	3,043.8	8.5	10.2	11.69	2.9	-407.1	139.7	125.6	14.09	9.919		
3,200.0	3,173.5	3,186.4	3,141.2	8.9	10.7	12.66	4.6	-429.6	143.6	129.0	14.64	9.808		
3,300.0	3,271.6	3,286.3	3,238.5	9.3	11.2	13.59	6.4	-452.1	147.5	132.3	15.20	9.703		
3,400.0	3,369.8	3,386.2	3,335.8	9.7	11.7	14.46	8.2	-474.5	151.5	135.7	15.78	9.603		
3,500.0	3,467.9	3,486.1	3,433.1	10.1	12.2	15.30	10.0	-497.0	155.5	139.1	16.35	9.507		
3,600.0	3,566.1	3,586.0	3,530.4	10.6	12.6	16.09	11.7	-519.5	159.5	142.6	16.94	9.416		
3,700.0	3,664.2	3,685.9	3,627.7	11.0	13.1	16.84	13.5	-542.0	163.6	146.0	17.53	9.328		
3,800.0	3,762.4	3,785.8	3,725.0	11.4	13.6	17.55	15.3	-564.5	167.6	149.5	18.13	9.245		
3,900.0	3,860.5	3,885.7	3,822.3	11.8	14.1	18.23	17.1	-587.0	171.7	153.0	18.74	9.165		
4,000.0	3,958.7	3,985.6	3,919.7	12.2	14.6	18.88	18.8	-609.5	175.9	156.5	19.35	9.088		
4,100.0	4,056.8	4,085.5	4,017.0	12.6	15.1	19.50	20.6	-632.0	180.0	160.1	19.97	9.014		
4,200.0	4,155.0	4,185.4	4,114.3	13.1	15.6	20.09	22.4	-654.5	184.2	163.6	20.59	8.944		
4,300.0	4,253.1	4,285.3	4,211.6	13.5	16.0	20.65	24.2	-677.0	188.4	167.2	21.22	8.876		
4,400.0	4,351.2	4,385.2	4,308.9	13.9	16.5	21.19	25.9	-699.5	192.6	170.7	21.86	8.812		
4,500.0	4,449.4	4,485.1	4,406.2	14.3	17.0	21.71	27.7	-722.0	196.8	174.3	22.50	8.749		
4,600.0	4,547.5	4,585.0	4,503.5	14.8	17.5	22.20	29.5	-744.5	201.1	177.9	23.14	8.690		
4,700.0	4,645.7	4,684.9	4,600.9	15.2	18.0	22.68	31.3	-767.0	205.3	181.5	23.78	8.632		
4,800.0	4,743.8	4,784.8	4,698.2	15.6	18.5	23.13	33.0	-789.5	209.6	185.1	24.43	8.577		
4,900.0	4,842.0	4,884.6	4,795.5	16.0	19.0	23.57	34.8	-812.0	213.9	188.8	25.09	8.524		
5,000.0	4,940.1	4,984.5	4,892.8	16.5	19.5	23.99	36.6	-834.5	218.2	192.4	25.75	8.473		
5,100.0	5,038.3	5,084.4	4,990.1	16.9	20.0	24.39	38.4	-857.0	222.5	196.0	26.41	8.424		

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design		Ivey Pad Sec.11-T1S-R68W - Ivey M-11-12HN - Wellbore #1 - Plan #2 (9-4-14)											Offset Site Error: 0.0 ft	
Survey Program: 0-MWD													Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,200.0	5,136.4	5,184.3	5,087.4	17.3	20.5	24.78	40.1	-879.5	226.8	199.7	27.07	8.377		
5,300.0	5,234.6	5,284.2	5,184.7	17.7	20.9	25.16	41.9	-902.0	231.1	203.4	27.74	8.332		
5,400.0	5,332.7	5,384.1	5,282.0	18.2	21.4	25.52	43.7	-924.5	235.4	207.0	28.41	8.288		
5,500.0	5,430.9	5,484.0	5,379.4	18.6	21.9	25.86	45.5	-947.0	239.8	210.7	29.08	8.246		
5,600.0	5,529.2	5,583.9	5,476.6	19.0	22.4	26.12	47.2	-969.4	245.1	215.4	29.70	8.252		
5,700.0	5,628.1	5,683.5	5,573.7	19.2	22.9	26.07	49.0	-991.9	253.5	223.3	30.19	8.397		
5,800.0	5,727.5	5,782.8	5,670.4	19.5	23.4	25.71	50.8	-1,014.2	265.0	234.4	30.58	8.668		
5,900.0	5,827.2	5,881.7	5,766.7	19.7	23.9	25.12	52.5	-1,036.5	279.7	248.8	30.87	9.060		
6,000.0	5,927.1	5,980.0	5,862.5	19.8	24.4	24.33	54.3	-1,058.6	297.5	266.5	31.08	9.572		
6,100.0	6,027.1	6,077.6	5,957.6	20.0	24.9	-70.19	56.0	-1,080.6	318.5	287.3	31.22	10.200		
6,200.0	6,127.1	6,175.0	6,052.5	20.1	25.3	-71.20	57.7	-1,102.6	340.4	308.9	31.49	10.810		
6,300.0	6,227.1	6,286.0	6,161.0	20.3	25.7	-72.11	59.6	-1,125.5	360.5	328.8	31.74	11.357		
6,400.0	6,327.1	6,398.7	6,272.1	20.4	26.1	-72.79	61.0	-1,144.4	377.0	344.9	32.04	11.767		
6,500.0	6,427.1	6,512.8	6,385.2	20.5	26.4	-73.27	62.2	-1,159.2	389.6	357.3	32.36	12.042		
6,600.0	6,527.1	6,627.8	6,499.8	20.7	26.6	-73.59	63.0	-1,169.5	398.4	365.7	32.69	12.187		
6,700.0	6,627.1	6,743.6	6,615.4	20.8	26.8	-73.75	63.5	-1,175.2	403.3	370.2	33.04	12.205		
6,800.0	6,727.1	6,855.2	6,727.1	21.0	26.9	-73.79	63.6	-1,176.5	404.3	370.9	33.40	12.106		
6,900.0	6,827.1	6,955.2	6,827.1	21.1	27.0	-73.79	63.6	-1,176.5	404.3	370.6	33.76	11.977		
7,000.0	6,927.1	7,055.2	6,927.1	21.3	27.1	-73.79	63.6	-1,176.5	404.3	370.2	34.12	11.850		
7,100.0	7,027.1	7,155.2	7,027.1	21.4	27.2	-73.79	63.6	-1,176.5	404.3	369.9	34.49	11.725		
7,200.0	7,126.9	7,353.0	7,222.8	21.6	27.2	-75.57	63.5	-1,153.0	392.3	357.6	34.75	11.290		
7,300.0	7,225.0	7,536.5	7,392.4	21.7	26.8	-82.09	63.3	-1,084.2	351.4	317.2	34.22	10.270		
7,400.0	7,319.5	7,674.6	7,505.4	21.9	26.4	-95.80	63.0	-1,005.1	291.2	257.1	34.05	8.551		
7,500.0	7,408.5	7,773.4	7,575.7	22.0	26.2	-117.78	62.8	-935.9	223.6	187.8	35.74	6.256		
7,600.0	7,490.3	7,843.4	7,619.5	22.2	26.1	-141.72	62.6	-881.3	166.5	129.4	37.06	4.492		
7,673.1	7,544.7	7,881.4	7,640.9	22.3	26.1	-155.51	62.5	-850.0	149.9	113.8	36.08	4.155 SF		
7,700.0	7,563.4	7,893.2	7,647.2	22.4	26.1	-159.61	62.5	-840.0	152.4	117.0	35.38	4.306		
7,800.0	7,626.2	7,928.6	7,665.2	22.6	26.1	-171.37	62.4	-809.5	198.8	166.8	31.99	6.213		
7,900.0	7,677.5	7,953.5	7,676.9	23.0	26.1	179.86	62.3	-787.5	279.4	251.1	28.33	9.862		
8,000.0	7,716.4	7,970.4	7,684.4	23.4	26.2	170.29	62.2	-772.4	373.1	347.3	25.80	14.462		
8,100.0	7,742.1	7,980.7	7,688.8	24.0	26.2	145.55	62.2	-763.1	471.7	441.6	30.07	15.689		
8,200.0	7,754.1	7,985.2	7,690.7	24.7	26.2	39.62	62.2	-758.9	571.5	545.9	25.59	22.328		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey M-11-2HC - Wellbore #1 - Plan #1 (9-4-14)													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	41.96	56.1	50.4	75.5					
100.0	100.0	98.0	98.0	0.1	0.1	41.96	56.1	50.4	75.4	75.2	0.22	339.051		
200.0	200.0	198.0	198.0	0.3	0.3	41.96	56.1	50.4	75.4	74.8	0.67	112.640		
300.0	300.0	298.0	298.0	0.6	0.6	41.96	56.1	50.4	75.4	74.3	1.12	67.403		
400.0	400.0	398.0	398.0	0.8	0.8	41.96	56.1	50.4	75.4	73.9	1.57	48.090		
500.0	500.0	498.0	498.0	1.0	1.0	41.96	56.1	50.4	75.4	73.4	2.02	37.379		
600.0	600.0	598.0	598.0	1.2	1.2	41.96	56.1	50.4	75.4	73.0	2.47	30.571		
700.0	700.0	698.0	698.0	1.5	1.5	41.96	56.1	50.4	75.4	72.5	2.92	25.860		
800.0	800.0	798.0	798.0	1.7	1.7	41.96	56.1	50.4	75.4	72.1	3.37	22.408		
900.0	900.0	898.0	898.0	1.9	1.9	41.96	56.1	50.4	75.4	71.6	3.82	19.768		
1,000.0	1,000.0	998.0	998.0	2.1	2.1	41.96	56.1	50.4	75.4	71.2	4.27	17.685 CC, ES		
1,100.0	1,100.0	1,096.6	1,096.6	2.4	2.3	42.99	55.8	52.1	76.3	71.6	4.70	16.253		
1,200.0	1,200.0	1,194.9	1,194.8	2.6	2.5	46.01	55.0	57.0	79.3	74.1	5.12	15.483		
1,300.0	1,300.0	1,292.8	1,292.3	2.8	2.7	50.56	53.6	65.2	84.6	79.1	5.55	15.244 SF		
1,400.0	1,400.0	1,390.3	1,389.1	3.0	3.0	55.97	51.7	76.6	92.9	86.9	6.00	15.486		
1,500.0	1,500.0	1,489.2	1,487.1	3.2	3.2	154.90	49.6	89.5	104.4	98.0	6.43	16.244		
1,600.0	1,599.8	1,587.5	1,584.5	3.4	3.5	159.72	47.4	102.3	120.0	113.2	6.84	17.535		
1,700.0	1,699.5	1,685.1	1,681.3	3.7	3.8	163.79	45.3	115.0	139.6	132.3	7.25	19.247		
1,800.0	1,798.7	1,781.9	1,777.3	3.9	4.1	167.12	43.2	127.6	163.0	155.3	7.65	21.307		
1,900.0	1,897.5	1,877.8	1,872.3	4.2	4.3	169.78	41.1	140.1	190.1	182.1	8.04	23.651		
2,000.0	1,995.7	1,972.8	1,966.5	4.4	4.6	171.92	39.1	152.5	220.5	212.1	8.44	26.135		
2,100.0	2,093.8	2,067.6	2,060.5	4.8	4.9	173.60	37.0	164.8	251.6	242.7	8.86	28.387		
2,200.0	2,192.0	2,162.4	2,154.4	5.1	5.2	174.92	34.9	177.2	282.8	273.5	9.29	30.430		
2,300.0	2,290.1	2,257.2	2,248.4	5.4	5.5	175.97	32.9	189.5	314.1	304.4	9.73	32.285		
2,400.0	2,388.3	2,352.1	2,342.4	5.8	5.8	176.83	30.8	201.9	345.5	335.3	10.17	33.973		
2,500.0	2,486.4	2,446.9	2,436.4	6.2	6.1	177.55	28.7	214.2	377.0	366.4	10.62	35.512		
2,600.0	2,584.6	2,541.7	2,530.4	6.5	6.4	178.15	26.7	226.6	408.5	397.4	11.06	36.919		
2,700.0	2,682.7	2,636.5	2,624.4	6.9	6.7	178.68	24.6	238.9	440.0	428.5	11.52	38.208		
2,800.0	2,780.9	2,731.4	2,718.4	7.3	7.0	179.13	22.5	251.3	471.6	459.6	11.97	39.392		
2,900.0	2,879.0	2,826.2	2,812.4	7.7	7.3	179.52	20.5	263.6	503.2	490.8	12.43	40.483		
3,000.0	2,977.2	2,921.0	2,906.4	8.1	7.6	179.87	18.4	276.0	534.8	521.9	12.89	41.491		
3,100.0	3,075.3	3,015.8	3,000.4	8.5	7.9	-179.82	16.4	288.3	566.4	553.1	13.35	42.423		
3,200.0	3,173.5	3,110.7	3,094.4	8.9	8.2	-179.55	14.3	300.7	598.1	584.2	13.82	43.287		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey M-11-2HN - Wellbore #1 - Plan #1 (9-4-14)													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	32.39	56.1	35.6	66.4					
100.0	100.0	99.0	99.0	0.1	0.1	32.39	56.1	35.6	66.4	66.2	0.22	297.074		
200.0	200.0	199.0	199.0	0.3	0.3	32.39	56.1	35.6	66.4	65.8	0.67	98.860		
300.0	300.0	299.0	299.0	0.6	0.6	32.39	56.1	35.6	66.4	65.3	1.12	59.237		
400.0	400.0	399.0	399.0	0.8	0.8	32.39	56.1	35.6	66.4	64.9	1.57	42.288		
500.0	500.0	499.0	499.0	1.0	1.0	32.39	56.1	35.6	66.4	64.4	2.02	32.880		
600.0	600.0	599.0	599.0	1.2	1.2	32.39	56.1	35.6	66.4	64.0	2.47	26.896		
700.0	700.0	699.0	699.0	1.5	1.5	32.39	56.1	35.6	66.4	63.5	2.92	22.755		
800.0	800.0	799.0	799.0	1.7	1.7	32.39	56.1	35.6	66.4	63.1	3.37	19.719		
900.0	900.0	899.0	899.0	1.9	1.9	32.39	56.1	35.6	66.4	62.6	3.82	17.398		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	32.39	56.1	35.6	66.4	62.2	4.27	15.566		
1,100.0	1,100.0	1,099.0	1,099.0	2.4	2.4	32.39	56.1	35.6	66.4	61.7	4.72	14.082		
1,200.0	1,200.0	1,199.0	1,199.0	2.6	2.6	32.39	56.1	35.6	66.4	61.3	5.17	12.857		
1,300.0	1,300.0	1,299.0	1,299.0	2.8	2.8	32.39	56.1	35.6	66.4	60.8	5.62	11.828		
1,400.0	1,400.0	1,399.0	1,399.0	3.0	3.0	32.39	56.1	35.6	66.4	60.4	6.07	10.952 CC, ES		
1,500.0	1,500.0	1,499.0	1,499.0	3.2	3.3	127.16	56.1	35.6	67.5	61.0	6.50	10.380		
1,600.0	1,599.8	1,597.8	1,597.8	3.4	3.5	131.65	55.7	37.2	71.5	64.6	6.90	10.355 SF		
1,700.0	1,699.5	1,695.6	1,695.4	3.7	3.7	139.34	54.7	42.1	80.3	73.0	7.29	11.008		
1,800.0	1,798.7	1,791.6	1,791.1	3.9	3.9	147.96	53.0	50.1	95.4	87.7	7.68	12.420		
1,900.0	1,897.5	1,886.5	1,885.4	4.2	4.1	155.76	50.6	60.8	117.6	109.5	8.07	14.578		
2,000.0	1,995.7	1,981.9	1,980.0	4.4	4.3	161.70	48.2	72.1	144.7	136.2	8.46	17.109		
2,100.0	2,093.8	2,077.0	2,074.5	4.8	4.5	165.89	45.7	83.4	173.3	164.4	8.87	19.539		
2,200.0	2,192.0	2,172.2	2,169.0	5.1	4.8	168.89	43.3	94.7	202.4	193.1	9.28	21.807		
2,300.0	2,290.1	2,267.4	2,263.4	5.4	5.0	171.13	40.8	106.0	232.0	222.3	9.71	23.899		
2,400.0	2,388.3	2,362.6	2,357.9	5.8	5.3	172.87	38.4	117.3	261.8	251.7	10.13	25.833		
2,500.0	2,486.4	2,457.8	2,452.4	6.2	5.5	174.26	35.9	128.6	291.8	281.2	10.57	27.612		
2,600.0	2,584.6	2,553.0	2,546.9	6.5	5.8	175.39	33.5	139.9	321.9	310.9	11.01	29.249		
2,700.0	2,682.7	2,648.1	2,641.4	6.9	6.1	176.32	31.0	151.2	352.1	340.7	11.45	30.759		
2,800.0	2,780.9	2,743.3	2,735.8	7.3	6.4	177.11	28.6	162.5	382.4	370.5	11.89	32.152		
2,900.0	2,879.0	2,838.5	2,830.3	7.7	6.6	177.78	26.1	173.8	412.7	400.4	12.34	33.440		
3,000.0	2,977.2	2,933.7	2,924.8	8.1	6.9	178.36	23.7	185.0	443.1	430.3	12.79	34.633		
3,100.0	3,075.3	3,028.9	3,019.3	8.5	7.2	178.86	21.2	196.3	473.5	460.3	13.25	35.739		
3,200.0	3,173.5	3,124.1	3,113.8	8.9	7.5	179.31	18.8	207.6	504.0	490.3	13.71	36.768		
3,300.0	3,271.6	3,219.2	3,208.2	9.3	7.8	179.70	16.3	218.9	534.4	520.3	14.17	37.726		
3,400.0	3,369.8	3,314.4	3,302.7	9.7	8.0	-179.95	13.9	230.2	564.9	550.3	14.63	38.620		
3,500.0	3,467.9	3,409.6	3,397.2	10.1	8.3	-179.63	11.4	241.5	595.4	580.3	15.09	39.456		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey N-11-12HN - Wellbore #1 - Plan #1 (7-02-13)													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	-159.83	-56.5	-20.7	60.2					
100.0	100.0	99.0	99.0	0.1	0.1	-159.83	-56.5	-20.7	60.2	59.9	0.22	268.966		
200.0	200.0	199.0	199.0	0.3	0.3	-159.83	-56.5	-20.7	60.2	59.5	0.67	89.506		
300.0	300.0	299.0	299.0	0.6	0.6	-159.83	-56.5	-20.7	60.2	59.0	1.12	53.632		
400.0	400.0	399.0	399.0	0.8	0.8	-159.83	-56.5	-20.7	60.2	58.6	1.57	38.287		
500.0	500.0	499.0	499.0	1.0	1.0	-159.83	-56.5	-20.7	60.2	58.1	2.02	29.769		
600.0	600.0	599.0	599.0	1.2	1.2	-159.83	-56.5	-20.7	60.2	57.7	2.47	24.352 CC, ES		
700.0	700.0	697.9	697.9	1.5	1.4	-158.48	-56.8	-22.4	61.0	58.1	2.90	21.027		
800.0	800.0	796.6	796.4	1.7	1.6	-154.61	-57.7	-27.4	63.9	60.6	3.33	19.190		
900.0	900.0	894.8	894.3	1.9	1.9	-148.93	-59.2	-35.7	69.2	65.5	3.77	18.369		
1,000.0	1,000.0	992.3	991.1	2.1	2.1	-142.43	-61.3	-47.1	77.7	73.5	4.23	18.357		
1,100.0	1,100.0	1,088.9	1,086.6	2.4	2.4	-136.01	-63.9	-61.7	89.7	85.0	4.73	18.968		
1,200.0	1,200.0	1,184.4	1,180.4	2.6	2.7	-130.27	-67.1	-79.2	105.4	100.2	5.27	20.011		
1,300.0	1,300.0	1,278.6	1,272.3	2.8	3.1	-125.43	-70.8	-99.5	124.9	119.1	5.86	21.320		
1,400.0	1,400.0	1,374.7	1,365.5	3.0	3.5	-121.49	-74.9	-122.3	147.3	140.8	6.51	22.641		
1,500.0	1,500.0	1,472.1	1,460.0	3.2	4.0	-25.02	-79.1	-145.6	168.7	162.1	6.53	25.839		
1,600.0	1,599.8	1,570.3	1,555.2	3.4	4.4	-23.21	-83.4	-169.0	187.2	180.2	6.97	26.865		
1,700.0	1,699.5	1,669.0	1,651.0	3.7	4.9	-22.10	-87.7	-192.6	202.7	195.3	7.42	27.319		
1,800.0	1,798.7	1,768.2	1,747.3	3.9	5.4	-21.49	-92.0	-216.3	215.0	207.1	7.88	27.278		
1,900.0	1,897.5	1,867.8	1,843.9	4.2	5.9	-21.30	-96.3	-240.1	224.0	215.7	8.35	26.820		
2,000.0	1,995.7	1,967.6	1,940.7	4.4	6.4	-21.43	-100.7	-263.9	230.3	221.4	8.85	26.008		
2,100.0	2,093.8	2,067.4	2,037.5	4.8	6.9	-21.62	-105.0	-287.8	236.0	226.6	9.38	25.169		
2,200.0	2,192.0	2,167.3	2,134.4	5.1	7.4	-21.80	-109.3	-311.6	241.8	231.9	9.91	24.397		
2,300.0	2,290.1	2,267.1	2,231.2	5.4	7.9	-21.98	-113.6	-335.4	247.6	237.1	10.45	23.686		
2,400.0	2,388.3	2,366.9	2,328.1	5.8	8.5	-22.14	-118.0	-359.3	253.3	242.3	11.00	23.031		
2,500.0	2,486.4	2,466.7	2,424.9	6.2	9.0	-22.30	-122.3	-383.1	259.1	247.6	11.55	22.402		
2,600.0	2,584.6	2,566.6	2,521.7	6.5	9.5	-22.45	-126.6	-407.0	264.9	252.8	12.11	21.867		
2,700.0	2,682.7	2,666.4	2,618.6	6.9	10.0	-22.60	-131.0	-430.8	270.7	258.0	12.68	21.349		
2,800.0	2,780.9	2,766.2	2,715.4	7.3	10.5	-22.74	-135.3	-454.7	276.4	263.2	13.25	20.869		
2,900.0	2,879.0	2,866.1	2,812.3	7.7	11.0	-22.87	-139.6	-478.5	282.2	268.4	13.82	20.423		
3,000.0	2,977.2	2,965.9	2,909.1	8.1	11.6	-23.00	-144.0	-502.4	288.0	273.6	14.40	20.007		
3,100.0	3,075.3	3,065.7	3,006.0	8.5	12.1	-23.12	-148.3	-526.2	293.8	278.8	14.98	19.619		
3,200.0	3,173.5	3,165.6	3,102.8	8.9	12.6	-23.24	-152.6	-550.0	299.6	284.0	15.56	19.256		
3,300.0	3,271.6	3,265.4	3,199.7	9.3	13.1	-23.35	-157.0	-573.9	305.4	289.2	16.14	18.917		
3,400.0	3,369.8	3,365.2	3,296.5	9.7	13.7	-23.46	-161.3	-597.7	311.2	294.4	16.73	18.598		
3,500.0	3,467.9	3,465.1	3,393.3	10.1	14.2	-23.57	-165.6	-621.6	316.9	299.6	17.32	18.299		
3,600.0	3,566.1	3,564.9	3,490.2	10.6	14.7	-23.67	-170.0	-645.4	322.7	304.8	17.91	18.018		
3,700.0	3,664.2	3,664.7	3,587.0	11.0	15.2	-23.77	-174.3	-669.3	328.5	310.0	18.51	17.752		
3,800.0	3,762.4	3,764.5	3,683.9	11.4	15.8	-23.86	-178.6	-693.1	334.3	315.2	19.10	17.502		
3,900.0	3,860.5	3,864.4	3,780.7	11.8	16.3	-23.95	-183.0	-716.9	340.1	320.4	19.70	17.265		
4,000.0	3,958.7	3,964.2	3,877.6	12.2	16.8	-24.04	-187.3	-740.8	345.9	325.6	20.30	17.041		
4,100.0	4,056.8	4,064.0	3,974.4	12.6	17.3	-24.13	-191.6	-764.6	351.7	330.8	20.90	16.829		
4,200.0	4,155.0	4,163.9	4,071.3	13.1	17.9	-24.21	-196.0	-788.5	357.5	336.0	21.50	16.627		
4,300.0	4,253.1	4,263.7	4,168.1	13.5	18.4	-24.29	-200.3	-812.3	363.3	341.2	22.10	16.436		
4,400.0	4,351.2	4,363.5	4,264.9	13.9	18.9	-24.37	-204.6	-836.2	369.1	346.4	22.71	16.254		
4,500.0	4,449.4	4,463.4	4,361.8	14.3	19.4	-24.44	-209.0	-860.0	374.9	351.6	23.31	16.080		
4,600.0	4,547.5	4,563.2	4,458.6	14.8	20.0	-24.52	-213.3	-883.9	380.7	356.8	23.92	15.915		
4,700.0	4,645.7	4,663.0	4,555.5	15.2	20.5	-24.59	-217.6	-907.7	386.5	362.0	24.53	15.757		
4,800.0	4,743.8	4,762.9	4,652.3	15.6	21.0	-24.66	-222.0	-931.5	392.3	367.2	25.14	15.607		
4,900.0	4,842.0	4,862.7	4,749.2	16.0	21.5	-24.72	-226.3	-955.4	398.1	372.3	25.75	15.463		
5,000.0	4,940.1	4,962.5	4,846.0	16.5	22.1	-24.79	-230.6	-979.2	403.9	377.5	26.36	15.325		
5,100.0	5,038.3	5,062.3	4,942.9	16.9	22.6	-24.85	-235.0	-1,003.1	409.7	382.7	26.97	15.193		

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 Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey N-11-12HN - Wellbore #1 - Plan #1 (7-02-13)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,200.0	5,136.4	5,162.2	5,039.7	17.3	23.1	-24.91	-239.3	-1,026.9	415.5	387.9	27.58	15.066	
5,300.0	5,234.6	5,262.0	5,136.5	17.7	23.6	-24.97	-243.6	-1,050.8	421.3	393.1	28.19	14.945	
5,400.0	5,332.7	5,361.8	5,233.4	18.2	24.2	-25.03	-248.0	-1,074.6	427.1	398.3	28.80	14.828	
5,500.0	5,430.9	5,466.1	5,334.6	18.6	24.7	-25.10	-252.5	-1,099.3	432.8	403.3	29.42	14.708	
5,600.0	5,529.2	5,582.8	5,448.6	19.0	25.1	-25.26	-256.9	-1,123.7	436.6	406.6	30.02	14.543	
5,700.0	5,628.1	5,699.7	5,563.7	19.2	25.5	-25.41	-260.5	-1,143.6	439.7	409.2	30.52	14.404	
5,800.0	5,727.5	5,816.7	5,679.7	19.5	25.8	-25.52	-263.3	-1,158.8	442.1	411.1	30.95	14.281	
5,900.0	5,827.2	5,933.8	5,796.3	19.7	26.0	-25.59	-265.2	-1,169.3	443.7	412.4	31.32	14.169	
6,000.0	5,927.1	6,051.0	5,913.4	19.8	26.2	-25.63	-266.2	-1,175.2	444.6	413.0	31.61	14.067	
6,100.0	6,027.1	6,163.7	6,026.1	20.0	26.3	-119.22	-266.5	-1,176.4	444.8	412.9	31.91	13.939	
6,200.0	6,127.1	6,263.7	6,126.1	20.1	26.4	-119.22	-266.5	-1,176.4	444.8	412.6	32.25	13.794	
6,300.0	6,227.1	6,363.7	6,226.1	20.3	26.5	-119.22	-266.5	-1,176.4	444.8	412.3	32.59	13.651	
6,400.0	6,327.1	6,463.7	6,326.1	20.4	26.6	-119.22	-266.5	-1,176.4	444.8	411.9	32.93	13.510	
6,500.0	6,427.1	6,563.7	6,426.1	20.5	26.7	-119.22	-266.5	-1,176.4	444.8	411.6	33.27	13.371	
6,600.0	6,527.1	6,663.7	6,526.1	20.7	26.8	-119.22	-266.5	-1,176.4	444.8	411.2	33.61	13.234	
6,700.0	6,627.1	6,763.7	6,626.1	20.8	26.9	-119.22	-266.5	-1,176.4	444.8	410.9	33.96	13.098	
6,800.0	6,727.1	6,863.7	6,726.1	21.0	27.1	-119.22	-266.5	-1,176.4	444.8	410.5	34.31	12.965	
6,900.0	6,827.1	6,963.7	6,826.1	21.1	27.2	-119.22	-266.5	-1,176.4	444.8	410.2	34.66	12.833	
7,000.0	6,927.1	7,063.7	6,926.1	21.3	27.3	-119.22	-266.5	-1,176.4	444.8	409.8	35.02	12.703	
7,100.0	7,027.1	7,163.7	7,026.1	21.4	27.4	-119.22	-266.5	-1,176.4	444.8	409.5	35.37	12.575	
7,200.0	7,126.9	7,260.9	7,221.2	21.6	27.4	-122.67	-266.5	-1,153.2	438.0	401.9	36.10	12.132	
7,300.0	7,225.0	7,343.9	7,390.4	21.7	27.0	-133.16	-266.8	-1,084.7	417.3	379.4	37.90	11.011	
7,400.0	7,319.5	7,481.9	7,503.4	21.9	26.6	-146.32	-267.0	-1,005.9	396.3	356.8	39.46	10.043	
7,477.6	7,389.1	7,761.4	7,560.9	22.0	26.4	-155.41	-267.2	-951.1	389.6	350.1	39.55	9.853 SF	
7,500.0	7,408.5	7,780.7	7,574.0	22.0	26.4	-157.70	-267.3	-936.8	390.3	350.9	39.38	9.910	
7,600.0	7,490.3	7,850.7	7,617.8	22.2	26.3	-166.01	-267.4	-882.2	409.9	372.2	37.64	10.888	
7,700.0	7,563.4	7,900.5	7,645.7	22.4	26.3	-171.89	-267.6	-841.0	456.7	421.9	34.82	13.118	
7,800.0	7,626.2	7,936.0	7,663.7	22.6	26.3	-176.29	-267.7	-810.4	525.6	494.2	31.41	16.735	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey O-11-12HN - Wellbore #1 - Plan #1 (8-21-14)													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	-159.96	-70.7	-25.8	75.2					
100.0	100.0	99.0	99.0	0.1	0.1	-159.96	-70.7	-25.8	75.2	75.0	0.22	336.374		
200.0	200.0	199.0	199.0	0.3	0.3	-159.96	-70.7	-25.8	75.2	74.6	0.67	111.938		
300.0	300.0	299.0	299.0	0.6	0.6	-159.96	-70.7	-25.8	75.2	74.1	1.12	67.073		
400.0	400.0	399.0	399.0	0.8	0.8	-159.96	-70.7	-25.8	75.2	73.7	1.57	47.882 CC, ES		
500.0	500.0	497.2	497.2	1.0	1.0	-159.08	-71.4	-27.3	76.4	74.4	2.00	38.224		
600.0	600.0	595.1	594.9	1.2	1.2	-156.57	-73.4	-31.8	80.1	77.7	2.42	33.051		
700.0	700.0	692.6	692.1	1.5	1.4	-152.89	-76.9	-39.4	86.6	83.8	2.87	30.196		
800.0	800.0	789.4	788.2	1.7	1.7	-148.61	-81.7	-49.8	96.3	92.9	3.34	28.798		
900.0	900.0	885.3	883.0	1.9	2.0	-144.28	-87.7	-63.1	109.2	105.4	3.85	28.344		
1,000.0	1,000.0	980.1	976.1	2.1	2.3	-140.25	-95.0	-79.0	125.7	121.3	4.41	28.499		
1,100.0	1,100.0	1,077.4	1,071.3	2.4	2.7	-136.74	-103.3	-97.2	144.5	139.5	5.02	28.813		
1,200.0	1,200.0	1,175.2	1,167.1	2.6	3.1	-134.03	-111.7	-115.6	163.9	158.2	5.65	29.015		
1,300.0	1,300.0	1,273.1	1,262.8	2.8	3.5	-131.88	-120.1	-133.9	183.5	177.2	6.29	29.159		
1,400.0	1,400.0	1,370.9	1,358.6	3.0	3.9	-130.16	-128.5	-152.3	203.3	196.4	6.95	29.269		
1,500.0	1,500.0	1,469.1	1,454.6	3.2	4.4	-35.20	-136.9	-170.7	221.9	215.3	6.58	33.738		
1,600.0	1,599.8	1,567.8	1,551.2	3.4	4.8	-34.52	-145.4	-189.2	237.6	230.6	7.03	33.822		
1,700.0	1,699.5	1,666.9	1,648.2	3.7	5.3	-34.38	-153.9	-207.8	250.6	243.1	7.49	33.458		
1,800.0	1,798.7	1,766.4	1,745.6	3.9	5.7	-34.72	-162.4	-226.4	260.7	252.7	7.97	32.714		
1,900.0	1,897.5	1,866.1	1,843.1	4.2	6.2	-35.48	-170.9	-245.1	268.0	259.5	8.47	31.642		
2,000.0	1,995.7	1,965.8	1,940.7	4.4	6.6	-36.64	-179.5	-263.8	272.9	263.8	9.01	30.298		
2,100.0	2,093.8	2,065.5	2,038.2	4.8	7.1	-37.84	-188.0	-282.5	277.4	267.9	9.57	28.983		
2,200.0	2,192.0	2,165.2	2,135.8	5.1	7.5	-39.00	-196.6	-301.2	282.2	272.0	10.16	27.772		
2,300.0	2,290.1	2,265.0	2,233.4	5.4	8.0	-40.13	-205.1	-319.9	287.0	276.2	10.77	26.657		
2,400.0	2,388.3	2,364.7	2,331.0	5.8	8.4	-41.22	-213.7	-338.6	291.9	280.5	11.39	25.630		
2,500.0	2,486.4	2,464.4	2,428.6	6.2	8.9	-42.27	-222.2	-357.3	296.9	284.9	12.03	24.684		
2,600.0	2,584.6	2,564.2	2,526.2	6.5	9.3	-43.28	-230.8	-376.0	302.1	289.4	12.69	23.812		
2,700.0	2,682.7	2,663.9	2,623.8	6.9	9.8	-44.27	-239.3	-394.7	307.3	293.9	13.36	23.007		
2,800.0	2,780.9	2,763.6	2,721.3	7.3	10.3	-45.21	-247.8	-413.4	312.6	298.6	14.04	22.263		
2,900.0	2,879.0	2,863.3	2,818.9	7.7	10.7	-46.13	-256.4	-432.1	318.0	303.3	14.74	21.576		
3,000.0	2,977.2	2,963.1	2,916.5	8.1	11.2	-47.02	-264.9	-450.8	323.5	308.0	15.45	20.939		
3,100.0	3,075.3	3,062.8	3,014.1	8.5	11.6	-47.87	-273.5	-469.5	329.0	312.9	16.17	20.349		
3,200.0	3,173.5	3,162.5	3,111.7	8.9	12.1	-48.70	-282.0	-488.2	334.6	317.7	16.90	19.801		
3,300.0	3,271.6	3,262.2	3,209.3	9.3	12.5	-49.50	-290.6	-506.9	340.3	322.7	17.64	19.292		
3,400.0	3,369.8	3,362.0	3,306.8	9.7	13.0	-50.28	-299.1	-525.6	346.1	327.7	18.39	18.818		
3,500.0	3,467.9	3,461.7	3,404.4	10.1	13.5	-51.03	-307.7	-544.3	351.9	332.7	19.15	18.376		
3,600.0	3,566.1	3,561.4	3,502.0	10.6	13.9	-51.75	-316.2	-563.0	357.8	337.8	19.91	17.964		
3,700.0	3,664.2	3,661.1	3,599.6	11.0	14.4	-52.45	-324.8	-581.7	363.7	343.0	20.69	17.579		
3,800.0	3,762.4	3,760.9	3,697.2	11.4	14.8	-53.13	-333.3	-600.4	369.7	348.2	21.47	17.219		
3,900.0	3,860.5	3,860.6	3,794.8	11.8	15.3	-53.79	-341.9	-619.1	375.7	353.4	22.25	16.882		
4,000.0	3,958.7	3,960.3	3,892.3	12.2	15.8	-54.42	-350.4	-637.8	381.8	358.7	23.05	16.565		
4,100.0	4,056.8	4,060.1	3,989.9	12.6	16.2	-55.04	-359.0	-656.5	387.9	364.0	23.84	16.268		
4,200.0	4,155.0	4,159.8	4,087.5	13.1	16.7	-55.64	-367.5	-675.2	394.0	369.4	24.65	15.988		
4,300.0	4,253.1	4,259.5	4,185.1	13.5	17.1	-56.22	-376.1	-693.9	400.2	374.8	25.45	15.725		
4,400.0	4,351.2	4,359.2	4,282.7	13.9	17.6	-56.78	-384.6	-712.6	406.5	380.2	26.26	15.477		
4,500.0	4,449.4	4,459.0	4,380.3	14.3	18.1	-57.32	-393.2	-731.4	412.8	385.7	27.08	15.243		
4,600.0	4,547.5	4,558.7	4,477.9	14.8	18.5	-57.85	-401.7	-750.1	419.1	391.2	27.90	15.022		
4,700.0	4,645.7	4,658.4	4,575.4	15.2	19.0	-58.36	-410.3	-768.8	425.4	396.7	28.72	14.812		
4,800.0	4,743.8	4,758.1	4,673.0	15.6	19.4	-58.86	-418.8	-787.5	431.8	402.3	29.55	14.614		
4,900.0	4,842.0	4,857.9	4,770.6	16.0	19.9	-59.34	-427.3	-806.2	438.2	407.9	30.38	14.427		
5,000.0	4,940.1	4,957.6	4,868.2	16.5	20.4	-59.81	-435.9	-824.9	444.7	413.5	31.21	14.249		
5,100.0	5,038.3	5,057.3	4,965.8	16.9	20.8	-60.26	-444.4	-843.6	451.2	419.1	32.04	14.080		

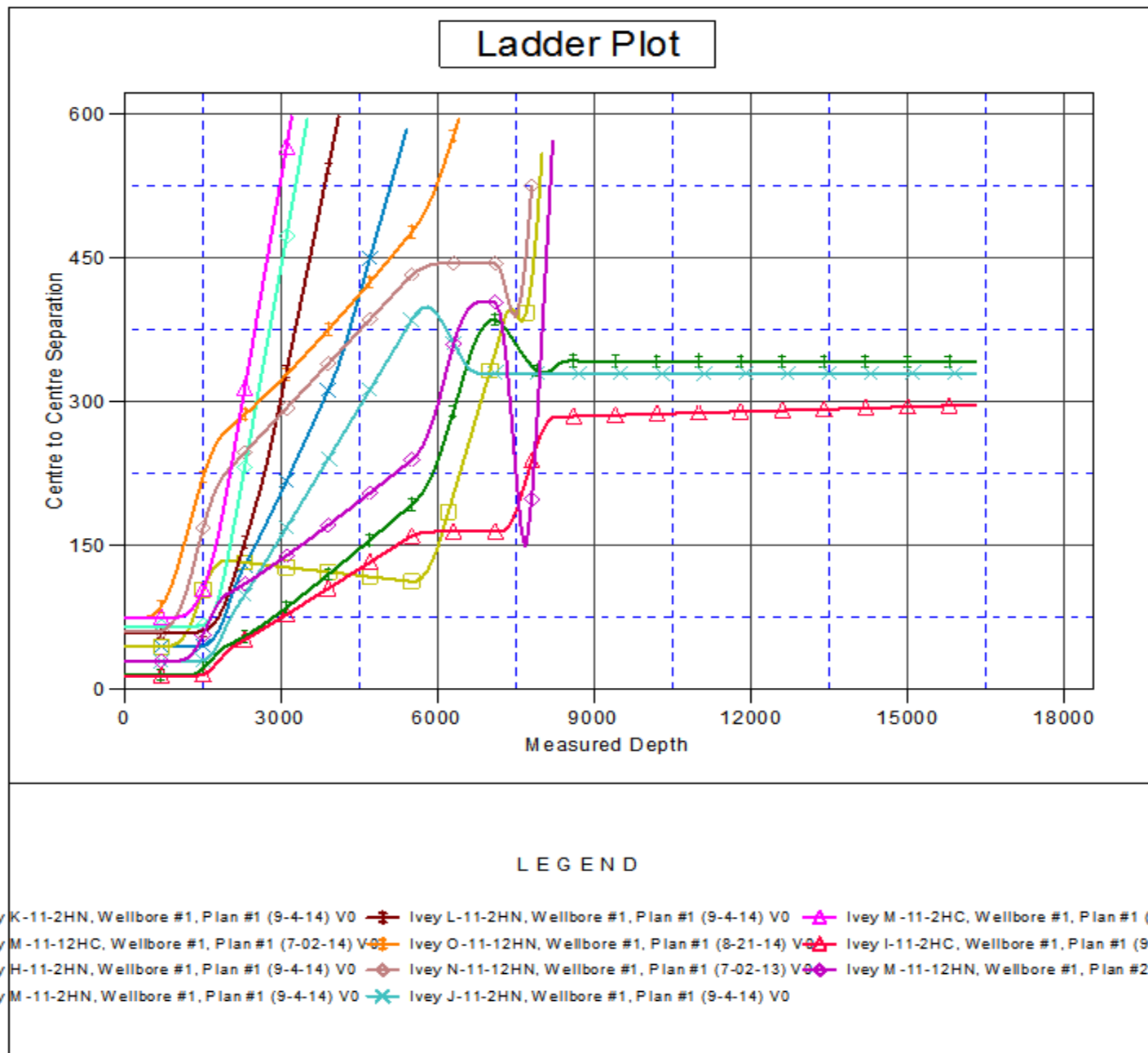
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey O-11-12HN - Wellbore #1 - Plan #1 (8-21-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,200.0	5,136.4	5,157.1	5,063.4	17.3	21.3	-60.70	-453.0	-862.3	457.7	424.8	32.88	13.919	
5,300.0	5,234.6	5,256.8	5,160.9	17.7	21.7	-61.13	-461.5	-881.0	464.2	430.5	33.72	13.766	
5,400.0	5,332.7	5,356.5	5,258.5	18.2	22.2	-61.55	-470.1	-899.7	470.7	436.2	34.56	13.620	
5,500.0	5,430.9	5,456.2	5,356.1	18.6	22.7	-61.96	-478.6	-918.4	477.3	441.9	35.40	13.482	
5,600.0	5,529.2	5,555.9	5,453.7	19.0	23.1	-62.34	-487.2	-937.1	484.4	448.2	36.19	13.386 SF	
5,700.0	5,628.1	5,655.6	5,551.2	19.2	23.6	-62.41	-495.7	-955.7	493.1	456.3	36.81	13.396	
5,800.0	5,727.5	5,755.0	5,648.4	19.5	24.0	-62.17	-504.2	-974.4	503.4	466.1	37.32	13.490	
5,900.0	5,827.2	5,854.0	5,745.3	19.7	24.5	-61.62	-512.7	-993.0	515.4	477.7	37.71	13.667	
6,000.0	5,927.1	5,952.6	5,841.8	19.8	24.9	-60.82	-521.2	-1,011.4	529.2	491.2	38.00	13.927	
6,100.0	6,027.1	6,050.6	5,937.7	20.0	25.4	-153.29	-529.6	-1,029.8	544.8	506.6	38.23	14.253	
6,200.0	6,127.1	6,148.5	6,033.5	20.1	25.8	-151.99	-538.0	-1,048.2	561.2	522.8	38.37	14.625	
6,300.0	6,227.1	6,246.3	6,129.2	20.3	26.3	-150.75	-546.3	-1,066.5	577.8	539.3	38.53	14.997	
6,400.0	6,327.1	6,344.2	6,225.0	20.4	26.8	-149.59	-554.7	-1,084.9	594.7	556.0	38.70	15.368	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 5130.5ft (Original Well Elev) Coordinates are relative to: Ivey I-11-2HN
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
 Central Meridian is -105.500000 ° Grid Convergence at Surface is: 0.35°



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey I-11-2HN
Project:	SEC.11-T1S-R68W	TVD Reference:	WELL @ 5130.5ft (Original Well Elev)
Reference Site:	Ivey Pad Sec.11-T1S-R68W	MD Reference:	WELL @ 5130.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Ivey I-11-2HN	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 (9-4-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 5130.5ft (Original Well Elev) Coordinates are relative to: Ivey I-11-2HN
Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000 ° Grid Convergence at Surface is: 0.35°

