

Bayswater Exploration & Production, LLC

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

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

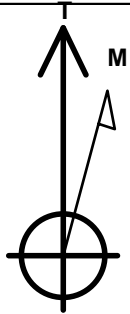
North American Datum 1983, US State Plane 1983, Colorado Northern Zone

Ground Elevation: 5108.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1234212.48	3149779.70	39.975058	-104.965558	
Original Well Elev WELL @ 5130.5ft (Original Well Elev)						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1105'FSL, 1720'FEL, SEC.11	1.0	0.0	0.0	Point
BHL 465'FNL, 2830'FEL, SEC.2	7830.0	8739.2	-1083.4	Point
LANDING PT. 1985'FSL, 2830'FEL, SEC.11	7846.0	881.7	-1110.4	Point



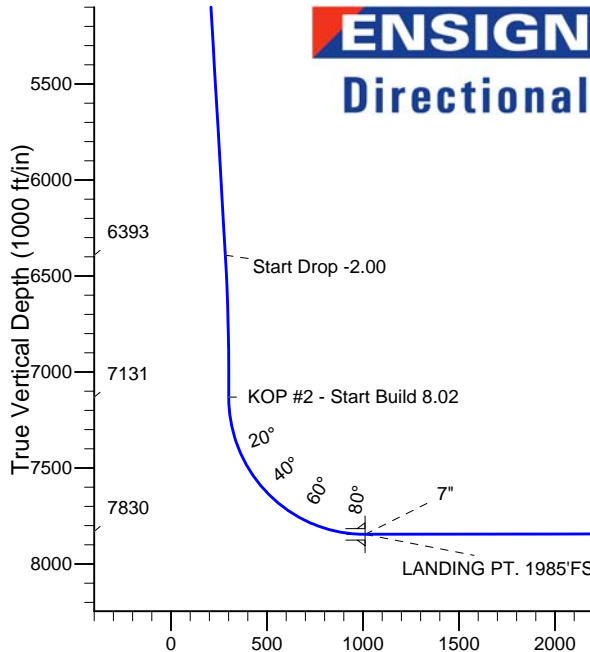
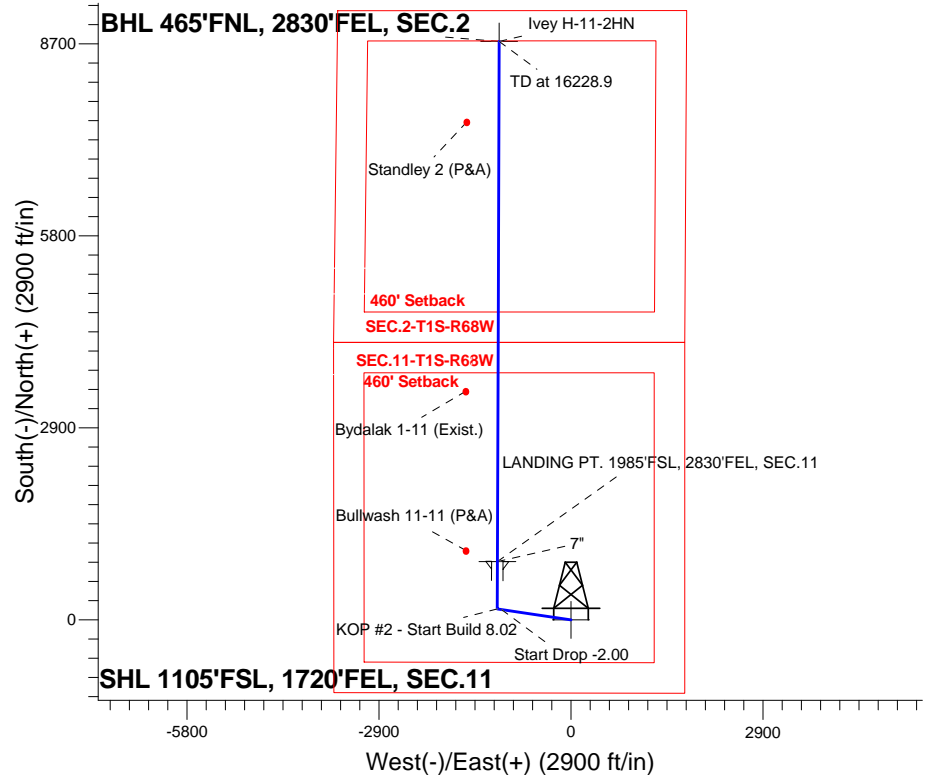
Azimuths to True North
Magnetic North: 8.52°

Magnetic Field
Strength: 52560.8nT
Dip Angle: 66.57°
Date: 7/10/2014
Model: IGRF2010

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

ANNOTATIONS

TVD	MD	Annotation
1200.0	1200.0	KOP - Start Build 2.00
6392.6	6503.9	Start Drop -2.00
7131.4	7247.3	KOP #2 - Start Build 8.02
7830.0	16228.9	TD at 16228.9



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1812.0	12.24	278.47	1807.3	9.6	-64.4	2.00	278.47	17.4	
4	6503.9	12.24	278.47	6392.7	156.0	-1048.3	0.00	0.00	283.8	
5	7115.9	0.00	0.00	7000.0	165.6	-1112.7	2.00	180.00	301.2	
6	7247.3	0.00	0.00	7131.4	165.6	-1112.7	0.00	0.00	301.2	
7	8371.2	90.11	0.19	7846.0	881.6	-1110.4	8.02	0.19	1011.5	
8	8371.3	90.11	0.19	7846.0	881.7	-1110.4	0.00	0.00	1011.6	LANDING PT. 1985'FSL, 2830'FEL, SEC.11
9	8372.6	90.12	0.20	7846.0	883.0	-1110.4	1.00	59.20	1012.9	
10	16228.9	90.12	0.20	7830.0	8739.2	-1083.4	0.00	0.00	8806.1	BHL 465'FNL, 2830'FEL, SEC.2

BHL 465'FNL, 2830'FEL, SEC.2

TD at 16228.9

Vertical Section at 352.93° (1000 ft/in)



Bayswater Exploration & Production, LLC

SEC.11-T1S-R68W

Ivey Pad Sec.11-T1S-R68W

Ivey H-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 H-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 H-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 H-11-2HN					
Well Position	+N-S	-70.7 ft	Northing:	1,234,212.48 ft	Latitude:	39.975058
	+E-W	-25.8 ft	Easting:	3,149,779.70 ft	Longitude:	-104.965558
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	352.93

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,812.0	12.24	278.47	1,807.3	9.6	-64.4	2.00	2.00	0.00	278.47	
6,503.9	12.24	278.47	6,392.7	156.0	-1,048.3	0.00	0.00	0.00	0.00	
7,115.9	0.00	0.00	7,000.0	165.6	-1,112.7	2.00	-2.00	0.00	180.00	
7,247.3	0.00	0.00	7,131.4	165.6	-1,112.7	0.00	0.00	0.00	0.00	
8,371.2	90.11	0.19	7,846.0	881.6	-1,110.4	8.02	8.02	0.00	0.19	
8,371.3	90.11	0.19	7,846.0	881.7	-1,110.4	0.00	0.00	0.00	0.00	LANDING PT. 1985
8,372.6	90.12	0.20	7,846.0	883.0	-1,110.4	1.00	0.51	0.86	59.20	
16,228.9	90.12	0.20	7,830.0	8,739.2	-1,083.4	0.00	0.00	0.00	0.00	BHL 465'FNL, 2830

Database:	landmark	Local Co-ordinate Reference:	Well Ivey H-11-2HN
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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 H-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
KOP - Start Build 2.00									
1,300.0	2.00	278.47	1,300.0	0.3	-1.7	0.5	2.00	2.00	0.00
1,400.0	4.00	278.47	1,399.8	1.0	-6.9	1.9	2.00	2.00	0.00
1,500.0	6.00	278.47	1,499.5	2.3	-15.5	4.2	2.00	2.00	0.00
1,600.0	8.00	278.47	1,598.7	4.1	-27.6	7.5	2.00	2.00	0.00
1,700.0	10.00	278.47	1,697.5	6.4	-43.0	11.7	2.00	2.00	0.00
1,800.0	12.00	278.47	1,795.6	9.2	-61.9	16.8	2.00	2.00	0.00
1,812.0	12.24	278.47	1,807.3	9.6	-64.4	17.4	2.00	2.00	0.00
1,900.0	12.24	278.47	1,893.4	12.3	-82.9	22.4	0.00	0.00	0.00
2,000.0	12.24	278.47	1,991.1	15.5	-103.8	28.1	0.00	0.00	0.00
2,100.0	12.24	278.47	2,088.8	18.6	-124.8	33.8	0.00	0.00	0.00
2,200.0	12.24	278.47	2,186.5	21.7	-145.8	39.5	0.00	0.00	0.00
2,300.0	12.24	278.47	2,284.3	24.8	-166.7	45.1	0.00	0.00	0.00
2,400.0	12.24	278.47	2,382.0	27.9	-187.7	50.8	0.00	0.00	0.00
2,500.0	12.24	278.47	2,479.7	31.1	-208.7	56.5	0.00	0.00	0.00
2,600.0	12.24	278.47	2,577.4	34.2	-229.7	62.2	0.00	0.00	0.00
2,700.0	12.24	278.47	2,675.2	37.3	-250.6	67.8	0.00	0.00	0.00
2,800.0	12.24	278.47	2,772.9	40.4	-271.6	73.5	0.00	0.00	0.00
2,900.0	12.24	278.47	2,870.6	43.5	-292.6	79.2	0.00	0.00	0.00
3,000.0	12.24	278.47	2,968.4	46.7	-313.5	84.9	0.00	0.00	0.00
3,100.0	12.24	278.47	3,066.1	49.8	-334.5	90.6	0.00	0.00	0.00
3,200.0	12.24	278.47	3,163.8	52.9	-355.5	96.2	0.00	0.00	0.00
3,300.0	12.24	278.47	3,261.5	56.0	-376.4	101.9	0.00	0.00	0.00
3,400.0	12.24	278.47	3,359.3	59.1	-397.4	107.6	0.00	0.00	0.00
3,500.0	12.24	278.47	3,457.0	62.3	-418.4	113.3	0.00	0.00	0.00
3,600.0	12.24	278.47	3,554.7	65.4	-439.3	118.9	0.00	0.00	0.00
3,700.0	12.24	278.47	3,652.4	68.5	-460.3	124.6	0.00	0.00	0.00
3,800.0	12.24	278.47	3,750.2	71.6	-481.3	130.3	0.00	0.00	0.00
3,900.0	12.24	278.47	3,847.9	74.7	-502.3	136.0	0.00	0.00	0.00
4,000.0	12.24	278.47	3,945.6	77.9	-523.2	141.6	0.00	0.00	0.00
4,100.0	12.24	278.47	4,043.3	81.0	-544.2	147.3	0.00	0.00	0.00
4,200.0	12.24	278.47	4,141.1	84.1	-565.2	153.0	0.00	0.00	0.00
4,300.0	12.24	278.47	4,238.8	87.2	-586.1	158.7	0.00	0.00	0.00
4,400.0	12.24	278.47	4,336.5	90.4	-607.1	164.4	0.00	0.00	0.00
4,500.0	12.24	278.47	4,434.3	93.5	-628.1	170.0	0.00	0.00	0.00
4,600.0	12.24	278.47	4,532.0	96.6	-649.0	175.7	0.00	0.00	0.00
4,700.0	12.24	278.47	4,629.7	99.7	-670.0	181.4	0.00	0.00	0.00
4,800.0	12.24	278.47	4,727.4	102.8	-691.0	187.1	0.00	0.00	0.00
4,900.0	12.24	278.47	4,825.2	106.0	-711.9	192.7	0.00	0.00	0.00
5,000.0	12.24	278.47	4,922.9	109.1	-732.9	198.4	0.00	0.00	0.00
5,100.0	12.24	278.47	5,020.6	112.2	-753.9	204.1	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 H-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	12.24	278.47	5,118.3	115.3	-774.9	209.8	0.00	0.00	0.00
5,300.0	12.24	278.47	5,216.1	118.4	-795.8	215.5	0.00	0.00	0.00
5,400.0	12.24	278.47	5,313.8	121.6	-816.8	221.1	0.00	0.00	0.00
5,500.0	12.24	278.47	5,411.5	124.7	-837.8	226.8	0.00	0.00	0.00
5,600.0	12.24	278.47	5,509.2	127.8	-858.7	232.5	0.00	0.00	0.00
5,700.0	12.24	278.47	5,607.0	130.9	-879.7	238.2	0.00	0.00	0.00
5,800.0	12.24	278.47	5,704.7	134.0	-900.7	243.8	0.00	0.00	0.00
5,900.0	12.24	278.47	5,802.4	137.2	-921.6	249.5	0.00	0.00	0.00
6,000.0	12.24	278.47	5,900.2	140.3	-942.6	255.2	0.00	0.00	0.00
6,100.0	12.24	278.47	5,997.9	143.4	-963.6	260.9	0.00	0.00	0.00
6,200.0	12.24	278.47	6,095.6	146.5	-984.6	266.5	0.00	0.00	0.00
6,300.0	12.24	278.47	6,193.3	149.6	-1,005.5	272.2	0.00	0.00	0.00
6,400.0	12.24	278.47	6,291.1	152.8	-1,026.5	277.9	0.00	0.00	0.00
6,500.0	12.24	278.47	6,388.8	155.9	-1,047.5	283.6	0.00	0.00	0.00
6,503.9	12.24	278.47	6,392.6	156.0	-1,048.3	283.8	0.00	0.00	0.00
Start Drop -2.00									
6,600.0	10.32	278.47	6,486.8	158.8	-1,066.9	288.8	2.00	-2.00	0.00
6,700.0	8.32	278.47	6,585.5	161.2	-1,082.9	293.2	2.00	-2.00	0.00
6,800.0	6.32	278.47	6,684.7	163.0	-1,095.5	296.6	2.00	-2.00	0.00
6,900.0	4.32	278.47	6,784.3	164.4	-1,104.7	299.1	2.00	-2.00	0.00
7,000.0	2.32	278.47	6,884.1	165.3	-1,110.4	300.6	2.00	-2.00	0.00
7,100.0	0.32	278.47	6,984.1	165.6	-1,112.7	301.2	2.00	-2.00	0.00
7,115.9	0.00	0.00	7,000.0	165.6	-1,112.7	301.2	2.00	-2.00	0.00
7,200.0	0.00	0.00	7,084.1	165.6	-1,112.7	301.2	0.00	0.00	0.00
7,247.3	0.00	0.00	7,131.4	165.6	-1,112.7	301.2	0.00	0.00	0.00
KOP #2 - Start Build 8.02									
7,300.0	4.22	0.19	7,184.0	167.5	-1,112.7	303.2	8.02	8.02	0.00
7,400.0	12.24	0.19	7,282.9	181.8	-1,112.6	317.4	8.02	8.02	0.00
7,500.0	20.26	0.19	7,378.8	209.8	-1,112.6	345.1	8.02	8.02	0.00
7,600.0	28.28	0.19	7,469.9	250.9	-1,112.4	385.8	8.02	8.02	0.00
7,700.0	36.29	0.19	7,554.4	304.2	-1,112.3	438.8	8.02	8.02	0.00
7,800.0	44.31	0.19	7,630.6	368.9	-1,112.0	502.9	8.02	8.02	0.00
7,900.0	52.33	0.19	7,697.0	443.5	-1,111.8	576.9	8.02	8.02	0.00
8,000.0	60.35	0.19	7,752.4	526.7	-1,111.5	659.4	8.02	8.02	0.00
8,100.0	68.36	0.19	7,795.7	616.7	-1,111.2	748.8	8.02	8.02	0.00
8,200.0	76.38	0.19	7,825.9	712.0	-1,110.9	843.2	8.02	8.02	0.00
8,300.0	84.40	0.19	7,842.6	810.5	-1,110.6	941.0	8.02	8.02	0.00
8,371.2	90.11	0.19	7,846.0	881.6	-1,110.4	1,011.5	8.02	8.02	0.00
8,371.3	90.11	0.19	7,846.0	881.7	-1,110.4	1,011.6	0.00	0.00	0.00
7"									
8,372.6	90.12	0.20	7,846.0	883.0	-1,110.4	1,012.9	0.98	0.50	0.84
8,400.0	90.12	0.20	7,845.9	910.4	-1,110.3	1,040.1	0.00	0.00	0.00
8,500.0	90.12	0.20	7,845.7	1,010.4	-1,109.9	1,139.3	0.00	0.00	0.00
8,600.0	90.12	0.20	7,845.5	1,110.4	-1,109.6	1,238.4	0.00	0.00	0.00
8,700.0	90.12	0.20	7,845.3	1,210.4	-1,109.3	1,337.6	0.00	0.00	0.00
8,800.0	90.12	0.20	7,845.1	1,310.4	-1,108.9	1,436.8	0.00	0.00	0.00
8,900.0	90.12	0.20	7,844.9	1,410.4	-1,108.6	1,536.0	0.00	0.00	0.00
9,000.0	90.12	0.20	7,844.7	1,510.4	-1,108.2	1,635.2	0.00	0.00	0.00
9,100.0	90.12	0.20	7,844.5	1,610.4	-1,107.9	1,734.4	0.00	0.00	0.00
9,200.0	90.12	0.20	7,844.3	1,710.4	-1,107.5	1,833.6	0.00	0.00	0.00
9,300.0	90.12	0.20	7,844.1	1,810.4	-1,107.2	1,932.8	0.00	0.00	0.00
9,400.0	90.12	0.20	7,843.9	1,910.4	-1,106.8	2,032.0	0.00	0.00	0.00
9,500.0	90.12	0.20	7,843.7	2,010.4	-1,106.5	2,131.2	0.00	0.00	0.00

Database:	landmark	Local Co-ordinate Reference:	Well Ivey H-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 H-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)
9,600.0	90.12	0.20	7,843.5	2,110.4	-1,106.2	2,230.4	0.00	0.00	0.00
9,700.0	90.12	0.20	7,843.3	2,210.4	-1,105.8	2,329.6	0.00	0.00	0.00
9,800.0	90.12	0.20	7,843.1	2,310.4	-1,105.5	2,428.8	0.00	0.00	0.00
9,900.0	90.12	0.20	7,842.9	2,410.4	-1,105.1	2,528.0	0.00	0.00	0.00
10,000.0	90.12	0.20	7,842.7	2,510.4	-1,104.8	2,627.2	0.00	0.00	0.00
10,100.0	90.12	0.20	7,842.5	2,610.4	-1,104.4	2,726.4	0.00	0.00	0.00
10,200.0	90.12	0.20	7,842.3	2,710.4	-1,104.1	2,825.6	0.00	0.00	0.00
10,300.0	90.12	0.20	7,842.1	2,810.4	-1,103.8	2,924.8	0.00	0.00	0.00
10,400.0	90.12	0.20	7,841.9	2,910.4	-1,103.4	3,024.0	0.00	0.00	0.00
10,500.0	90.12	0.20	7,841.7	3,010.4	-1,103.1	3,123.2	0.00	0.00	0.00
10,600.0	90.12	0.20	7,841.5	3,110.4	-1,102.7	3,222.4	0.00	0.00	0.00
10,700.0	90.12	0.20	7,841.3	3,210.4	-1,102.4	3,321.6	0.00	0.00	0.00
10,800.0	90.12	0.20	7,841.1	3,310.4	-1,102.0	3,420.8	0.00	0.00	0.00
10,900.0	90.12	0.20	7,840.9	3,410.4	-1,101.7	3,520.0	0.00	0.00	0.00
11,000.0	90.12	0.20	7,840.6	3,510.4	-1,101.4	3,619.2	0.00	0.00	0.00
11,100.0	90.12	0.20	7,840.4	3,610.4	-1,101.0	3,718.4	0.00	0.00	0.00
11,200.0	90.12	0.20	7,840.2	3,710.4	-1,100.7	3,817.6	0.00	0.00	0.00
11,300.0	90.12	0.20	7,840.0	3,810.4	-1,100.3	3,916.8	0.00	0.00	0.00
11,400.0	90.12	0.20	7,839.8	3,910.4	-1,100.0	4,016.0	0.00	0.00	0.00
11,500.0	90.12	0.20	7,839.6	4,010.3	-1,099.6	4,115.2	0.00	0.00	0.00
11,600.0	90.12	0.20	7,839.4	4,110.3	-1,099.3	4,214.4	0.00	0.00	0.00
11,700.0	90.12	0.20	7,839.2	4,210.3	-1,099.0	4,313.6	0.00	0.00	0.00
11,800.0	90.12	0.20	7,839.0	4,310.3	-1,098.6	4,412.8	0.00	0.00	0.00
11,900.0	90.12	0.20	7,838.8	4,410.3	-1,098.3	4,512.0	0.00	0.00	0.00
12,000.0	90.12	0.20	7,838.6	4,510.3	-1,097.9	4,611.2	0.00	0.00	0.00
12,100.0	90.12	0.20	7,838.4	4,610.3	-1,097.6	4,710.4	0.00	0.00	0.00
12,200.0	90.12	0.20	7,838.2	4,710.3	-1,097.2	4,809.6	0.00	0.00	0.00
12,300.0	90.12	0.20	7,838.0	4,810.3	-1,096.9	4,908.7	0.00	0.00	0.00
12,400.0	90.12	0.20	7,837.8	4,910.3	-1,096.6	5,007.9	0.00	0.00	0.00
12,500.0	90.12	0.20	7,837.6	5,010.3	-1,096.2	5,107.1	0.00	0.00	0.00
12,600.0	90.12	0.20	7,837.4	5,110.3	-1,095.9	5,206.3	0.00	0.00	0.00
12,700.0	90.12	0.20	7,837.2	5,210.3	-1,095.5	5,305.5	0.00	0.00	0.00
12,800.0	90.12	0.20	7,837.0	5,310.3	-1,095.2	5,404.7	0.00	0.00	0.00
12,900.0	90.12	0.20	7,836.8	5,410.3	-1,094.8	5,503.9	0.00	0.00	0.00
13,000.0	90.12	0.20	7,836.6	5,510.3	-1,094.5	5,603.1	0.00	0.00	0.00
13,100.0	90.12	0.20	7,836.4	5,610.3	-1,094.1	5,702.3	0.00	0.00	0.00
13,200.0	90.12	0.20	7,836.2	5,710.3	-1,093.8	5,801.5	0.00	0.00	0.00
13,300.0	90.12	0.20	7,836.0	5,810.3	-1,093.5	5,900.7	0.00	0.00	0.00
13,400.0	90.12	0.20	7,835.8	5,910.3	-1,093.1	5,999.9	0.00	0.00	0.00
13,500.0	90.12	0.20	7,835.6	6,010.3	-1,092.8	6,099.1	0.00	0.00	0.00
13,600.0	90.12	0.20	7,835.4	6,110.3	-1,092.4	6,198.3	0.00	0.00	0.00
13,700.0	90.12	0.20	7,835.1	6,210.3	-1,092.1	6,297.5	0.00	0.00	0.00
13,800.0	90.12	0.20	7,834.9	6,310.3	-1,091.7	6,396.7	0.00	0.00	0.00
13,900.0	90.12	0.20	7,834.7	6,410.3	-1,091.4	6,495.9	0.00	0.00	0.00
14,000.0	90.12	0.20	7,834.5	6,510.3	-1,091.1	6,595.1	0.00	0.00	0.00
14,100.0	90.12	0.20	7,834.3	6,610.3	-1,090.7	6,694.3	0.00	0.00	0.00
14,200.0	90.12	0.20	7,834.1	6,710.3	-1,090.4	6,793.5	0.00	0.00	0.00
14,300.0	90.12	0.20	7,833.9	6,810.3	-1,090.0	6,892.7	0.00	0.00	0.00
14,400.0	90.12	0.20	7,833.7	6,910.3	-1,089.7	6,991.9	0.00	0.00	0.00
14,500.0	90.12	0.20	7,833.5	7,010.3	-1,089.3	7,091.1	0.00	0.00	0.00
14,600.0	90.12	0.20	7,833.3	7,110.3	-1,089.0	7,190.3	0.00	0.00	0.00
14,700.0	90.12	0.20	7,833.1	7,210.3	-1,088.7	7,289.5	0.00	0.00	0.00
14,800.0	90.12	0.20	7,832.9	7,310.3	-1,088.3	7,388.7	0.00	0.00	0.00
14,900.0	90.12	0.20	7,832.7	7,410.3	-1,088.0	7,487.9	0.00	0.00	0.00

Database:	landmark	Local Co-ordinate Reference:	Well Ivey H-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 H-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)	
15,000.0	90.12	0.20	7,832.5	7,510.3	-1,087.6	7,587.1	0.00	0.00	0.00	
15,100.0	90.12	0.20	7,832.3	7,610.3	-1,087.3	7,686.3	0.00	0.00	0.00	
15,200.0	90.12	0.20	7,832.1	7,710.3	-1,086.9	7,785.5	0.00	0.00	0.00	
15,300.0	90.12	0.20	7,831.9	7,810.3	-1,086.6	7,884.7	0.00	0.00	0.00	
15,400.0	90.12	0.20	7,831.7	7,910.3	-1,086.3	7,983.9	0.00	0.00	0.00	
15,500.0	90.12	0.20	7,831.5	8,010.3	-1,085.9	8,083.1	0.00	0.00	0.00	
15,600.0	90.12	0.20	7,831.3	8,110.3	-1,085.6	8,182.3	0.00	0.00	0.00	
15,700.0	90.12	0.20	7,831.1	8,210.3	-1,085.2	8,281.5	0.00	0.00	0.00	
15,800.0	90.12	0.20	7,830.9	8,310.3	-1,084.9	8,380.7	0.00	0.00	0.00	
15,900.0	90.12	0.20	7,830.7	8,410.3	-1,084.5	8,479.9	0.00	0.00	0.00	
16,000.0	90.12	0.20	7,830.5	8,510.3	-1,084.2	8,579.0	0.00	0.00	0.00	
16,100.0	90.12	0.20	7,830.3	8,610.3	-1,083.8	8,678.2	0.00	0.00	0.00	
16,200.0	90.12	0.20	7,830.1	8,710.3	-1,083.5	8,777.4	0.00	0.00	0.00	
16,228.9	90.12	0.20	7,830.0	8,739.2	-1,083.4	8,806.1	0.00	0.00	0.00	
TD at 16228.9										

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
- hit/miss target										
- Shape										
BHL 465'FNL, 2830'FI	0.00	0.00	7,830.0	8,739.2	-1,083.4	1,242,944.74	3,148,643.68	39.999048	-104.969425	
- plan hits target										
- Point										
SHL 1105'FSL, 1720'F	0.00	0.00	1.0	0.0	0.0	1,234,212.48	3,149,779.70	39.975058	-104.965558	
- plan hits target										
- Point										
LANDING PT. 1985'F:	0.00	0.00	7,846.0	881.7	-1,110.4	1,235,087.44	3,148,664.06	39.977478	-104.969520	
- plan hits target										
- Point										

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")		
8,371.3	7,846.0	7"	7	7-1/2		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	+E/-W (ft)	Comment	
1,200.0	1,200.0	0.0	0.0	KOP - Start Build 2.00	
6,503.9	6,392.6	156.0	-1,048.3	Start Drop -2.00	
7,247.3	7,131.4	165.6	-1,112.7	KOP #2 - Start Build 8.02	
16,228.9	7,830.0	8,739.2	-1,083.4	TD at 16228.9	



Bayswater Exploration & Production, LLC

SEC.11-T1S-R68W

Ivey Pad Sec.11-T1S-R68W

Ivey H-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 H-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 H-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	16,228.9	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						
Existing Pad Sec.11-T1S-R68W						
Bullwash 11-11 (P&A) - Wellbore #1 - Wellbore #1						Out of range
Bydalak 1-11 (Exist.) - Wellbore #1 - Wellbore #1	10,942.2	7,846.3	485.1	260.3	2.157	CC, ES, SF
Standley 2 (P&A) - Wellbore #1 - Wellbore #1						Out of range
Ivey Pad Sec.11-T1S-R68W						
Ivey I-11-2HC - Wellbore #1 - Plan #1 (9-4-14)	1,200.0	1,200.0	29.9	24.7	5.784	CC
Ivey I-11-2HC - Wellbore #1 - Plan #1 (9-4-14)	1,300.0	1,300.0	30.3	24.7	5.404	ES
Ivey I-11-2HC - Wellbore #1 - Plan #1 (9-4-14)	16,228.9	16,500.8	519.4	196.3	1.608	SF
Ivey I-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,200.0	1,200.0	15.2	10.0	2.935	CC, ES
Ivey I-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	16,228.9	16,294.3	342.1	18.5	1.057	Level 2, SF
Ivey K-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,200.0	1,199.0	60.1	55.0	11.640	CC
Ivey K-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,300.0	1,299.0	60.5	54.9	10.797	ES
Ivey K-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,500.0	1,498.5	65.2	58.7	10.065	SF
Ivey L-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,200.0	1,199.0	75.2	70.1	14.558	CC
Ivey L-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,300.0	1,299.0	75.6	70.0	13.486	ES
Ivey L-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,600.0	1,597.7	85.3	78.4	12.327	SF
Ivey M-11-12HC - Wellbore #1 - Plan #1 (7-02-14)	800.0	800.0	29.8	26.4	8.843	CC, ES
Ivey M-11-12HC - Wellbore #1 - Plan #1 (7-02-14)	7,100.0	7,082.5	244.5	191.5	4.610	SF
Ivey M-11-12HN - Wellbore #1 - Plan #2 (9-4-14)	1,000.0	1,000.0	15.1	10.8	3.532	CC, ES
Ivey M-11-12HN - Wellbore #1 - Plan #2 (9-4-14)	7,319.0	7,342.0	99.4	47.1	1.900	SF

Offset Design Existing Pad Sec.11-T1S-R68W - Bydalak 1-11 (Exist.) - Wellbore #1 - Wellbore #1													Offset Site Error:	0.0 ft
Survey Program: 8758-UNKNOWN													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		
10,600.0	7,841.5	7,847.0	7,847.0	64.3	156.9	-90.08	3,454.2	-1,586.6	593.6	375.1	218.58	2.716		
10,700.0	7,841.3	7,846.8	7,846.8	66.1	156.9	-90.06	3,454.2	-1,586.6	542.2	321.8	220.40	2.460		
10,800.0	7,841.1	7,846.6	7,846.6	67.8	156.9	-90.03	3,454.2	-1,586.6	505.5	283.3	222.23	2.275		
10,900.0	7,840.9	7,846.4	7,846.4	69.6	156.9	-90.01	3,454.2	-1,586.6	486.9	262.9	224.06	2.173		
10,942.2	7,840.8	7,846.3	7,846.3	70.3	156.9	-90.00	3,454.2	-1,586.6	485.1	260.3	224.84	2.157	CC, ES, SF	
11,000.0	7,840.6	7,846.1	7,846.1	71.4	156.9	-89.99	3,454.2	-1,586.6	488.5	262.6	225.90	2.163		
11,100.0	7,840.4	7,845.9	7,845.9	73.2	156.9	-89.96	3,454.2	-1,586.6	510.1	282.4	227.74	2.240		
11,200.0	7,840.2	7,845.7	7,845.7	75.0	156.9	-89.94	3,454.2	-1,586.6	549.3	319.8	229.59	2.393		

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 H-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 H-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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey H-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 H-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
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 CC	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	105.05	28.0	10.4	30.3	24.7	5.61	5.404 ES	
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	114.07	28.0	10.4	32.1	26.0	6.04	5.311	
1,500.0	1,499.5	1,499.5	1,499.5	3.2	3.3	126.56	28.0	10.4	36.5	30.0	6.47	5.643	
1,600.0	1,598.7	1,598.7	1,598.7	3.5	3.5	139.01	28.0	10.4	44.9	38.0	6.89	6.508	
1,700.0	1,697.5	1,699.3	1,699.3	3.7	3.7	148.77	27.9	8.7	56.0	48.7	7.29	7.679	
1,800.0	1,795.6	1,800.5	1,800.3	4.0	3.9	155.89	27.3	3.4	67.9	60.3	7.67	8.856	
1,900.0	1,893.4	1,902.2	1,901.7	4.4	4.1	161.21	26.5	-5.5	79.1	71.0	8.08	9.786	
2,000.0	1,991.1	2,004.7	2,003.4	4.7	4.3	165.18	25.2	-18.0	87.2	78.7	8.51	10.248	
2,100.0	2,088.8	2,106.0	2,103.4	5.1	4.6	168.50	23.6	-33.5	92.6	83.6	8.95	10.347	
2,200.0	2,186.5	2,205.7	2,201.9	5.5	4.9	171.42	22.1	-49.2	97.8	88.4	9.39	10.410	
2,300.0	2,284.3	2,305.5	2,300.4	5.9	5.2	174.04	20.5	-64.9	103.2	93.4	9.85	10.480	
2,400.0	2,382.0	2,405.2	2,398.9	6.3	5.4	176.40	18.9	-80.6	108.8	98.5	10.31	10.552	
2,500.0	2,479.7	2,505.0	2,497.4	6.8	5.8	178.52	17.3	-96.3	114.6	103.8	10.79	10.621	
2,600.0	2,577.4	2,604.7	2,595.9	7.2	6.1	-179.57	15.7	-112.0	120.6	109.3	11.28	10.685	
2,700.0	2,675.2	2,704.5	2,694.4	7.6	6.4	-177.83	14.2	-127.6	126.6	114.8	11.78	10.744	
2,800.0	2,772.9	2,804.2	2,792.9	8.1	6.7	-176.26	12.6	-143.3	132.8	120.5	12.30	10.797	
2,900.0	2,870.6	2,904.0	2,891.4	8.5	7.0	-174.82	11.0	-159.0	139.0	126.2	12.82	10.843	
3,000.0	2,968.4	3,003.7	2,989.9	8.9	7.4	-173.51	9.4	-174.7	145.3	132.0	13.35	10.883	
3,100.0	3,066.1	3,103.4	3,088.4	9.4	7.7	-172.31	7.8	-190.4	151.7	137.8	13.90	10.917	
3,200.0	3,163.8	3,203.2	3,186.9	9.8	8.1	-171.21	6.3	-206.1	158.2	143.7	14.45	10.947	
3,300.0	3,261.5	3,302.9	3,285.3	10.3	8.4	-170.19	4.7	-221.8	164.7	149.7	15.01	10.971	
3,400.0	3,359.3	3,402.7	3,383.8	10.7	8.8	-169.25	3.1	-237.4	171.3	155.7	15.58	10.992	
3,500.0	3,457.0	3,502.4	3,482.3	11.2	9.1	-168.38	1.5	-253.1	177.9	161.7	16.16	11.008	
3,600.0	3,554.7	3,602.2	3,580.8	11.6	9.5	-167.57	0.0	-268.8	184.5	167.8	16.74	11.022	
3,700.0	3,652.4	3,701.9	3,679.3	12.1	9.8	-166.82	-1.6	-284.5	191.2	173.8	17.33	11.033	
3,800.0	3,750.2	3,801.7	3,777.8	12.5	10.2	-166.12	-3.2	-300.2	197.9	180.0	17.92	11.041	
3,900.0	3,847.9	3,901.4	3,876.3	13.0	10.5	-165.47	-4.8	-315.9	204.6	186.1	18.52	11.048	
4,000.0	3,945.6	4,001.2	3,974.8	13.5	10.9	-164.86	-6.4	-331.6	211.4	192.2	19.12	11.052	
4,100.0	4,043.3	4,100.9	4,073.3	13.9	11.2	-164.28	-7.9	-347.3	218.1	198.4	19.73	11.055	
4,200.0	4,141.1	4,200.7	4,171.8	14.4	11.6	-163.74	-9.5	-362.9	224.9	204.6	20.34	11.057	
4,300.0	4,238.8	4,300.4	4,270.3	14.8	12.0	-163.23	-11.1	-378.6	231.8	210.8	20.96	11.057	
4,400.0	4,336.5	4,400.2	4,368.8	15.3	12.3	-162.75	-12.7	-394.3	238.6	217.0	21.58	11.057	
4,500.0	4,434.3	4,499.9	4,467.3	15.8	12.7	-162.30	-14.2	-410.0	245.5	223.3	22.20	11.056	
4,600.0	4,532.0	4,599.6	4,565.8	16.2	13.1	-161.87	-15.8	-425.7	252.3	229.5	22.83	11.054	
4,700.0	4,629.7	4,699.4	4,664.2	16.7	13.4	-161.47	-17.4	-441.4	259.2	235.7	23.45	11.051	
4,800.0	4,727.4	4,799.1	4,762.7	17.1	13.8	-161.08	-19.0	-457.1	266.1	242.0	24.08	11.048	
4,900.0	4,825.2	4,898.9	4,861.2	17.6	14.2	-160.72	-20.6	-472.7	273.0	248.3	24.72	11.044	
5,000.0	4,922.9	4,998.6	4,959.7	18.1	14.5	-160.37	-22.1	-488.4	279.9	254.6	25.35	11.041	
5,100.0	5,020.6	5,098.4	5,058.2	18.5	14.9	-160.04	-23.7	-504.1	286.8	260.8	25.99	11.037	

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 H-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 H-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:	0.0ft
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
5,200.0	5,118.3	5,198.1	5,156.7	19.0	15.3	-159.73	-25.3	-519.8	293.8	267.1	26.63	11.032	
5,300.0	5,216.1	5,297.9	5,255.2	19.5	15.6	-159.43	-26.9	-535.5	300.7	273.4	27.27	11.028	
5,400.0	5,313.8	5,397.6	5,353.7	19.9	16.0	-159.14	-28.4	-551.2	307.6	279.7	27.91	11.023	
5,500.0	5,411.5	5,497.4	5,452.2	20.4	16.4	-158.87	-30.0	-566.9	314.6	286.0	28.55	11.018	
5,600.0	5,509.2	5,596.8	5,550.4	20.8	16.7	-158.61	-31.6	-582.5	321.6	292.4	29.20	11.014	
5,700.0	5,607.0	5,688.0	5,640.7	21.3	17.0	-158.53	-32.9	-595.3	329.9	300.2	29.71	11.103	
5,800.0	5,704.7	5,778.8	5,730.9	21.8	17.2	-158.75	-33.9	-605.2	340.8	310.7	30.17	11.299	
5,900.0	5,802.4	5,868.8	5,820.7	22.2	17.4	-159.22	-34.6	-612.2	354.4	323.8	30.56	11.597	
6,000.0	5,900.2	5,958.1	5,909.8	22.7	17.5	-159.90	-35.0	-616.4	370.4	339.5	30.89	11.992	
6,100.0	5,997.9	6,048.3	6,000.0	23.2	17.7	-160.77	-35.2	-617.8	389.1	358.0	31.19	12.478	
6,200.0	6,095.6	6,143.9	6,095.6	23.6	17.8	-161.72	-35.2	-617.8	409.3	377.8	31.48	13.001	
6,300.0	6,193.3	6,241.6	6,193.3	24.1	18.0	-162.61	-35.2	-617.8	429.5	397.7	31.79	13.509	
6,400.0	6,291.1	6,339.4	6,291.1	24.6	18.1	-163.41	-35.2	-617.8	449.8	417.7	32.12	14.003	
6,500.0	6,388.8	6,437.1	6,388.8	25.0	18.3	-164.15	-35.2	-617.8	470.2	437.7	32.46	14.483	
6,600.0	6,486.8	6,535.1	6,486.8	25.4	18.4	-164.87	-35.2	-617.8	489.1	456.3	32.82	14.901	
6,700.0	6,585.5	6,633.8	6,585.5	25.7	18.6	-165.43	-35.2	-617.8	504.8	471.6	33.15	15.229	
6,800.0	6,684.7	6,733.0	6,684.7	26.0	18.8	-165.85	-35.2	-617.8	517.1	483.7	33.46	15.457	
6,900.0	6,784.3	6,832.6	6,784.3	26.2	18.9	-166.14	-35.2	-617.8	526.1	492.4	33.75	15.590	
7,000.0	6,884.1	6,932.4	6,884.1	26.3	19.1	-166.31	-35.2	-617.8	531.8	497.7	34.02	15.631	
7,100.0	6,984.1	7,032.4	6,984.1	26.5	19.3	-166.38	-35.2	-617.8	534.0	499.7	34.27	15.583	
7,200.0	7,084.1	7,132.4	7,084.1	26.6	19.4	-112.08	-35.2	-617.8	534.0	499.5	34.58	15.443	
7,224.3	7,108.4	7,156.6	7,108.4	26.6	19.5	111.91	-35.2	-617.8	534.1	499.4	34.72	15.383	
7,300.0	7,184.0	7,232.3	7,184.0	26.7	19.6	112.03	-35.2	-617.8	534.8	499.7	35.07	15.250	
7,400.0	7,282.9	7,336.3	7,288.0	26.9	19.8	113.10	-35.0	-617.8	540.3	504.7	35.59	15.178	
7,500.0	7,378.8	7,479.9	7,430.2	27.0	20.0	114.83	-17.2	-617.8	546.8	510.8	36.02	15.182	
7,600.0	7,469.9	7,628.5	7,570.7	27.3	20.2	115.87	30.6	-617.6	550.9	514.9	36.06	15.279	
7,700.0	7,554.4	7,779.7	7,700.3	27.5	20.5	116.16	107.8	-617.4	552.1	516.2	35.92	15.369	
7,800.0	7,630.6	7,930.5	7,810.6	27.8	20.8	115.67	210.2	-617.0	550.1	514.2	35.95	15.302	
7,900.0	7,697.0	8,077.9	7,895.4	28.2	21.2	114.43	330.5	-616.6	545.3	508.7	36.56	14.916	
8,000.0	7,752.4	8,219.8	7,952.2	28.7	21.9	112.54	460.3	-616.2	538.2	500.2	38.03	14.153	
8,100.0	7,795.7	8,354.7	7,981.4	29.2	22.8	110.09	591.8	-615.7	529.8	489.4	40.38	13.118	
8,200.0	7,825.9	8,473.4	7,987.0	29.9	23.9	107.53	710.3	-615.3	521.1	477.8	43.26	12.046	
8,300.0	7,842.6	8,572.0	7,987.0	30.6	24.9	106.17	808.8	-615.0	516.2	470.0	46.16	11.182	
8,395.6	7,847.4	8,667.4	7,987.0	31.5	26.0	105.73	904.2	-614.7	514.9	466.0	48.94	10.522	
8,400.0	7,845.9	8,671.8	7,987.0	31.5	26.1	105.89	908.7	-614.7	515.3	466.2	49.05	10.505	
8,500.0	7,845.7	8,771.8	7,987.0	32.5	27.3	105.91	1,008.7	-614.3	515.3	463.7	51.65	9.978	
8,600.0	7,845.5	8,871.8	7,987.0	33.6	28.6	105.93	1,108.7	-614.0	515.4	461.0	54.37	9.479	
8,700.0	7,845.3	8,971.8	7,987.0	34.7	30.0	105.95	1,208.7	-613.7	515.4	458.2	57.21	9.010	
8,800.0	7,845.1	9,071.8	7,987.0	35.9	31.5	105.98	1,308.7	-613.3	515.5	455.4	60.13	8.572	
8,900.0	7,844.9	9,171.8	7,987.0	37.2	33.0	106.00	1,408.7	-613.0	515.5	452.4	63.14	8.165	
9,000.0	7,844.7	9,271.8	7,987.0	38.6	34.5	106.02	1,508.7	-612.7	515.6	449.4	66.22	7.786	
9,100.0	7,844.5	9,371.8	7,987.0	40.0	36.1	106.04	1,608.7	-612.3	515.6	446.3	69.35	7.435	
9,200.0	7,844.3	9,471.8	7,987.0	41.4	37.7	106.06	1,708.7	-612.0	515.7	443.1	72.54	7.109	
9,300.0	7,844.1	9,571.8	7,987.0	42.9	39.3	106.09	1,808.7	-611.7	515.7	440.0	75.78	6.806	
9,400.0	7,843.9	9,671.8	7,987.0	44.4	41.0	106.11	1,908.7	-611.3	515.8	436.7	79.05	6.525	
9,500.0	7,843.7	9,771.8	7,987.0	45.9	42.7	106.13	2,008.7	-611.0	515.8	433.5	82.36	6.263	
9,600.0	7,843.5	9,871.8	7,987.0	47.5	44.4	106.15	2,108.7	-610.6	515.9	430.2	85.70	6.020	
9,700.0	7,843.3	9,971.8	7,987.0	49.1	46.1	106.17	2,208.7	-610.3	515.9	426.9	89.07	5.793	
9,800.0	7,843.1	10,071.8	7,987.0	50.7	47.8	106.19	2,308.7	-610.0	516.0	423.5	92.46	5.581	
9,900.0	7,842.9	10,171.8	7,987.0	52.4	49.5	106.22	2,408.7	-609.6	516.0	420.2	95.87	5.382	
10,000.0	7,842.7	10,271.8	7,987.0	54.0	51.3	106.24	2,508.7	-609.3	516.1	416.8	99.31	5.197	
10,100.0	7,842.5	10,371.8	7,987.0	55.7	53.1	106.26	2,608.7	-609.0	516.1	413.4	102.75	5.023	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey H-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 H-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		
10,200.0	7,842.3	10,471.8	7,987.0	57.4	54.8	106.28	2,708.7	-608.6	516.2	410.0	106.22	4.860		
10,300.0	7,842.1	10,571.8	7,987.0	59.1	56.6	106.30	2,808.7	-608.3	516.2	406.5	109.70	4.706		
10,400.0	7,841.9	10,671.8	7,987.0	60.8	58.4	106.33	2,908.7	-608.0	516.3	403.1	113.19	4.561		
10,500.0	7,841.7	10,771.8	7,987.0	62.6	60.2	106.35	3,008.7	-607.6	516.3	399.6	116.69	4.425		
10,600.0	7,841.5	10,871.8	7,987.0	64.3	62.0	106.37	3,108.7	-607.3	516.4	396.2	120.21	4.296		
10,700.0	7,841.3	10,971.8	7,987.0	66.1	63.9	106.39	3,208.7	-606.9	516.4	392.7	123.73	4.174		
10,800.0	7,841.1	11,071.8	7,987.0	67.8	65.7	106.41	3,308.7	-606.6	516.5	389.2	127.26	4.059		
10,900.0	7,840.9	11,171.8	7,987.0	69.6	67.5	106.44	3,408.7	-606.3	516.5	385.7	130.80	3.949		
11,000.0	7,840.6	11,271.8	7,987.0	71.4	69.3	106.46	3,508.7	-605.9	516.6	382.2	134.34	3.845		
11,100.0	7,840.4	11,371.8	7,987.0	73.2	71.2	106.48	3,608.7	-605.6	516.6	378.7	137.90	3.747		
11,200.0	7,840.2	11,471.8	7,987.0	75.0	73.0	106.50	3,708.7	-605.3	516.7	375.2	141.46	3.653		
11,300.0	7,840.0	11,571.8	7,987.0	76.7	74.8	106.52	3,808.7	-604.9	516.7	371.7	145.02	3.563		
11,400.0	7,839.8	11,671.8	7,987.0	78.5	76.7	106.55	3,908.7	-604.6	516.8	368.2	148.59	3.478		
11,500.0	7,839.6	11,771.8	7,987.0	80.4	78.5	106.57	4,008.7	-604.3	516.8	364.7	152.16	3.397		
11,600.0	7,839.4	11,871.8	7,987.0	82.2	80.4	106.59	4,108.7	-603.9	516.9	361.2	155.74	3.319		
11,700.0	7,839.2	11,971.8	7,987.0	84.0	82.2	106.61	4,208.7	-603.6	516.9	357.6	159.32	3.245		
11,800.0	7,839.0	12,071.8	7,987.0	85.8	84.1	106.63	4,308.7	-603.2	517.0	354.1	162.91	3.174		
11,900.0	7,838.8	12,171.8	7,987.0	87.6	86.0	106.65	4,408.7	-602.9	517.0	350.6	166.50	3.105		
12,000.0	7,838.6	12,271.8	7,987.0	89.5	87.8	106.68	4,508.7	-602.6	517.1	347.0	170.09	3.040		
12,100.0	7,838.4	12,371.8	7,987.0	91.3	89.7	106.70	4,608.7	-602.2	517.2	343.5	173.68	2.978		
12,200.0	7,838.2	12,471.8	7,987.0	93.1	91.6	106.72	4,708.7	-601.9	517.2	339.9	177.28	2.917		
12,300.0	7,838.0	12,571.8	7,987.0	95.0	93.4	106.74	4,808.7	-601.6	517.3	336.4	180.88	2.860		
12,400.0	7,837.8	12,671.8	7,987.0	96.8	95.3	106.76	4,908.7	-601.2	517.3	332.8	184.48	2.804		
12,500.0	7,837.6	12,771.8	7,987.0	98.6	97.2	106.79	5,008.7	-600.9	517.4	329.3	188.08	2.751		
12,600.0	7,837.4	12,871.8	7,987.0	100.5	99.0	106.81	5,108.7	-600.6	517.4	325.7	191.69	2.699		
12,700.0	7,837.2	12,971.8	7,987.0	102.3	100.9	106.83	5,208.7	-600.2	517.5	322.2	195.30	2.650		
12,800.0	7,837.0	13,071.8	7,987.0	104.2	102.8	106.85	5,308.7	-599.9	517.5	318.6	198.91	2.602		
12,900.0	7,836.8	13,171.8	7,987.0	106.0	104.7	106.87	5,408.7	-599.5	517.6	315.1	202.52	2.556		
13,000.0	7,836.6	13,271.8	7,987.0	107.9	106.5	106.89	5,508.7	-599.2	517.6	311.5	206.13	2.511		
13,100.0	7,836.4	13,371.8	7,987.0	109.8	108.4	106.92	5,608.7	-598.9	517.7	307.9	209.74	2.468		
13,200.0	7,836.2	13,471.8	7,987.0	111.6	110.3	106.94	5,708.7	-598.5	517.7	304.4	213.35	2.427		
13,300.0	7,836.0	13,571.8	7,987.0	113.5	112.2	106.96	5,808.7	-598.2	517.8	300.8	216.97	2.386		
13,400.0	7,835.8	13,671.8	7,987.0	115.3	114.1	106.98	5,908.7	-597.9	517.8	297.2	220.59	2.348		
13,500.0	7,835.6	13,771.8	7,987.0	117.2	116.0	107.00	6,008.7	-597.5	517.9	293.7	224.20	2.310		
13,600.0	7,835.4	13,871.8	7,987.0	119.1	117.8	107.03	6,108.7	-597.2	517.9	290.1	227.82	2.273		
13,700.0	7,835.1	13,971.8	7,987.0	120.9	119.7	107.05	6,208.7	-596.9	518.0	286.6	231.44	2.238		
13,800.0	7,834.9	14,071.8	7,987.0	122.8	121.6	107.07	6,308.7	-596.5	518.0	283.0	235.06	2.204		
13,900.0	7,834.7	14,171.8	7,987.0	124.7	123.5	107.09	6,408.7	-596.2	518.1	279.4	238.68	2.171		
14,000.0	7,834.5	14,271.8	7,987.0	126.6	125.4	107.11	6,508.7	-595.8	518.1	275.9	242.30	2.138		
14,100.0	7,834.3	14,371.8	7,987.0	128.4	127.3	107.13	6,608.7	-595.5	518.2	272.3	245.92	2.107		
14,200.0	7,834.1	14,471.8	7,987.0	130.3	129.2	107.16	6,708.7	-595.2	518.3	268.7	249.54	2.077		
14,300.0	7,833.9	14,571.8	7,987.0	132.2	131.1	107.18	6,808.7	-594.8	518.3	265.1	253.16	2.047		
14,400.0	7,833.7	14,671.8	7,987.0	134.1	133.0	107.20	6,908.7	-594.5	518.4	261.6	256.78	2.019		
14,500.0	7,833.5	14,771.8	7,987.0	135.9	134.8	107.22	7,008.7	-594.2	518.4	258.0	260.41	1.991		
14,600.0	7,833.3	14,871.8	7,987.0	137.8	136.7	107.24	7,108.7	-593.8	518.5	254.4	264.03	1.964		
14,700.0	7,833.1	14,971.8	7,987.0	139.7	138.6	107.26	7,208.7	-593.5	518.5	250.9	267.65	1.937		
14,800.0	7,832.9	15,071.8	7,987.0	141.6	140.5	107.29	7,308.7	-593.2	518.6	247.3	271.27	1.912		
14,900.0	7,832.7	15,171.8	7,987.0	143.5	142.4	107.31	7,408.7	-592.8	518.6	243.7	274.90	1.887		
15,000.0	7,832.5	15,271.8	7,987.0	145.3	144.3	107.33	7,508.7	-592.5	518.7	240.2	278.52	1.862		
15,100.0	7,832.3	15,371.8	7,987.0	147.2	146.2	107.35	7,608.7	-592.1	518.7	236.6	282.14	1.839		
15,200.0	7,832.1	15,471.8	7,987.0	149.1	148.1	107.37	7,708.7	-591.8	518.8	233.0	285.77	1.815		
15,300.0	7,831.9	15,571.8	7,987.0	151.0	150.0	107.39	7,808.7	-591.5	518.8	229.5	289.39	1.793		

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 H-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 H-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
15,400.0	7,831.7	15,671.8	7,987.0	152.9	151.9	107.42	7,908.7	-591.1	518.9	225.9	293.01	1.771	
15,500.0	7,831.5	15,771.8	7,987.0	154.8	153.8	107.44	8,008.7	-590.8	519.0	222.3	296.63	1.749	
15,600.0	7,831.3	15,871.8	7,987.0	156.6	155.7	107.46	8,108.7	-590.5	519.0	218.8	300.26	1.729	
15,700.0	7,831.1	15,971.8	7,987.0	158.5	157.6	107.48	8,208.7	-590.1	519.1	215.2	303.88	1.708	
15,800.0	7,830.9	16,071.8	7,987.0	160.4	159.5	107.50	8,308.7	-589.8	519.1	211.6	307.50	1.688	
15,900.0	7,830.7	16,171.8	7,987.0	162.3	161.4	107.52	8,408.7	-589.5	519.2	208.0	311.12	1.669	
16,000.0	7,830.5	16,271.8	7,987.0	164.2	163.3	107.55	8,508.6	-589.1	519.2	204.5	314.75	1.650	
16,100.0	7,830.3	16,371.8	7,987.0	166.1	165.2	107.57	8,608.6	-588.8	519.3	200.9	318.37	1.631	
16,200.0	7,830.1	16,471.8	7,987.0	168.0	167.1	107.59	8,708.6	-588.5	519.3	197.3	321.99	1.613	
16,228.9	7,830.0	16,500.8	7,987.0	168.5	167.6	107.60	8,737.6	-588.4	519.4	196.3	323.04	1.608 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey H-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 H-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-11-2HN - 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	20.55	14.2	5.3	15.2	15.2	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	20.55	14.2	5.3	15.2	14.9	0.22	67.503		
200.0	200.0	200.0	200.0	0.3	0.3	20.55	14.2	5.3	15.2	14.5	0.67	22.501		
300.0	300.0	300.0	300.0	0.6	0.6	20.55	14.2	5.3	15.2	14.0	1.12	13.501		
400.0	400.0	400.0	400.0	0.8	0.8	20.55	14.2	5.3	15.2	13.6	1.57	9.643		
500.0	500.0	500.0	500.0	1.0	1.0	20.55	14.2	5.3	15.2	13.1	2.02	7.500		
600.0	600.0	600.0	600.0	1.2	1.2	20.55	14.2	5.3	15.2	12.7	2.47	6.137		
700.0	700.0	700.0	700.0	1.5	1.5	20.55	14.2	5.3	15.2	12.3	2.92	5.193		
800.0	800.0	800.0	800.0	1.7	1.7	20.55	14.2	5.3	15.2	11.8	3.37	4.500		
900.0	900.0	900.0	900.0	1.9	1.9	20.55	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	20.55	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	20.55	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	20.55	14.2	5.3	15.2	10.0	5.17	2.935 CC, ES		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	108.34	14.2	5.3	15.6	10.0	5.61	2.787		
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	124.32	14.2	5.3	18.0	11.9	6.04	2.978		
1,500.0	1,499.5	1,500.2	1,500.1	3.2	3.2	139.82	14.1	3.6	22.5	16.0	6.45	3.484		
1,600.0	1,598.7	1,600.7	1,600.6	3.5	3.4	151.09	13.8	-1.7	27.7	20.9	6.83	4.052		
1,700.0	1,697.5	1,701.5	1,700.9	3.7	3.7	159.80	13.2	-10.5	33.4	26.2	7.22	4.632		
1,800.0	1,795.6	1,802.5	1,801.2	4.0	3.9	166.92	12.4	-22.8	39.6	32.0	7.60	5.210		
1,900.0	1,893.4	1,903.8	1,901.2	4.4	4.2	172.79	11.4	-38.8	44.8	36.8	8.03	5.581		
2,000.0	1,991.1	2,004.4	2,000.0	4.7	4.5	177.97	10.3	-57.6	47.4	38.9	8.48	5.588		
2,100.0	2,088.8	2,104.3	2,098.1	5.1	4.8	-177.34	9.1	-76.7	49.9	40.9	8.95	5.573		
2,200.0	2,186.5	2,204.2	2,196.1	5.5	5.1	-173.13	7.9	-95.8	52.7	43.3	9.46	5.573		
2,300.0	2,284.3	2,304.1	2,294.1	5.9	5.5	-169.36	6.7	-114.9	55.8	45.8	10.00	5.579		
2,400.0	2,382.0	2,404.0	2,392.2	6.3	5.8	-166.00	5.5	-134.0	59.1	48.5	10.58	5.588		
2,500.0	2,479.7	2,503.8	2,490.2	6.8	6.2	-163.00	4.3	-153.1	62.6	51.4	11.18	5.595		
2,600.0	2,577.4	2,603.7	2,588.3	7.2	6.6	-160.32	3.1	-172.2	66.2	54.4	11.82	5.601		
2,700.0	2,675.2	2,703.6	2,686.3	7.6	6.9	-157.93	1.9	-191.3	70.0	57.5	12.48	5.605		
2,800.0	2,772.9	2,803.5	2,784.3	8.1	7.3	-155.78	0.7	-210.4	73.8	60.7	13.17	5.607		
2,900.0	2,870.6	2,903.4	2,882.4	8.5	7.7	-153.85	-0.5	-229.5	77.8	63.9	13.88	5.607		
3,000.0	2,968.4	3,003.3	2,980.4	8.9	8.1	-152.11	-1.7	-248.6	81.8	67.2	14.60	5.606		
3,100.0	3,066.1	3,103.2	3,078.5	9.4	8.5	-150.54	-2.9	-267.7	86.0	70.6	15.34	5.605		
3,200.0	3,163.8	3,203.1	3,176.5	9.8	8.9	-149.10	-4.1	-286.8	90.1	74.0	16.09	5.602		
3,300.0	3,261.5	3,303.0	3,274.5	10.3	9.3	-147.80	-5.3	-305.9	94.3	77.5	16.85	5.599		
3,400.0	3,359.3	3,402.8	3,372.6	10.7	9.7	-146.61	-6.5	-325.0	98.6	81.0	17.62	5.596		
3,500.0	3,457.0	3,502.7	3,470.6	11.2	10.2	-145.52	-7.6	-344.1	102.9	84.5	18.40	5.593		
3,600.0	3,554.7	3,602.6	3,568.6	11.6	10.6	-144.51	-8.8	-363.2	107.3	88.1	19.19	5.590		
3,700.0	3,652.4	3,702.5	3,666.7	12.1	11.0	-143.59	-10.0	-382.3	111.6	91.6	19.98	5.587		
3,800.0	3,750.2	3,802.4	3,764.7	12.5	11.4	-142.73	-11.2	-401.4	116.0	95.2	20.78	5.584		
3,900.0	3,847.9	3,902.3	3,862.8	13.0	11.8	-141.94	-12.4	-420.5	120.4	98.9	21.58	5.582		
4,000.0	3,945.6	4,002.2	3,960.8	13.5	12.2	-141.20	-13.6	-439.6	124.9	102.5	22.39	5.579		
4,100.0	4,043.3	4,102.1	4,058.8	13.9	12.7	-140.51	-14.8	-458.7	129.4	106.2	23.20	5.577		
4,200.0	4,141.1	4,202.0	4,156.9	14.4	13.1	-139.87	-16.0	-477.8	133.8	109.8	24.01	5.574		
4,300.0	4,238.8	4,301.8	4,254.9	14.8	13.5	-139.27	-17.2	-496.9	138.3	113.5	24.82	5.572		
4,400.0	4,336.5	4,401.7	4,353.0	15.3	13.9	-138.71	-18.4	-516.0	142.8	117.2	25.64	5.570		
4,500.0	4,434.3	4,501.6	4,451.0	15.8	14.3	-138.18	-19.6	-535.1	147.4	120.9	26.46	5.568		
4,600.0	4,532.0	4,601.5	4,549.0	16.2	14.8	-137.69	-20.8	-554.2	151.9	124.6	27.29	5.567		
4,700.0	4,629.7	4,701.4	4,647.1	16.7	15.2	-137.22	-22.0	-573.3	156.4	128.3	28.11	5.565		
4,800.0	4,727.4	4,801.3	4,745.1	17.1	15.6	-136.78	-23.2	-592.4	161.0	132.0	28.93	5.564		
4,900.0	4,825.2	4,901.2	4,843.1	17.6	16.0	-136.37	-24.4	-611.5	165.5	135.8	29.76	5.562		
5,000.0	4,922.9	5,001.1	4,941.2	18.1	16.5	-135.97	-25.6	-630.6	170.1	139.5	30.59	5.561		
5,100.0	5,020.6	5,101.0	5,039.2	18.5	16.9	-135.60	-26.8	-649.7	174.7	143.3	31.42	5.560		

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 H-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 H-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-11-2HN - 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	5,118.3	5,200.8	5,137.3	19.0	17.3	-135.24	-28.0	-668.8	179.3	147.0	32.25	5.559	
5,300.0	5,216.1	5,300.7	5,235.3	19.5	17.7	-134.91	-29.2	-687.9	183.9	150.8	33.08	5.558	
5,400.0	5,313.8	5,400.6	5,333.3	19.9	18.2	-134.59	-30.3	-707.0	188.5	154.6	33.91	5.557	
5,500.0	5,411.5	5,500.5	5,431.4	20.4	18.6	-134.28	-31.5	-726.1	193.1	158.3	34.75	5.557	
5,600.0	5,509.2	5,597.6	5,526.8	20.8	19.0	-134.25	-32.6	-743.6	198.3	162.8	35.47	5.590	
5,700.0	5,607.0	5,693.6	5,621.8	21.3	19.2	-134.97	-33.5	-757.9	205.2	169.3	35.94	5.709	
5,800.0	5,704.7	5,789.2	5,716.7	21.8	19.5	-136.36	-34.2	-768.9	214.1	177.8	36.24	5.907	
5,900.0	5,802.4	5,884.1	5,811.3	22.2	19.7	-138.28	-34.7	-776.7	225.0	188.7	36.37	6.187	
6,000.0	5,900.2	5,978.0	5,905.1	22.7	19.8	-140.61	-35.0	-781.3	238.3	201.9	36.36	6.553	
6,100.0	5,997.9	6,072.9	6,000.0	23.2	19.9	-143.25	-35.1	-782.9	254.0	217.8	36.23	7.011	
6,200.0	6,095.6	6,168.5	6,095.6	23.6	20.1	-145.85	-35.1	-782.9	271.4	235.3	36.10	7.519	
6,300.0	6,193.3	6,266.3	6,193.3	24.1	20.2	-148.19	-35.1	-782.9	289.3	253.3	36.02	8.033	
6,400.0	6,291.1	6,364.0	6,291.1	24.6	20.4	-150.26	-35.1	-782.9	307.6	271.6	35.99	8.547	
6,500.0	6,388.8	6,461.7	6,388.8	25.0	20.5	-152.10	-35.1	-782.9	326.3	290.3	36.03	9.058	
6,600.0	6,486.8	6,559.8	6,486.8	25.4	20.6	-153.78	-35.1	-782.9	343.9	307.8	36.09	9.528	
6,700.0	6,585.5	6,658.4	6,585.5	25.7	20.8	-155.04	-35.1	-782.9	358.5	322.3	36.18	9.909	
6,800.0	6,684.7	6,757.6	6,684.7	26.0	20.9	-155.97	-35.1	-782.9	370.1	333.8	36.32	10.192	
6,900.0	6,784.3	6,857.2	6,784.3	26.2	21.1	-156.61	-35.1	-782.9	378.6	342.1	36.48	10.377	
7,000.0	6,884.1	6,957.0	6,884.1	26.3	21.2	-156.99	-35.1	-782.9	383.9	347.3	36.67	10.469	
7,100.0	6,984.1	7,057.0	6,984.1	26.5	21.4	-157.14	-35.1	-782.9	386.0	349.2	36.88	10.469	
7,200.0	7,084.1	7,157.8	7,100.8	26.6	21.6	-120.99	-32.5	-782.9	385.1	348.0	37.09	10.384	
7,300.0	7,184.0	7,308.4	7,233.0	26.7	21.8	118.34	-8.6	-782.8	377.2	340.3	36.94	10.212	
7,400.0	7,282.9	7,436.7	7,352.9	26.9	21.9	115.20	36.8	-782.6	367.2	330.7	36.44	10.075	
7,500.0	7,378.8	7,558.7	7,457.5	27.0	22.1	111.47	99.3	-782.4	356.9	321.0	35.89	9.946	
7,600.0	7,469.9	7,674.4	7,545.6	27.3	22.3	107.24	174.1	-782.2	347.4	311.8	35.64	9.748	
7,700.0	7,554.4	7,784.2	7,617.0	27.5	22.6	102.62	257.3	-781.9	339.5	303.4	36.02	9.424	
7,800.0	7,630.6	7,888.6	7,672.3	27.8	22.9	97.74	345.8	-781.6	333.8	296.7	37.13	8.991	
7,900.0	7,697.0	7,988.2	7,712.5	28.2	23.3	92.72	436.8	-781.3	330.9	292.1	38.77	8.534	
7,953.9	7,728.3	8,040.2	7,728.4	28.4	23.6	90.01	486.3	-781.2	330.5	290.7	39.78	8.309	
8,000.0	7,752.4	8,083.7	7,738.9	28.7	23.9	87.71	528.5	-781.0	330.8	290.2	40.60	8.147	
8,100.0	7,795.7	8,175.5	7,752.5	29.2	24.6	82.85	619.3	-780.7	333.3	291.1	42.25	7.889	
8,200.0	7,825.9	8,267.0	7,754.9	29.9	25.3	78.22	710.7	-780.4	338.0	294.6	43.46	7.778	
8,300.0	7,842.6	8,365.5	7,754.8	30.6	26.2	75.19	809.2	-780.1	342.0	297.5	44.54	7.678	
8,400.0	7,845.9	8,465.4	7,754.6	31.5	27.3	74.55	909.1	-779.7	342.9	296.7	46.26	7.413	
8,500.0	7,845.7	8,565.4	7,754.4	32.5	28.5	74.55	1,009.1	-779.4	342.9	294.1	48.83	7.023	
8,600.0	7,845.5	8,665.4	7,754.2	33.6	29.8	74.55	1,109.1	-779.1	342.9	291.4	51.53	6.654	
8,700.0	7,845.3	8,765.4	7,754.0	34.7	31.1	74.56	1,209.1	-778.7	342.9	288.5	54.36	6.308	
8,800.0	7,845.1	8,865.4	7,753.8	35.9	32.5	74.56	1,309.1	-778.4	342.9	285.6	57.28	5.986	
8,900.0	7,844.9	8,965.4	7,753.6	37.2	34.0	74.56	1,409.1	-778.1	342.9	282.6	60.29	5.687	
9,000.0	7,844.7	9,065.4	7,753.5	38.6	35.5	74.56	1,509.1	-777.7	342.9	279.5	63.38	5.410	
9,100.0	7,844.5	9,165.4	7,753.3	40.0	37.0	74.57	1,609.1	-777.4	342.9	276.3	66.53	5.153	
9,200.0	7,844.3	9,265.4	7,753.1	41.4	38.6	74.57	1,709.1	-777.1	342.8	273.1	69.74	4.916	
9,300.0	7,844.1	9,365.4	7,752.9	42.9	40.2	74.57	1,809.1	-776.7	342.8	269.8	72.99	4.697	
9,400.0	7,843.9	9,465.4	7,752.7	44.4	41.8	74.57	1,909.1	-776.4	342.8	266.5	76.29	4.494	
9,500.0	7,843.7	9,565.4	7,752.5	45.9	43.5	74.58	2,009.1	-776.0	342.8	263.2	79.62	4.306	
9,600.0	7,843.5	9,665.4	7,752.3	47.5	45.1	74.58	2,109.1	-775.7	342.8	259.8	82.98	4.131	
9,700.0	7,843.3	9,765.4	7,752.2	49.1	46.8	74.58	2,209.1	-775.4	342.8	256.4	86.38	3.969	
9,800.0	7,843.1	9,865.4	7,752.0	50.7	48.5	74.58	2,309.1	-775.0	342.8	253.0	89.80	3.817	
9,900.0	7,842.9	9,965.4	7,751.8	52.4	50.3	74.59	2,409.1	-774.7	342.8	249.5	93.24	3.676	
10,000.0	7,842.7	10,065.4	7,751.6	54.0	52.0	74.59	2,509.1	-774.4	342.8	246.1	96.70	3.545	
10,100.0	7,842.5	10,165.4	7,751.4	55.7	53.7	74.59	2,609.1	-774.0	342.7	242.6	100.18	3.421	
10,200.0	7,842.3	10,265.4	7,751.2	57.4	55.5	74.59	2,709.1	-773.7	342.7	239.1	103.67	3.306	

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 H-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 H-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-11-2HN - 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
10,300.0	7,842.1	10,365.4	7,751.0	59.1	57.3	74.60	2,809.1	-773.3	342.7	235.5	107.18	3.198	
10,400.0	7,841.9	10,465.4	7,750.9	60.8	59.1	74.60	2,909.1	-773.0	342.7	232.0	110.71	3.096	
10,500.0	7,841.7	10,565.4	7,750.7	62.6	60.8	74.60	3,009.1	-772.7	342.7	228.5	114.24	3.000	
10,600.0	7,841.5	10,665.4	7,750.5	64.3	62.6	74.60	3,109.1	-772.3	342.7	224.9	117.79	2.909	
10,700.0	7,841.3	10,765.4	7,750.3	66.1	64.4	74.61	3,209.1	-772.0	342.7	221.3	121.34	2.824	
10,800.0	7,841.1	10,865.4	7,750.1	67.8	66.3	74.61	3,309.1	-771.7	342.7	217.8	124.91	2.743	
10,900.0	7,840.9	10,965.4	7,749.9	69.6	68.1	74.61	3,409.1	-771.3	342.7	214.2	128.48	2.667	
11,000.0	7,840.6	11,065.4	7,749.7	71.4	69.9	74.61	3,509.1	-771.0	342.7	210.6	132.06	2.595	
11,100.0	7,840.4	11,165.4	7,749.5	73.2	71.7	74.62	3,609.1	-770.7	342.6	207.0	135.65	2.526	
11,200.0	7,840.2	11,265.4	7,749.4	75.0	73.5	74.62	3,709.1	-770.3	342.6	203.4	139.25	2.461	
11,300.0	7,840.0	11,365.4	7,749.2	76.7	75.4	74.62	3,809.1	-770.0	342.6	199.8	142.85	2.398	
11,400.0	7,839.8	11,465.4	7,749.0	78.5	77.2	74.62	3,909.1	-769.6	342.6	196.1	146.46	2.339	
11,500.0	7,839.6	11,565.4	7,748.8	80.4	79.1	74.63	4,009.1	-769.3	342.6	192.5	150.07	2.283	
11,600.0	7,839.4	11,665.4	7,748.6	82.2	80.9	74.63	4,109.1	-769.0	342.6	188.9	153.69	2.229	
11,700.0	7,839.2	11,765.4	7,748.4	84.0	82.7	74.63	4,209.1	-768.6	342.6	185.3	157.31	2.178	
11,800.0	7,839.0	11,865.4	7,748.2	85.8	84.6	74.63	4,309.1	-768.3	342.6	181.6	160.93	2.129	
11,900.0	7,838.8	11,965.4	7,748.1	87.6	86.4	74.64	4,409.1	-768.0	342.6	178.0	164.56	2.082	
12,000.0	7,838.6	12,065.4	7,747.9	89.5	88.3	74.64	4,509.1	-767.6	342.5	174.3	168.20	2.037	
12,100.0	7,838.4	12,165.4	7,747.7	91.3	90.2	74.64	4,609.1	-767.3	342.5	170.7	171.84	1.993	
12,200.0	7,838.2	12,265.4	7,747.5	93.1	92.0	74.64	4,709.1	-766.9	342.5	167.0	175.48	1.952	
12,300.0	7,838.0	12,365.4	7,747.3	95.0	93.9	74.65	4,809.1	-766.6	342.5	163.4	179.12	1.912	
12,400.0	7,837.8	12,465.4	7,747.1	96.8	95.7	74.65	4,909.1	-766.3	342.5	159.7	182.77	1.874	
12,500.0	7,837.6	12,565.4	7,746.9	98.6	97.6	74.65	5,009.1	-765.9	342.5	156.1	186.42	1.837	
12,600.0	7,837.4	12,665.4	7,746.8	100.5	99.5	74.65	5,109.1	-765.6	342.5	152.4	190.07	1.802	
12,700.0	7,837.2	12,765.4	7,746.6	102.3	101.4	74.66	5,209.1	-765.3	342.5	148.7	193.72	1.768	
12,800.0	7,837.0	12,865.4	7,746.4	104.2	103.2	74.66	5,309.1	-764.9	342.5	145.1	197.38	1.735	
12,900.0	7,836.8	12,965.4	7,746.2	106.0	105.1	74.66	5,409.1	-764.6	342.4	141.4	201.04	1.703	
13,000.0	7,836.6	13,065.4	7,746.0	107.9	107.0	74.66	5,509.1	-764.3	342.4	137.7	204.70	1.673	
13,100.0	7,836.4	13,165.4	7,745.8	109.8	108.8	74.67	5,609.1	-763.9	342.4	134.1	208.36	1.643	
13,200.0	7,836.2	13,265.4	7,745.6	111.6	110.7	74.67	5,709.1	-763.6	342.4	130.4	212.03	1.615	
13,300.0	7,836.0	13,365.4	7,745.5	113.5	112.6	74.67	5,809.1	-763.2	342.4	126.7	215.69	1.587	
13,400.0	7,835.8	13,465.4	7,745.3	115.3	114.5	74.67	5,909.1	-762.9	342.4	123.0	219.36	1.561	
13,500.0	7,835.6	13,565.4	7,745.1	117.2	116.4	74.68	6,009.1	-762.6	342.4	119.4	223.03	1.535	
13,600.0	7,835.4	13,665.4	7,744.9	119.1	118.2	74.68	6,109.1	-762.2	342.4	115.7	226.70	1.510	
13,700.0	7,835.1	13,765.4	7,744.7	120.9	120.1	74.68	6,209.1	-761.9	342.4	112.0	230.37	1.486 Level 3	
13,800.0	7,834.9	13,865.4	7,744.5	122.8	122.0	74.69	6,309.1	-761.6	342.3	108.3	234.05	1.463 Level 3	
13,900.0	7,834.7	13,965.4	7,744.3	124.7	123.9	74.69	6,409.1	-761.2	342.3	104.6	237.72	1.440 Level 3	
14,000.0	7,834.5	14,065.4	7,744.2	126.6	125.8	74.69	6,509.0	-760.9	342.3	100.9	241.40	1.418 Level 3	
14,100.0	7,834.3	14,165.4	7,744.0	128.4	127.7	74.69	6,609.0	-760.5	342.3	97.2	245.08	1.397 Level 3	
14,200.0	7,834.1	14,265.4	7,743.8	130.3	129.6	74.70	6,709.0	-760.2	342.3	93.5	248.76	1.376 Level 3	
14,300.0	7,833.9	14,365.4	7,743.6	132.2	131.4	74.70	6,809.0	-759.9	342.3	89.9	252.44	1.356 Level 3	
14,400.0	7,833.7	14,465.4	7,743.4	134.1	133.3	74.70	6,909.0	-759.5	342.3	86.2	256.12	1.336 Level 3	
14,500.0	7,833.5	14,565.4	7,743.2	135.9	135.2	74.70	7,009.0	-759.2	342.3	82.5	259.80	1.317 Level 3	
14,600.0	7,833.3	14,665.4	7,743.0	137.8	137.1	74.71	7,109.0	-758.9	342.3	78.8	263.48	1.299 Level 3	
14,700.0	7,833.1	14,765.4	7,742.8	139.7	139.0	74.71	7,209.0	-758.5	342.3	75.1	267.17	1.281 Level 3	
14,800.0	7,832.9	14,865.4	7,742.7	141.6	140.9	74.71	7,309.0	-758.2	342.2	71.4	270.85	1.264 Level 3	
14,900.0	7,832.7	14,965.4	7,742.5	143.5	142.8	74.71	7,409.0	-757.8	342.2	67.7	274.54	1.247 Level 2	
15,000.0	7,832.5	15,065.4	7,742.3	145.3	144.7	74.72	7,509.0	-757.5	342.2	64.0	278.23	1.230 Level 2	
15,100.0	7,832.3	15,165.4	7,742.1	147.2	146.6	74.72	7,609.0	-757.2	342.2	60.3	281.92	1.214 Level 2	
15,200.0	7,832.1	15,265.4	7,741.9	149.1	148.5	74.72	7,709.0	-756.8	342.2	56.6	285.60	1.198 Level 2	
15,300.0	7,831.9	15,365.4	7,741.7	151.0	150.4	74.72	7,809.0	-756.5	342.2	52.9	289.29	1.183 Level 2	
15,400.0	7,831.7	15,465.4	7,741.5	152.9	152.3	74.73	7,909.0	-756.2	342.2	49.2	292.98	1.168 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 H-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 H-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-11-2HN - 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	
15,500.0	7,831.5	15,565.4	7,741.4	154.8	154.1	74.73	8,009.0	-755.8	342.2	45.5	296.68	1.153	Level 2
15,600.0	7,831.3	15,665.4	7,741.2	156.6	156.0	74.73	8,109.0	-755.5	342.2	41.8	300.37	1.139	Level 2
15,700.0	7,831.1	15,765.4	7,741.0	158.5	157.9	74.73	8,209.0	-755.2	342.1	38.1	304.06	1.125	Level 2
15,800.0	7,830.9	15,865.4	7,740.8	160.4	159.8	74.74	8,309.0	-754.8	342.1	34.4	307.75	1.112	Level 2
15,900.0	7,830.7	15,965.4	7,740.6	162.3	161.7	74.74	8,409.0	-754.5	342.1	30.7	311.45	1.098	Level 2
16,000.0	7,830.5	16,065.4	7,740.4	164.2	163.6	74.74	8,509.0	-754.1	342.1	27.0	315.14	1.086	Level 2
16,100.0	7,830.3	16,165.4	7,740.2	166.1	165.5	74.74	8,609.0	-753.8	342.1	23.3	318.83	1.073	Level 2
16,200.0	7,830.1	16,265.4	7,740.1	168.0	167.4	74.75	8,709.0	-753.5	342.1	19.6	322.53	1.061	Level 2
16,228.9	7,830.0	16,294.3	7,740.0	168.5	168.0	74.75	8,738.0	-753.4	342.1	18.5	323.60	1.057	Level 2, SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey H-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 H-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							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	20.17	56.5	20.7	60.2					
100.0	100.0	99.0	99.0	0.1	0.1	20.17	56.5	20.7	60.1	59.9	0.22	268.948		
200.0	200.0	199.0	199.0	0.3	0.3	20.17	56.5	20.7	60.1	59.5	0.67	89.500		
300.0	300.0	299.0	299.0	0.6	0.6	20.17	56.5	20.7	60.1	59.0	1.12	53.628		
400.0	400.0	399.0	399.0	0.8	0.8	20.17	56.5	20.7	60.1	58.6	1.57	38.284		
500.0	500.0	499.0	499.0	1.0	1.0	20.17	56.5	20.7	60.1	58.1	2.02	29.767		
600.0	600.0	599.0	599.0	1.2	1.2	20.17	56.5	20.7	60.1	57.7	2.47	24.350		
700.0	700.0	699.0	699.0	1.5	1.5	20.17	56.5	20.7	60.1	57.2	2.92	20.601		
800.0	800.0	799.0	799.0	1.7	1.7	20.17	56.5	20.7	60.1	56.8	3.37	17.852		
900.0	900.0	899.0	899.0	1.9	1.9	20.17	56.5	20.7	60.1	56.3	3.82	15.751		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	20.17	56.5	20.7	60.1	55.9	4.27	14.092		
1,100.0	1,100.0	1,099.0	1,099.0	2.4	2.4	20.17	56.5	20.7	60.1	55.4	4.72	12.749		
1,200.0	1,200.0	1,199.0	1,199.0	2.6	2.6	20.17	56.5	20.7	60.1	55.0	5.17	11.640 CC		
1,300.0	1,300.0	1,299.0	1,299.0	2.8	2.8	103.31	56.5	20.7	60.5	54.9	5.61	10.797 ES		
1,400.0	1,399.8	1,398.8	1,398.8	3.0	3.0	108.00	56.5	20.7	61.9	55.9	6.04	10.260		
1,500.0	1,499.5	1,498.5	1,498.5	3.2	3.3	115.22	56.5	20.7	65.2	58.7	6.47	10.065 SF		
1,600.0	1,598.7	1,597.7	1,597.7	3.5	3.5	123.98	56.5	20.7	71.2	64.3	6.92	10.302		
1,700.0	1,697.5	1,696.5	1,696.5	3.7	3.7	132.98	56.5	20.7	81.1	73.7	7.35	11.030		
1,800.0	1,795.6	1,794.6	1,794.6	4.0	3.9	141.17	56.5	20.7	95.2	87.4	7.78	12.244		
1,900.0	1,893.4	1,892.4	1,892.4	4.4	4.1	147.87	56.5	20.7	112.6	104.4	8.21	13.710		
2,000.0	1,991.1	1,990.1	1,990.1	4.7	4.4	152.78	56.5	20.7	131.2	122.5	8.66	15.149		
2,100.0	2,088.8	2,092.4	2,092.4	5.1	4.6	156.80	55.6	19.5	149.1	140.0	9.09	16.401		
2,200.0	2,186.5	2,196.1	2,195.9	5.5	4.8	160.45	52.8	15.1	164.2	154.7	9.50	17.291		
2,300.0	2,284.3	2,297.8	2,297.3	5.9	5.0	163.86	48.1	8.1	177.0	167.1	9.91	17.865		
2,400.0	2,382.0	2,396.5	2,395.6	6.3	5.2	166.78	43.4	0.9	189.8	179.5	10.32	18.383		
2,500.0	2,479.7	2,495.3	2,494.0	6.8	5.4	169.34	38.6	-6.4	203.0	192.3	10.75	18.885		
2,600.0	2,577.4	2,594.0	2,592.4	7.2	5.6	171.58	33.8	-13.6	216.6	205.4	11.19	19.363		
2,700.0	2,675.2	2,692.7	2,690.7	7.6	5.8	173.55	29.0	-20.9	230.5	218.9	11.63	19.816		
2,800.0	2,772.9	2,791.5	2,789.1	8.1	6.0	175.30	24.2	-28.1	244.6	232.5	12.09	20.238		
2,900.0	2,870.6	2,890.2	2,887.4	8.5	6.3	176.86	19.4	-35.4	258.9	246.4	12.55	20.632		
3,000.0	2,968.4	2,989.0	2,985.8	8.9	6.5	178.26	14.7	-42.6	273.4	260.4	13.02	20.998		
3,100.0	3,066.1	3,087.7	3,084.1	9.4	6.7	179.51	9.9	-49.9	288.0	274.5	13.50	21.337		
3,200.0	3,163.8	3,186.4	3,182.5	9.8	7.0	-179.36	5.1	-57.1	302.8	288.8	13.98	21.651		
3,300.0	3,261.5	3,285.2	3,280.8	10.3	7.2	-178.33	0.3	-64.4	317.6	303.2	14.48	21.941		
3,400.0	3,359.3	3,383.9	3,379.2	10.7	7.4	-177.39	-4.5	-71.6	332.6	317.6	14.97	22.210		
3,500.0	3,457.0	3,482.6	3,477.5	11.2	7.7	-176.54	-9.2	-78.9	347.6	332.1	15.48	22.459		
3,600.0	3,554.7	3,581.4	3,575.9	11.6	7.9	-175.75	-14.0	-86.2	362.7	346.7	15.99	22.689		
3,700.0	3,652.4	3,680.1	3,674.2	12.1	8.2	-175.03	-18.8	-93.4	377.8	361.4	16.50	22.903		
3,800.0	3,750.2	3,778.8	3,772.6	12.5	8.4	-174.36	-23.6	-100.7	393.1	376.0	17.01	23.101		
3,900.0	3,847.9	3,877.6	3,871.0	13.0	8.7	-173.75	-28.4	-107.9	408.3	390.8	17.54	23.286		
4,000.0	3,945.6	3,974.4	3,967.4	13.5	8.9	-173.19	-33.0	-115.0	423.7	405.6	18.05	23.471		
4,100.0	4,043.3	4,064.0	4,056.8	13.9	9.1	-172.91	-36.3	-119.9	440.5	421.9	18.52	23.784		
4,200.0	4,141.1	4,153.0	4,145.8	14.4	9.3	-172.91	-38.0	-122.4	459.3	440.3	18.97	24.214		
4,300.0	4,238.8	4,245.1	4,237.8	14.8	9.5	-173.16	-38.2	-122.9	480.0	460.6	19.41	24.729		
4,400.0	4,336.5	4,342.8	4,335.5	15.3	9.7	-173.45	-38.2	-122.9	501.0	481.2	19.86	25.226		
4,500.0	4,434.3	4,440.5	4,433.3	15.8	9.9	-173.71	-38.2	-122.9	522.1	501.8	20.32	25.696		
4,600.0	4,532.0	4,538.2	4,531.0	16.2	10.1	-173.96	-38.2	-122.9	543.2	522.4	20.78	26.144		
4,700.0	4,629.7	4,636.0	4,628.7	16.7	10.3	-174.18	-38.2	-122.9	564.3	543.0	21.24	26.570		
4,800.0	4,727.4	4,733.7	4,726.4	17.1	10.5	-174.39	-38.2	-122.9	585.4	563.7	21.70	26.978		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey H-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 H-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)	+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	20.04	70.7	25.8	75.2					
100.0	100.0	99.0	99.0	0.1	0.1	20.04	70.7	25.8	75.2	75.0	0.22	336.374		
200.0	200.0	199.0	199.0	0.3	0.3	20.04	70.7	25.8	75.2	74.6	0.67	111.938		
300.0	300.0	299.0	299.0	0.6	0.6	20.04	70.7	25.8	75.2	74.1	1.12	67.073		
400.0	400.0	399.0	399.0	0.8	0.8	20.04	70.7	25.8	75.2	73.7	1.57	47.882		
500.0	500.0	499.0	499.0	1.0	1.0	20.04	70.7	25.8	75.2	73.2	2.02	37.230		
600.0	600.0	599.0	599.0	1.2	1.2	20.04	70.7	25.8	75.2	72.8	2.47	30.455		
700.0	700.0	699.0	699.0	1.5	1.5	20.04	70.7	25.8	75.2	72.3	2.92	25.766		
800.0	800.0	799.0	799.0	1.7	1.7	20.04	70.7	25.8	75.2	71.9	3.37	22.328		
900.0	900.0	899.0	899.0	1.9	1.9	20.04	70.7	25.8	75.2	71.4	3.82	19.700		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	20.04	70.7	25.8	75.2	71.0	4.27	17.625		
1,100.0	1,100.0	1,099.0	1,099.0	2.4	2.4	20.04	70.7	25.8	75.2	70.5	4.72	15.945		
1,200.0	1,200.0	1,199.0	1,199.0	2.6	2.6	20.04	70.7	25.8	75.2	70.1	5.17	14.558 CC		
1,300.0	1,300.0	1,299.0	1,299.0	2.8	2.8	102.87	70.7	25.8	75.6	70.0	5.61	13.486 ES		
1,400.0	1,399.8	1,398.8	1,398.8	3.0	3.0	106.64	70.7	25.8	76.9	70.9	6.04	12.743		
1,500.0	1,499.5	1,498.5	1,498.5	3.2	3.3	112.57	70.7	25.8	79.9	73.4	6.48	12.333		
1,600.0	1,598.7	1,597.7	1,597.7	3.5	3.5	120.01	70.7	25.8	85.3	78.4	6.92	12.327 SF		
1,700.0	1,697.5	1,696.5	1,696.5	3.7	3.7	128.07	70.7	25.8	94.2	86.8	7.37	12.785		
1,800.0	1,795.6	1,794.6	1,794.6	4.0	3.9	135.88	70.7	25.8	107.1	99.3	7.80	13.726		
1,900.0	1,893.4	1,892.4	1,892.4	4.4	4.1	142.67	70.7	25.8	123.3	115.1	8.25	14.950		
2,000.0	1,991.1	1,990.1	1,990.1	4.7	4.4	147.87	70.7	25.8	140.9	132.2	8.70	16.199		
2,100.0	2,088.8	2,087.8	2,087.8	5.1	4.6	151.91	70.7	25.8	159.3	150.2	9.15	17.420		
2,200.0	2,186.5	2,185.5	2,185.5	5.5	4.8	155.10	70.7	25.8	178.4	168.8	9.60	18.588		
2,300.0	2,284.3	2,283.3	2,283.3	5.9	5.0	157.68	70.7	25.8	197.9	187.9	10.05	19.690		
2,400.0	2,382.0	2,381.0	2,381.0	6.3	5.2	159.79	70.7	25.8	217.7	207.2	10.51	20.723		
2,500.0	2,479.7	2,478.7	2,478.7	6.8	5.5	161.55	70.7	25.8	237.8	226.8	10.96	21.688		
2,600.0	2,577.4	2,571.4	2,571.4	7.2	5.7	163.10	70.2	26.6	258.8	247.4	11.40	22.704		
2,700.0	2,675.2	2,661.5	2,661.4	7.6	5.8	164.74	68.4	29.7	282.3	270.5	11.81	23.908		
2,800.0	2,772.9	2,750.2	2,749.9	8.1	6.0	166.43	65.1	35.2	308.6	296.3	12.21	25.265		
2,900.0	2,870.6	2,843.9	2,843.2	8.5	6.2	168.15	60.7	42.7	336.8	324.1	12.63	26.673		
3,000.0	2,968.4	2,939.3	2,938.2	8.9	6.4	169.65	56.1	50.5	365.3	352.2	13.04	28.004		
3,100.0	3,066.1	3,034.8	3,033.2	9.4	6.6	170.92	51.5	58.2	394.0	380.5	13.47	29.254		
3,200.0	3,163.8	3,130.2	3,128.2	9.8	6.8	172.03	46.9	65.9	422.8	408.9	13.90	30.423		
3,300.0	3,261.5	3,225.7	3,223.2	10.3	7.0	172.99	42.4	73.7	451.8	437.5	14.33	31.521		
3,400.0	3,359.3	3,321.1	3,318.3	10.7	7.2	173.84	37.8	81.4	480.9	466.2	14.77	32.552		
3,500.0	3,457.0	3,416.5	3,413.3	11.2	7.4	174.59	33.2	89.1	510.1	494.9	15.22	33.520		
3,600.0	3,554.7	3,512.0	3,508.3	11.6	7.7	175.26	28.7	96.9	539.4	523.7	15.67	34.429		
3,700.0	3,652.4	3,607.4	3,603.3	12.1	7.9	175.86	24.1	104.6	568.7	552.6	16.12	35.285		
3,800.0	3,750.2	3,702.9	3,698.3	12.5	8.1	176.41	19.5	112.3	598.1	581.5	16.57	36.091		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey H-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 H-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
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	-160.22	-28.1	-10.1	29.8					
100.0	100.0	100.0	100.0	0.1	0.1	-160.22	-28.1	-10.1	29.8	29.6	0.22	132.642		
200.0	200.0	200.0	200.0	0.3	0.3	-160.22	-28.1	-10.1	29.8	29.1	0.67	44.214		
300.0	300.0	300.0	300.0	0.6	0.6	-160.22	-28.1	-10.1	29.8	28.7	1.12	26.528		
400.0	400.0	400.0	400.0	0.8	0.8	-160.22	-28.1	-10.1	29.8	28.2	1.57	18.949		
500.0	500.0	500.0	500.0	1.0	1.0	-160.22	-28.1	-10.1	29.8	27.8	2.02	14.738		
600.0	600.0	600.0	600.0	1.2	1.2	-160.22	-28.1	-10.1	29.8	27.3	2.47	12.058		
700.0	700.0	700.0	700.0	1.5	1.5	-160.22	-28.1	-10.1	29.8	26.9	2.92	10.203		
800.0	800.0	800.0	800.0	1.7	1.7	-160.22	-28.1	-10.1	29.8	26.4	3.37	8.843 CC, ES		
900.0	900.0	899.6	899.5	1.9	1.9	-157.21	-28.1	-11.8	30.5	26.7	3.81	8.018		
1,000.0	1,000.0	998.9	998.7	2.1	2.1	-149.09	-28.4	-17.0	33.1	28.8	4.23	7.813		
1,100.0	1,100.0	1,097.7	1,097.2	2.4	2.3	-138.39	-28.7	-25.5	38.6	33.9	4.67	8.250		
1,200.0	1,200.0	1,195.9	1,194.6	2.6	2.6	-128.08	-29.3	-37.4	47.8	42.6	5.13	9.313		
1,300.0	1,300.0	1,293.4	1,290.9	2.8	2.8	-39.08	-30.0	-52.4	59.7	54.2	5.55	10.753		
1,400.0	1,399.8	1,391.6	1,387.6	3.0	3.2	-34.74	-30.8	-70.4	72.1	66.1	5.98	12.048		
1,500.0	1,499.5	1,491.1	1,485.3	3.2	3.5	-32.84	-31.6	-88.9	82.1	75.6	6.42	12.789		
1,600.0	1,598.7	1,590.9	1,583.3	3.5	3.9	-32.55	-32.4	-107.4	89.2	82.3	6.87	12.986		
1,700.0	1,697.5	1,690.7	1,681.4	3.7	4.2	-33.46	-33.3	-126.0	93.3	86.0	7.34	12.716		
1,800.0	1,795.6	1,790.7	1,779.6	4.0	4.6	-35.51	-34.1	-144.6	94.7	86.8	7.85	12.061		
1,900.0	1,893.4	1,890.6	1,877.8	4.4	5.0	-38.31	-34.9	-163.2	94.5	86.0	8.44	11.201		
1,954.0	1,946.1	1,944.5	1,930.7	4.6	5.2	-39.83	-35.4	-173.2	94.5	85.7	8.77	10.769		
2,000.0	1,991.1	1,990.5	1,975.9	4.7	5.4	-41.12	-35.8	-181.8	94.5	85.4	9.06	10.424		
2,100.0	2,088.8	2,090.4	2,074.0	5.1	5.8	-43.93	-36.6	-200.3	94.7	85.0	9.73	9.729		
2,200.0	2,186.5	2,190.2	2,172.2	5.5	6.2	-46.71	-37.4	-218.9	95.1	84.7	10.45	9.108		
2,300.0	2,284.3	2,290.1	2,270.3	5.9	6.6	-49.47	-38.3	-237.5	95.8	84.6	11.20	8.556		
2,400.0	2,382.0	2,390.0	2,368.5	6.3	7.0	-52.18	-39.1	-256.1	96.7	84.7	11.99	8.067		
2,500.0	2,479.7	2,489.9	2,466.6	6.8	7.4	-54.83	-39.9	-274.6	97.8	85.0	12.81	7.635		
2,600.0	2,577.4	2,589.8	2,564.8	7.2	7.8	-57.42	-40.8	-293.2	99.1	85.4	13.66	7.254		
2,700.0	2,675.2	2,689.7	2,662.9	7.6	8.2	-59.94	-41.6	-311.8	100.6	86.1	14.54	6.920		
2,800.0	2,772.9	2,789.6	2,761.1	8.1	8.6	-62.38	-42.4	-330.4	102.3	86.9	15.44	6.627		
2,900.0	2,870.6	2,889.5	2,859.2	8.5	9.1	-64.74	-43.3	-349.0	104.2	87.8	16.35	6.370		
3,000.0	2,968.4	2,989.4	2,957.4	8.9	9.5	-67.01	-44.1	-367.5	106.2	88.9	17.28	6.146		
3,100.0	3,066.1	3,089.3	3,055.5	9.4	9.9	-69.19	-44.9	-386.1	108.4	90.2	18.22	5.950		
3,200.0	3,163.8	3,189.2	3,153.6	9.8	10.3	-71.28	-45.8	-404.7	110.7	91.6	19.16	5.779		
3,300.0	3,261.5	3,289.1	3,251.8	10.3	10.7	-73.28	-46.6	-423.3	113.2	93.1	20.11	5.630		
3,400.0	3,359.3	3,389.0	3,349.9	10.7	11.1	-75.19	-47.5	-441.8	115.9	94.8	21.06	5.500		
3,500.0	3,457.0	3,488.8	3,448.1	11.2	11.6	-77.02	-48.3	-460.4	118.6	96.6	22.02	5.387		
3,600.0	3,554.7	3,588.7	3,546.2	11.6	12.0	-78.76	-49.1	-479.0	121.5	98.5	22.97	5.289		
3,700.0	3,652.4	3,688.6	3,644.4	12.1	12.4	-80.43	-50.0	-497.6	124.4	100.5	23.92	5.203		
3,800.0	3,750.2	3,788.5	3,742.5	12.5	12.8	-82.01	-50.8	-516.2	127.5	102.7	24.86	5.129		
3,900.0	3,847.9	3,888.4	3,840.7	13.0	13.2	-83.52	-51.6	-534.7	130.7	104.9	25.80	5.065		
4,000.0	3,945.6	3,988.3	3,938.8	13.5	13.7	-84.95	-52.5	-553.3	133.9	107.2	26.74	5.009		
4,100.0	4,043.3	4,088.2	4,037.0	13.9	14.1	-86.32	-53.3	-571.9	137.3	109.6	27.67	4.960		
4,200.0	4,141.1	4,188.1	4,135.1	14.4	14.5	-87.62	-54.1	-590.5	140.7	112.1	28.60	4.919		
4,300.0	4,238.8	4,288.0	4,233.3	14.8	14.9	-88.86	-55.0	-609.1	144.1	114.6	29.52	4.883		
4,400.0	4,336.5	4,387.9	4,331.4	15.3	15.3	-90.04	-55.8	-627.6	147.7	117.2	30.44	4.852		
4,500.0	4,434.3	4,487.8	4,429.5	15.8	15.8	-91.16	-56.6	-646.2	151.3	119.9	31.35	4.825		
4,600.0	4,532.0	4,587.7	4,527.7	16.2	16.2	-92.23	-57.5	-664.8	154.9	122.7	32.26	4.803		
4,700.0	4,629.7	4,687.6	4,625.8	16.7	16.6	-93.26	-58.3	-683.4	158.6	125.5	33.16	4.784		
4,800.0	4,727.4	4,787.4	4,724.0	17.1	17.0	-94.23	-59.1	-701.9	162.4	128.3	34.05	4.768		
4,900.0	4,825.2	4,887.3	4,822.1	17.6	17.4	-95.16	-60.0	-720.5	166.2	131.2	34.95	4.755		
5,000.0	4,922.9	4,987.2	4,920.3	18.1	17.9	-96.05	-60.8	-739.1	170.0	134.2	35.84	4.744		

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 H-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 H-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
5,100.0	5,020.6	5,087.1	5,018.4	18.5	18.3	-96.90	-61.6	-757.7	173.9	137.2	36.72	4.736	
5,200.0	5,118.3	5,187.0	5,116.6	19.0	18.7	-97.71	-62.5	-776.3	177.8	140.2	37.60	4.729	
5,300.0	5,216.1	5,286.9	5,214.7	19.5	19.1	-98.49	-63.3	-794.8	181.8	143.3	38.48	4.724	
5,400.0	5,313.8	5,386.8	5,312.9	19.9	19.6	-99.24	-64.1	-813.4	185.7	146.4	39.35	4.720	
5,500.0	5,411.5	5,486.7	5,411.0	20.4	20.0	-99.95	-65.0	-832.0	189.8	149.5	40.22	4.718	
5,600.0	5,509.2	5,586.6	5,509.1	20.8	20.4	-100.63	-65.8	-850.6	193.8	152.7	41.08	4.717	
5,700.0	5,607.0	5,686.5	5,607.3	21.3	20.8	-101.29	-66.6	-869.1	197.9	155.9	41.95	4.717	
5,800.0	5,704.7	5,786.4	5,705.4	21.8	21.3	-101.92	-67.5	-887.7	201.9	159.1	42.81	4.718	
5,900.0	5,802.4	5,886.3	5,803.6	22.2	21.7	-102.52	-68.3	-906.3	206.1	162.4	43.66	4.719	
6,000.0	5,900.2	5,986.2	5,901.7	22.7	22.1	-103.10	-69.2	-924.9	210.2	165.7	44.52	4.721	
6,100.0	5,997.9	6,086.0	5,999.9	23.2	22.5	-103.66	-70.0	-943.5	214.4	169.0	45.37	4.724	
6,200.0	6,095.6	6,185.9	6,098.0	23.6	22.9	-104.20	-70.8	-962.0	218.5	172.3	46.22	4.728	
6,300.0	6,193.3	6,285.8	6,196.2	24.1	23.4	-104.71	-71.7	-980.6	222.7	175.7	47.07	4.732	
6,400.0	6,291.1	6,385.7	6,294.3	24.6	23.8	-105.21	-72.5	-999.2	226.9	179.0	47.91	4.736	
6,500.0	6,388.8	6,485.6	6,392.5	25.0	24.2	-105.69	-73.3	-1,017.8	231.2	182.4	48.76	4.741	
6,600.0	6,486.8	6,585.5	6,490.6	25.4	24.6	-105.84	-74.2	-1,036.4	235.0	185.4	49.56	4.741	
6,700.0	6,585.5	6,685.4	6,588.8	25.7	25.1	-105.17	-75.0	-1,054.9	237.8	187.5	50.32	4.726	
6,800.0	6,684.7	6,785.2	6,686.8	26.0	25.5	-103.70	-75.8	-1,073.5	239.9	188.8	51.09	4.696	
6,900.0	6,784.3	6,884.7	6,784.6	26.2	25.9	-101.44	-76.7	-1,092.0	241.4	189.6	51.83	4.657	
7,000.0	6,884.1	6,983.9	6,882.0	26.3	26.3	-98.42	-77.5	-1,110.4	242.8	190.3	52.50	4.624	
7,100.0	6,984.1	7,082.5	6,978.9	26.5	26.7	-94.67	-78.3	-1,128.8	244.5	191.5	53.03	4.610 SF	
7,200.0	7,084.1	7,180.8	7,075.5	26.6	27.2	-172.01	-79.1	-1,147.1	247.3	193.9	53.40	4.631	
7,300.0	7,184.0	7,281.7	7,174.8	26.7	27.5	-168.22	-80.0	-1,164.9	253.1	199.7	53.42	4.738	
7,400.0	7,282.9	7,388.6	7,281.4	26.9	27.7	-167.32	-80.9	-1,171.3	269.2	216.6	52.68	5.110	
7,500.0	7,378.8	7,491.7	7,384.0	27.0	27.7	-169.95	-81.9	-1,162.3	296.0	244.7	51.26	5.774	
7,600.0	7,469.9	7,585.3	7,475.2	27.3	27.6	-174.60	-82.8	-1,141.5	335.0	286.1	48.90	6.851	
7,700.0	7,554.4	7,666.1	7,551.2	27.5	27.5	-179.87	-83.6	-1,114.2	387.8	342.3	45.55	8.514	
7,800.0	7,630.6	7,732.8	7,611.2	27.8	27.3	174.80	-84.2	-1,085.3	454.3	412.8	41.49	10.950	
7,900.0	7,697.0	7,785.8	7,656.9	28.2	27.1	169.26	-84.7	-1,058.3	532.4	495.3	37.16	14.327	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey H-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 H-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
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	-160.46	-14.2	-5.0	15.1	15.1	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-160.46	-14.2	-5.0	15.1	14.9	0.22	67.111		
200.0	200.0	200.0	200.0	0.3	0.3	-160.46	-14.2	-5.0	15.1	14.4	0.67	22.370		
300.0	300.0	300.0	300.0	0.6	0.6	-160.46	-14.2	-5.0	15.1	14.0	1.12	13.422		
400.0	400.0	400.0	400.0	0.8	0.8	-160.46	-14.2	-5.0	15.1	13.5	1.57	9.587		
500.0	500.0	500.0	500.0	1.0	1.0	-160.46	-14.2	-5.0	15.1	13.1	2.02	7.457		
600.0	600.0	600.0	600.0	1.2	1.2	-160.46	-14.2	-5.0	15.1	12.6	2.47	6.101		
700.0	700.0	700.0	700.0	1.5	1.5	-160.46	-14.2	-5.0	15.1	12.2	2.92	5.162		
800.0	800.0	800.0	800.0	1.7	1.7	-160.46	-14.2	-5.0	15.1	11.7	3.37	4.474		
900.0	900.0	900.0	900.0	1.9	1.9	-160.46	-14.2	-5.0	15.1	11.3	3.82	3.948		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-160.46	-14.2	-5.0	15.1	10.8	4.27	3.532 CC, ES		
1,100.0	1,100.0	1,099.8	1,099.8	2.4	2.3	-154.29	-14.1	-6.8	15.6	10.9	4.71	3.320		
1,200.0	1,200.0	1,199.4	1,199.2	2.6	2.6	-138.82	-13.7	-12.0	18.2	13.0	5.14	3.538		
1,300.0	1,300.0	1,298.7	1,298.1	2.8	2.8	-43.51	-13.0	-20.6	23.1	17.5	5.56	4.153		
1,400.0	1,399.8	1,397.7	1,396.4	3.0	3.0	-35.30	-12.0	-32.5	29.0	23.0	5.97	4.848		
1,500.0	1,499.5	1,496.5	1,494.0	3.2	3.3	-30.28	-10.8	-47.8	35.3	28.9	6.39	5.522		
1,600.0	1,598.7	1,595.0	1,590.8	3.5	3.6	-27.12	-9.4	-66.4	41.9	35.1	6.82	6.142		
1,700.0	1,697.5	1,694.0	1,687.3	3.7	4.0	-25.21	-7.7	-88.1	48.3	41.1	7.26	6.659		
1,800.0	1,795.6	1,793.9	1,784.6	4.0	4.3	-25.07	-5.9	-110.6	52.2	44.5	7.72	6.764		
1,900.0	1,893.4	1,893.9	1,882.0	4.4	4.7	-25.94	-4.1	-133.2	54.1	45.9	8.23	6.574		
2,000.0	1,991.1	1,993.9	1,979.4	4.7	5.2	-26.76	-2.3	-155.7	56.0	47.3	8.77	6.387		
2,100.0	2,088.8	2,093.9	2,076.8	5.1	5.6	-27.52	-0.6	-178.2	58.0	48.6	9.33	6.210		
2,200.0	2,186.5	2,193.8	2,174.2	5.5	6.1	-28.24	1.2	-200.7	59.9	50.0	9.91	6.045		
2,300.0	2,284.3	2,293.8	2,271.6	5.9	6.5	-28.91	3.0	-223.2	61.9	51.4	10.50	5.889		
2,400.0	2,382.0	2,393.8	2,369.0	6.3	7.0	-29.54	4.8	-245.7	63.8	52.7	11.11	5.744		
2,500.0	2,479.7	2,493.8	2,466.4	6.8	7.4	-30.13	6.6	-268.2	65.8	54.0	11.73	5.608		
2,600.0	2,577.4	2,593.7	2,563.8	7.2	7.9	-30.69	8.3	-290.8	67.7	55.4	12.36	5.481		
2,700.0	2,675.2	2,693.7	2,661.2	7.6	8.4	-31.21	10.1	-313.3	69.7	56.7	13.00	5.363		
2,800.0	2,772.9	2,793.7	2,758.6	8.1	8.8	-31.71	11.9	-335.8	71.7	58.1	13.65	5.253		
2,900.0	2,870.6	2,893.7	2,856.0	8.5	9.3	-32.18	13.7	-358.3	73.7	59.4	14.31	5.150		
3,000.0	2,968.4	2,993.7	2,953.4	8.9	9.8	-32.62	15.4	-380.8	75.7	60.7	14.98	5.054		
3,100.0	3,066.1	3,093.6	3,050.8	9.4	10.3	-33.05	17.2	-403.3	77.7	62.0	15.65	4.964		
3,200.0	3,163.8	3,193.6	3,148.2	9.8	10.7	-33.45	19.0	-425.9	79.7	63.4	16.33	4.880		
3,300.0	3,261.5	3,293.6	3,245.5	10.3	11.2	-33.83	20.8	-448.4	81.7	64.7	17.02	4.801		
3,400.0	3,359.3	3,393.6	3,342.9	10.7	11.7	-34.19	22.5	-470.9	83.7	66.0	17.71	4.726		
3,500.0	3,457.0	3,493.5	3,440.3	11.2	12.2	-34.54	24.3	-493.4	85.7	67.3	18.40	4.657		
3,600.0	3,554.7	3,593.5	3,537.7	11.6	12.7	-34.87	26.1	-515.9	87.7	68.6	19.11	4.591		
3,700.0	3,652.4	3,693.5	3,635.1	12.1	13.2	-35.19	27.9	-538.4	89.7	69.9	19.81	4.529		
3,800.0	3,750.2	3,793.5	3,732.5	12.5	13.7	-35.49	29.6	-560.9	91.8	71.2	20.52	4.471		
3,900.0	3,847.9	3,893.5	3,829.9	13.0	14.1	-35.78	31.4	-583.5	93.8	72.5	21.24	4.416		
4,000.0	3,945.6	3,993.4	3,927.3	13.5	14.6	-36.05	33.2	-606.0	95.8	73.8	21.95	4.364		
4,100.0	4,043.3	4,093.4	4,024.7	13.9	15.1	-36.32	35.0	-628.5	97.8	75.2	22.67	4.314		
4,200.0	4,141.1	4,193.4	4,122.1	14.4	15.6	-36.57	36.7	-651.0	99.9	76.5	23.40	4.268		
4,300.0	4,238.8	4,293.4	4,219.5	14.8	16.1	-36.82	38.5	-673.5	101.9	77.8	24.12	4.223		
4,400.0	4,336.5	4,393.4	4,316.9	15.3	16.6	-37.05	40.3	-696.0	103.9	79.1	24.85	4.181		
4,500.0	4,434.3	4,493.3	4,414.3	15.8	17.1	-37.28	42.1	-718.5	105.9	80.4	25.58	4.141		
4,600.0	4,532.0	4,593.3	4,511.7	16.2	17.6	-37.49	43.9	-741.1	108.0	81.7	26.32	4.103		
4,700.0	4,629.7	4,693.3	4,609.1	16.7	18.0	-37.70	45.6	-763.6	110.0	83.0	27.05	4.067		
4,800.0	4,727.4	4,793.3	4,706.5	17.1	18.5	-37.90	47.4	-786.1	112.1	84.3	27.79	4.032		
4,900.0	4,825.2	4,893.2	4,803.9	17.6	19.0	-38.10	49.2	-808.6	114.1	85.6	28.53	3.999		
5,000.0	4,922.9	4,993.2	4,901.2	18.1	19.5	-38.29	51.0	-831.1	116.1	86.9	29.27	3.967		
5,100.0	5,020.6	5,093.2	4,998.6	18.5	20.0	-38.47	52.7	-853.6	118.2	88.2	30.02	3.937		

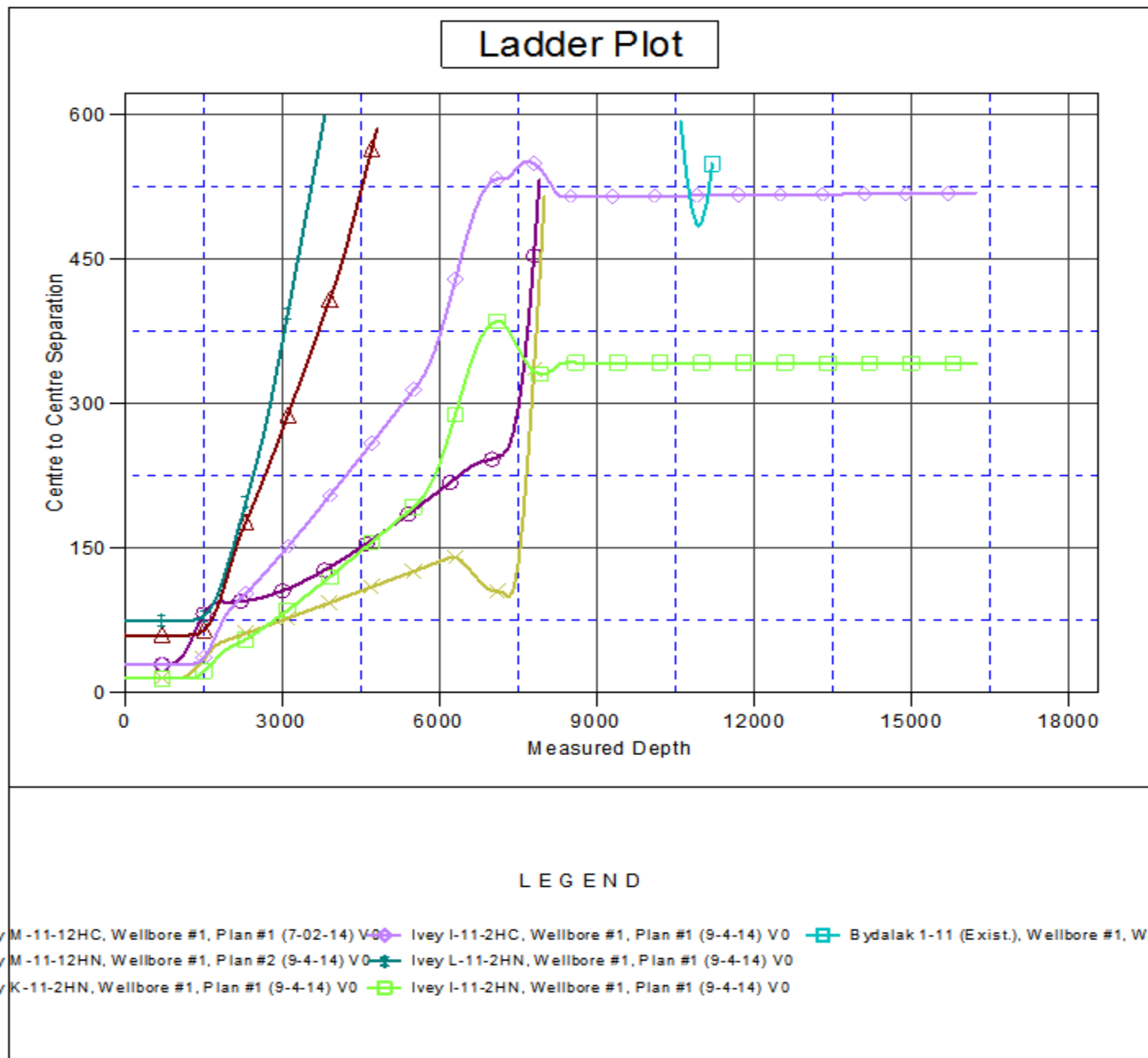
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey H-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 H-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						
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	5,118.3	5,193.2	5,096.0	19.0	20.5	-38.64	54.5	-876.1	120.2	89.5	30.76	3.908	
5,300.0	5,216.1	5,293.2	5,193.4	19.5	21.0	-38.81	56.3	-898.7	122.3	90.8	31.51	3.880	
5,400.0	5,313.8	5,393.1	5,290.8	19.9	21.5	-38.97	58.1	-921.2	124.3	92.1	32.26	3.854	
5,500.0	5,411.5	5,493.1	5,388.2	20.4	22.0	-39.13	59.8	-943.7	126.4	93.3	33.01	3.828	
5,600.0	5,509.2	5,593.1	5,485.6	20.8	22.5	-39.29	61.6	-966.2	128.4	94.6	33.76	3.804	
5,700.0	5,607.0	5,693.1	5,583.0	21.3	23.0	-39.43	63.4	-988.7	130.5	95.9	34.51	3.780	
5,800.0	5,704.7	5,793.1	5,680.4	21.8	23.4	-39.58	65.2	-1,011.2	132.5	97.2	35.26	3.758	
5,900.0	5,802.4	5,893.0	5,777.8	22.2	23.9	-39.72	66.9	-1,033.7	134.5	98.5	36.02	3.736	
6,000.0	5,900.2	5,993.0	5,875.2	22.7	24.4	-39.85	68.7	-1,056.3	136.6	99.8	36.77	3.715	
6,100.0	5,997.9	6,093.0	5,972.6	23.2	24.9	-39.98	70.5	-1,078.8	138.6	101.1	37.53	3.695	
6,200.0	6,095.6	6,193.7	6,070.7	23.6	25.4	-40.13	72.3	-1,101.4	140.7	102.4	38.28	3.674	
6,300.0	6,193.3	6,297.8	6,172.6	24.1	25.8	-40.87	73.9	-1,122.3	140.7	101.6	39.18	3.592	
6,400.0	6,291.1	6,401.7	6,275.1	24.6	26.1	-42.57	75.3	-1,139.6	138.0	97.6	40.36	3.419	
6,500.0	6,388.8	6,505.1	6,377.6	25.0	26.3	-45.38	76.4	-1,153.0	132.6	90.7	41.90	3.166	
6,600.0	6,486.8	6,607.9	6,480.0	25.4	26.6	-48.94	77.1	-1,162.7	126.1	82.5	43.60	2.892	
6,700.0	6,585.5	6,710.4	6,582.3	25.7	26.7	-52.81	77.6	-1,168.7	119.8	74.6	45.28	2.647	
6,800.0	6,684.7	6,812.5	6,684.3	26.0	26.8	-57.04	77.8	-1,171.1	114.0	67.0	46.94	2.428	
6,900.0	6,784.3	6,912.4	6,784.3	26.2	27.0	-61.02	77.8	-1,171.1	109.2	60.8	48.39	2.257	
7,000.0	6,884.1	7,012.3	6,884.1	26.3	27.1	-63.70	77.8	-1,171.1	106.5	57.1	49.38	2.157	
7,100.0	6,984.1	7,112.2	6,984.1	26.5	27.2	-64.80	77.8	-1,171.1	105.5	55.6	49.91	2.114	
7,200.0	7,084.1	7,215.9	7,087.7	26.6	27.3	-147.04	77.8	-1,169.6	104.7	54.4	50.36	2.080	
7,300.0	7,184.0	7,322.4	7,193.1	26.7	27.3	-155.14	77.7	-1,154.9	99.6	47.7	51.95	1.918	
7,319.0	7,202.9	7,342.0	7,212.1	26.7	27.2	-157.86	77.7	-1,150.4	99.4	47.1	52.32	1.900 SF	
7,400.0	7,282.9	7,421.5	7,288.1	26.9	27.1	-172.16	77.6	-1,127.2	105.3	52.5	52.85	1.993	
7,500.0	7,378.8	7,508.8	7,368.0	27.0	26.9	170.12	77.5	-1,092.0	134.3	84.1	50.23	2.674	
7,600.0	7,469.9	7,582.8	7,431.9	27.3	26.7	156.64	77.4	-1,054.9	186.7	140.8	45.86	4.071	
7,700.0	7,554.4	7,643.5	7,481.2	27.5	26.5	146.16	77.3	-1,019.5	255.9	214.2	41.60	6.150	
7,800.0	7,630.6	7,692.1	7,518.5	27.8	26.4	136.22	77.2	-988.3	336.1	297.8	38.27	8.782	
7,900.0	7,697.0	7,730.1	7,546.1	28.2	26.3	124.62	77.1	-962.1	423.6	386.9	36.72	11.538	
8,000.0	7,752.4	7,759.0	7,566.1	28.7	26.2	109.34	77.0	-941.3	515.6	478.1	37.52	13.744	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey H-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 H-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 H-11-2HN
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000 °
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.35°



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Ivey H-11-2HN
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Reference Well:	Ivey H-11-2HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
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