

# Bayswater Exploration & Production, LLC

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

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

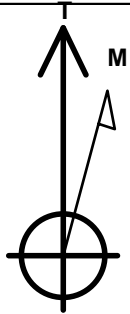
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 5107.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1234283.03	3149820.19	39.975251	-104.965412	
		RKB - 22.5'	WELL @ 5129.5ft (RKB - 22.5')			

## WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1176'FSL, 1679'FEL, SEC.11	1.0	0.0	0.0	Point
BHL 465'FNL, 1180'FEL, SEC.2	7738.0	8670.0	525.9	Point
LANDING PT. 1785'FSL, 1180'FEL, SEC.11	7753.0	608.4	498.6	Point



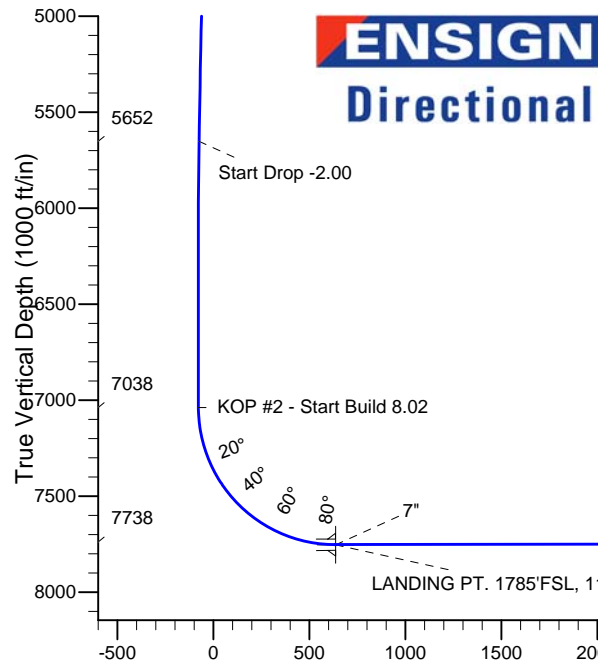
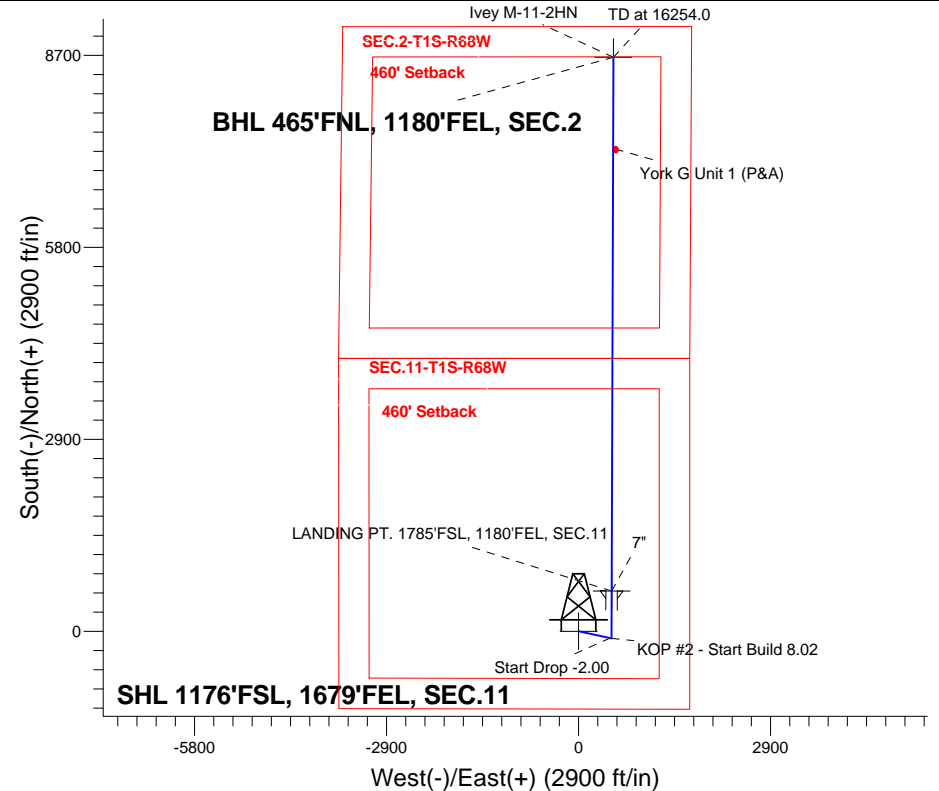
Azimuths to True North  
Magnetic North: 8.52°

Magnetic Field  
Strength: 52561.0srT  
Dip Angle: 66.57°  
Date: 7/10/2014  
Model: IGRF2010

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

## ANNOTATIONS

TVD	MD	Annotation
1500.0	1500.0	KOP - Start Build 2.00
5652.2	5681.4	Start Drop -2.00
7038.4	7068.5	KOP #2 - Start Build 8.02
7738.0	16254.0	TD at 16254.0



## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1848.7	6.97	102.24	1847.8	-4.5	20.7	2.00	102.24	-3.2	
4	5681.4	6.97	102.24	5652.2	-103.1	475.5	0.00	0.00	-74.1	
5	6030.1	0.00	0.00	6000.0	-107.6	496.2	2.00	180.00	-77.4	
6	7068.5	0.00	0.00	7038.4	-107.6	496.2	0.00	0.00	-77.4	
7	8192.3	90.11	0.19	7753.0	608.4	498.6	8.02	0.19	637.4	
8	8192.3	90.11	0.19	7753.0	608.4	498.6	0.00	0.00	637.4	LANDING PT. 1785'FSL, 1180'FEL, SEC.11
9	8192.8	90.11	0.19	7753.0	608.9	498.6	1.00	133.04	637.9	
10	16254.0	90.11	0.19	7738.0	8670.0	525.9	0.00	0.00	8685.9	BHL 465'FNL, 1180'FEL, SEC.2

**BHL 465'FNL, 1180'FEL, SEC.2**

TD at 16254.0



# **Bayswater Exploration & Production, LLC**

**SEC.11-T1S-R68W**

**Ivey Pad Sec.11-T1S-R68W**

**Ivey M-11-2HN**

**Wellbore #1**

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

## **Standard Planning Report**

**05 September, 2014**



**BAYSWATER**  
**EXPLORATION & PRODUCTION, LLC**

<b>Database:</b>	landmark	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Project:</b>	SEC.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>North Reference:</b>	True
<b>Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (9-4-14)		

<b>Project</b>	SEC.11-T1S-R68W, Weld County, Colorado		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		Using Well Reference Point
<b>Map Zone:</b>	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 M-11-2HN					
Well Position	+N-S	-0.4 ft	Northing:	1,234,283.03 ft	Latitude:	39.975251
	+E-W	15.1 ft	Easting:	3,149,820.19 ft	Longitude:	-104.965412
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,107.0 ft

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

<b>Design</b>	Plan #1 (9-4-14)			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	3.47

<b>Plan Sections</b>										
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	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,848.7	6.97	102.24	1,847.8	-4.5	20.7	2.00	2.00	0.00	102.24	
5,681.4	6.97	102.24	5,652.2	-103.1	475.5	0.00	0.00	0.00	0.00	
6,030.1	0.00	0.00	6,000.0	-107.6	496.2	2.00	-2.00	0.00	180.00	
7,068.5	0.00	0.00	7,038.4	-107.6	496.2	0.00	0.00	0.00	0.00	
8,192.3	90.11	0.19	7,753.0	608.4	498.6	8.02	8.02	0.00	0.19	
8,192.3	90.11	0.19	7,753.0	608.4	498.6	0.00	0.00	0.00	0.00	LANDING PT. 1785
8,192.8	90.11	0.19	7,753.0	608.9	498.6	1.00	-0.68	0.73	133.04	
16,254.0	90.11	0.19	7,738.0	8,670.0	525.9	0.00	0.00	0.00	0.00	BHL 465'FNL, 1180

<b>Database:</b>	landmark	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Project:</b>	SEC.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>North Reference:</b>	True
<b>Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>KOP - Start Build 2.00</b>									
1,600.0	2.00	102.24	1,600.0	-0.4	1.7	-0.3	2.00	2.00	0.00
1,700.0	4.00	102.24	1,699.8	-1.5	6.8	-1.1	2.00	2.00	0.00
1,800.0	6.00	102.24	1,799.5	-3.3	15.3	-2.4	2.00	2.00	0.00
1,848.7	6.97	102.24	1,847.8	-4.5	20.7	-3.2	2.00	2.00	0.00
1,900.0	6.97	102.24	1,898.8	-5.8	26.8	-4.2	0.00	0.00	0.00
2,000.0	6.97	102.24	1,998.0	-8.4	38.7	-6.0	0.00	0.00	0.00
2,100.0	6.97	102.24	2,097.3	-11.0	50.5	-7.9	0.00	0.00	0.00
2,200.0	6.97	102.24	2,196.5	-13.5	62.4	-9.7	0.00	0.00	0.00
2,300.0	6.97	102.24	2,295.8	-16.1	74.3	-11.6	0.00	0.00	0.00
2,400.0	6.97	102.24	2,395.1	-18.7	86.1	-13.4	0.00	0.00	0.00
2,500.0	6.97	102.24	2,494.3	-21.3	98.0	-15.3	0.00	0.00	0.00
2,600.0	6.97	102.24	2,593.6	-23.8	109.9	-17.1	0.00	0.00	0.00
2,700.0	6.97	102.24	2,692.8	-26.4	121.7	-19.0	0.00	0.00	0.00
2,800.0	6.97	102.24	2,792.1	-29.0	133.6	-20.8	0.00	0.00	0.00
2,900.0	6.97	102.24	2,891.4	-31.5	145.5	-22.7	0.00	0.00	0.00
3,000.0	6.97	102.24	2,990.6	-34.1	157.3	-24.5	0.00	0.00	0.00
3,100.0	6.97	102.24	3,089.9	-36.7	169.2	-26.4	0.00	0.00	0.00
3,200.0	6.97	102.24	3,189.1	-39.3	181.1	-28.2	0.00	0.00	0.00
3,300.0	6.97	102.24	3,288.4	-41.8	192.9	-30.1	0.00	0.00	0.00
3,400.0	6.97	102.24	3,387.7	-44.4	204.8	-31.9	0.00	0.00	0.00
3,500.0	6.97	102.24	3,486.9	-47.0	216.7	-33.8	0.00	0.00	0.00
3,600.0	6.97	102.24	3,586.2	-49.6	228.5	-35.6	0.00	0.00	0.00
3,700.0	6.97	102.24	3,685.4	-52.1	240.4	-37.5	0.00	0.00	0.00
3,800.0	6.97	102.24	3,784.7	-54.7	252.2	-39.3	0.00	0.00	0.00
3,900.0	6.97	102.24	3,884.0	-57.3	264.1	-41.2	0.00	0.00	0.00
4,000.0	6.97	102.24	3,983.2	-59.8	276.0	-43.0	0.00	0.00	0.00
4,100.0	6.97	102.24	4,082.5	-62.4	287.8	-44.9	0.00	0.00	0.00
4,200.0	6.97	102.24	4,181.7	-65.0	299.7	-46.7	0.00	0.00	0.00
4,300.0	6.97	102.24	4,281.0	-67.6	311.6	-48.6	0.00	0.00	0.00
4,400.0	6.97	102.24	4,380.3	-70.1	323.4	-50.4	0.00	0.00	0.00
4,500.0	6.97	102.24	4,479.5	-72.7	335.3	-52.3	0.00	0.00	0.00
4,600.0	6.97	102.24	4,578.8	-75.3	347.2	-54.1	0.00	0.00	0.00
4,700.0	6.97	102.24	4,678.0	-77.9	359.0	-56.0	0.00	0.00	0.00
4,800.0	6.97	102.24	4,777.3	-80.4	370.9	-57.8	0.00	0.00	0.00
4,900.0	6.97	102.24	4,876.6	-83.0	382.8	-59.7	0.00	0.00	0.00
5,000.0	6.97	102.24	4,975.8	-85.6	394.6	-61.5	0.00	0.00	0.00
5,100.0	6.97	102.24	5,075.1	-88.1	406.5	-63.4	0.00	0.00	0.00

<b>Database:</b>	landmark	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Project:</b>	SEC.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>North Reference:</b>	True
<b>Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	6.97	102.24	5,174.3	-90.7	418.4	-65.2	0.00	0.00	0.00
5,300.0	6.97	102.24	5,273.6	-93.3	430.2	-67.1	0.00	0.00	0.00
5,400.0	6.97	102.24	5,372.9	-95.9	442.1	-68.9	0.00	0.00	0.00
5,500.0	6.97	102.24	5,472.1	-98.4	454.0	-70.8	0.00	0.00	0.00
5,600.0	6.97	102.24	5,571.4	-101.0	465.8	-72.6	0.00	0.00	0.00
5,681.4	6.97	102.24	5,652.2	-103.1	475.5	-74.1	0.00	0.00	0.00
Start Drop -2.00									
5,700.0	6.60	102.24	5,670.7	-103.6	477.6	-74.5	2.00	-2.00	0.00
5,800.0	4.60	102.24	5,770.2	-105.6	487.2	-76.0	2.00	-2.00	0.00
5,900.0	2.60	102.24	5,870.0	-107.0	493.3	-76.9	2.00	-2.00	0.00
6,000.0	0.60	102.24	5,969.9	-107.6	496.0	-77.3	2.00	-2.00	0.00
6,030.1	0.00	0.00	6,000.0	-107.6	496.2	-77.4	2.00	-2.00	0.00
6,100.0	0.00	0.00	6,069.9	-107.6	496.2	-77.4	0.00	0.00	0.00
6,200.0	0.00	0.00	6,169.9	-107.6	496.2	-77.4	0.00	0.00	0.00
6,300.0	0.00	0.00	6,269.9	-107.6	496.2	-77.4	0.00	0.00	0.00
6,400.0	0.00	0.00	6,369.9	-107.6	496.2	-77.4	0.00	0.00	0.00
6,500.0	0.00	0.00	6,469.9	-107.6	496.2	-77.4	0.00	0.00	0.00
6,600.0	0.00	0.00	6,569.9	-107.6	496.2	-77.4	0.00	0.00	0.00
6,700.0	0.00	0.00	6,669.9	-107.6	496.2	-77.4	0.00	0.00	0.00
6,800.0	0.00	0.00	6,769.9	-107.6	496.2	-77.4	0.00	0.00	0.00
6,900.0	0.00	0.00	6,869.9	-107.6	496.2	-77.4	0.00	0.00	0.00
7,000.0	0.00	0.00	6,969.9	-107.6	496.2	-77.4	0.00	0.00	0.00
7,068.5	0.00	0.00	7,038.4	-107.6	496.2	-77.4	0.00	0.00	0.00
KOP #2 - Start Build 8.02									
7,100.0	2.53	0.19	7,069.9	-106.9	496.2	-76.7	8.02	8.02	0.00
7,200.0	10.55	0.19	7,169.2	-95.5	496.2	-65.3	8.02	8.02	0.00
7,300.0	18.56	0.19	7,265.9	-70.4	496.3	-40.2	8.02	8.02	0.00
7,400.0	26.58	0.19	7,358.2	-32.1	496.5	-2.0	8.02	8.02	0.00
7,500.0	34.60	0.19	7,444.2	18.8	496.6	48.8	8.02	8.02	0.00
7,600.0	42.62	0.19	7,522.3	81.1	496.8	111.1	8.02	8.02	0.00
7,700.0	50.63	0.19	7,590.9	153.8	497.1	183.6	8.02	8.02	0.00
7,800.0	58.65	0.19	7,648.7	235.2	497.3	264.9	8.02	8.02	0.00
7,900.0	66.67	0.19	7,694.6	324.0	497.6	353.5	8.02	8.02	0.00
8,000.0	74.69	0.19	7,727.6	418.3	497.9	447.7	8.02	8.02	0.00
8,100.0	82.71	0.19	7,747.2	516.3	498.3	545.5	8.02	8.02	0.00
8,192.3	90.11	0.19	7,753.0	608.3	498.6	637.4	8.02	8.02	0.00
7"									
8,192.8	90.11	0.19	7,753.0	608.9	498.6	637.9	0.68	-0.06	0.67
8,200.0	90.11	0.19	7,753.0	616.0	498.6	645.1	0.00	0.00	0.00
8,300.0	90.11	0.19	7,752.8	716.0	498.9	744.9	0.00	0.00	0.00
8,400.0	90.11	0.19	7,752.6	816.0	499.3	844.8	0.00	0.00	0.00
8,500.0	90.11	0.19	7,752.4	916.0	499.6	944.6	0.00	0.00	0.00
8,600.0	90.11	0.19	7,752.2	1,016.0	500.0	1,044.4	0.00	0.00	0.00
8,700.0	90.11	0.19	7,752.1	1,116.0	500.3	1,144.3	0.00	0.00	0.00
8,800.0	90.11	0.19	7,751.9	1,216.0	500.6	1,244.1	0.00	0.00	0.00
8,900.0	90.11	0.19	7,751.7	1,316.0	501.0	1,343.9	0.00	0.00	0.00
9,000.0	90.11	0.19	7,751.5	1,416.0	501.3	1,443.8	0.00	0.00	0.00
9,100.0	90.11	0.19	7,751.3	1,516.0	501.7	1,543.6	0.00	0.00	0.00
9,200.0	90.11	0.19	7,751.1	1,616.0	502.0	1,643.4	0.00	0.00	0.00
9,300.0	90.11	0.19	7,750.9	1,716.0	502.3	1,743.3	0.00	0.00	0.00
9,400.0	90.11	0.19	7,750.8	1,816.0	502.7	1,843.1	0.00	0.00	0.00
9,500.0	90.11	0.19	7,750.6	1,916.0	503.0	1,943.0	0.00	0.00	0.00
9,600.0	90.11	0.19	7,750.4	2,016.0	503.3	2,042.8	0.00	0.00	0.00

<b>Database:</b>	landmark	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Project:</b>	SEC.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>North Reference:</b>	True
<b>Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	7,750.2	2,116.0	503.7	2,142.6	0.00	0.00	0.00
9,800.0	90.11	0.19	7,750.0	2,216.0	504.0	2,242.5	0.00	0.00	0.00
9,900.0	90.11	0.19	7,749.8	2,316.0	504.4	2,342.3	0.00	0.00	0.00
10,000.0	90.11	0.19	7,749.6	2,416.0	504.7	2,442.1	0.00	0.00	0.00
10,100.0	90.11	0.19	7,749.5	2,516.0	505.0	2,542.0	0.00	0.00	0.00
10,200.0	90.11	0.19	7,749.3	2,616.0	505.4	2,641.8	0.00	0.00	0.00
10,300.0	90.11	0.19	7,749.1	2,716.0	505.7	2,741.6	0.00	0.00	0.00
10,400.0	90.11	0.19	7,748.9	2,816.0	506.1	2,841.5	0.00	0.00	0.00
10,500.0	90.11	0.19	7,748.7	2,916.0	506.4	2,941.3	0.00	0.00	0.00
10,600.0	90.11	0.19	7,748.5	3,016.0	506.7	3,041.2	0.00	0.00	0.00
10,700.0	90.11	0.19	7,748.3	3,116.0	507.1	3,141.0	0.00	0.00	0.00
10,800.0	90.11	0.19	7,748.1	3,216.0	507.4	3,240.8	0.00	0.00	0.00
10,900.0	90.11	0.19	7,748.0	3,316.0	507.7	3,340.7	0.00	0.00	0.00
11,000.0	90.11	0.19	7,747.8	3,416.0	508.1	3,440.5	0.00	0.00	0.00
11,100.0	90.11	0.19	7,747.6	3,516.0	508.4	3,540.3	0.00	0.00	0.00
11,200.0	90.11	0.19	7,747.4	3,616.0	508.8	3,640.2	0.00	0.00	0.00
11,300.0	90.11	0.19	7,747.2	3,716.0	509.1	3,740.0	0.00	0.00	0.00
11,400.0	90.11	0.19	7,747.0	3,816.0	509.4	3,839.8	0.00	0.00	0.00
11,500.0	90.11	0.19	7,746.8	3,916.0	509.8	3,939.7	0.00	0.00	0.00
11,600.0	90.11	0.19	7,746.7	4,016.0	510.1	4,039.5	0.00	0.00	0.00
11,700.0	90.11	0.19	7,746.5	4,116.0	510.5	4,139.4	0.00	0.00	0.00
11,800.0	90.11	0.19	7,746.3	4,216.0	510.8	4,239.2	0.00	0.00	0.00
11,900.0	90.11	0.19	7,746.1	4,316.0	511.1	4,339.0	0.00	0.00	0.00
12,000.0	90.11	0.19	7,745.9	4,416.0	511.5	4,438.9	0.00	0.00	0.00
12,100.0	90.11	0.19	7,745.7	4,516.0	511.8	4,538.7	0.00	0.00	0.00
12,200.0	90.11	0.19	7,745.5	4,616.0	512.1	4,638.5	0.00	0.00	0.00
12,300.0	90.11	0.19	7,745.4	4,716.0	512.5	4,738.4	0.00	0.00	0.00
12,400.0	90.11	0.19	7,745.2	4,816.0	512.8	4,838.2	0.00	0.00	0.00
12,500.0	90.11	0.19	7,745.0	4,916.0	513.2	4,938.0	0.00	0.00	0.00
12,600.0	90.11	0.19	7,744.8	5,016.0	513.5	5,037.9	0.00	0.00	0.00
12,700.0	90.11	0.19	7,744.6	5,116.0	513.8	5,137.7	0.00	0.00	0.00
12,800.0	90.11	0.19	7,744.4	5,216.0	514.2	5,237.6	0.00	0.00	0.00
12,900.0	90.11	0.19	7,744.2	5,316.0	514.5	5,337.4	0.00	0.00	0.00
13,000.0	90.11	0.19	7,744.1	5,416.0	514.9	5,437.2	0.00	0.00	0.00
13,100.0	90.11	0.19	7,743.9	5,516.0	515.2	5,537.1	0.00	0.00	0.00
13,200.0	90.11	0.19	7,743.7	5,616.0	515.5	5,636.9	0.00	0.00	0.00
13,300.0	90.11	0.19	7,743.5	5,716.0	515.9	5,736.7	0.00	0.00	0.00
13,400.0	90.11	0.19	7,743.3	5,816.0	516.2	5,836.6	0.00	0.00	0.00
13,500.0	90.11	0.19	7,743.1	5,916.0	516.5	5,936.4	0.00	0.00	0.00
13,600.0	90.11	0.19	7,742.9	6,016.0	516.9	6,036.2	0.00	0.00	0.00
13,700.0	90.11	0.19	7,742.8	6,116.0	517.2	6,136.1	0.00	0.00	0.00
13,800.0	90.11	0.19	7,742.6	6,216.0	517.6	6,235.9	0.00	0.00	0.00
13,900.0	90.11	0.19	7,742.4	6,316.0	517.9	6,335.8	0.00	0.00	0.00
14,000.0	90.11	0.19	7,742.2	6,416.0	518.2	6,435.6	0.00	0.00	0.00
14,100.0	90.11	0.19	7,742.0	6,516.0	518.6	6,535.4	0.00	0.00	0.00
14,200.0	90.11	0.19	7,741.8	6,616.0	518.9	6,635.3	0.00	0.00	0.00
14,300.0	90.11	0.19	7,741.6	6,716.0	519.3	6,735.1	0.00	0.00	0.00
14,400.0	90.11	0.19	7,741.4	6,816.0	519.6	6,834.9	0.00	0.00	0.00
14,500.0	90.11	0.19	7,741.3	6,916.0	519.9	6,934.8	0.00	0.00	0.00
14,600.0	90.11	0.19	7,741.1	7,016.0	520.3	7,034.6	0.00	0.00	0.00
14,700.0	90.11	0.19	7,740.9	7,116.0	520.6	7,134.4	0.00	0.00	0.00
14,800.0	90.11	0.19	7,740.7	7,216.0	521.0	7,234.3	0.00	0.00	0.00
14,900.0	90.11	0.19	7,740.5	7,316.0	521.3	7,334.1	0.00	0.00	0.00
15,000.0	90.11	0.19	7,740.3	7,416.0	521.6	7,434.0	0.00	0.00	0.00

<b>Database:</b>	landmark	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Project:</b>	SEC.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>North Reference:</b>	True
<b>Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	7,740.1	7,516.0	522.0	7,533.8	0.00	0.00	0.00	
15,200.0	90.11	0.19	7,740.0	7,616.0	522.3	7,633.6	0.00	0.00	0.00	
15,300.0	90.11	0.19	7,739.8	7,716.0	522.6	7,733.5	0.00	0.00	0.00	
15,400.0	90.11	0.19	7,739.6	7,816.0	523.0	7,833.3	0.00	0.00	0.00	
15,500.0	90.11	0.19	7,739.4	7,916.0	523.3	7,933.1	0.00	0.00	0.00	
15,600.0	90.11	0.19	7,739.2	8,016.0	523.7	8,033.0	0.00	0.00	0.00	
15,700.0	90.11	0.19	7,739.0	8,116.0	524.0	8,132.8	0.00	0.00	0.00	
15,800.0	90.11	0.19	7,738.8	8,216.0	524.3	8,232.6	0.00	0.00	0.00	
15,900.0	90.11	0.19	7,738.7	8,316.0	524.7	8,332.5	0.00	0.00	0.00	
16,000.0	90.11	0.19	7,738.5	8,416.0	525.0	8,432.3	0.00	0.00	0.00	
16,100.0	90.11	0.19	7,738.3	8,516.0	525.4	8,532.2	0.00	0.00	0.00	
16,200.0	90.11	0.19	7,738.1	8,616.0	525.7	8,632.0	0.00	0.00	0.00	
16,254.0	90.11	0.19	7,738.0	8,670.0	525.9	8,685.9	0.00	0.00	0.00	
TD at 16254.0										

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										
LANDING PT. 1785'F:	0.00	0.00	7,753.0	608.4	498.6	1,234,894.37	3,150,315.08	39.976921	-104.963633	
- plan hits target										
- Point										
SHL 1176'FSL, 1679'f	0.00	0.00	1.0	0.0	0.0	1,234,283.03	3,149,820.19	39.975251	-104.965412	
- plan hits target										
- Point										
SHL 1175'FSL, 1634'	0.00	0.00	2.0	-0.4	44.8	1,234,282.94	3,149,865.03	39.975250	-104.965252	
- plan misses by 44.8ft at 2.0ft MD (2.0 TVD, 0.0 N, 0.0 E)										
- Point										
BHL 465'FNL, 1180'FI	0.00	0.00	7,738.0	8,670.0	525.9	1,242,955.76	3,150,293.77	39.999051	-104.963535	
- plan hits target										
- Point										

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")		
8,192.3	7,753.0	7"	7	7-1/2		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
1,500.0	1,500.0	0.0	0.0	KOP - Start Build 2.00	
5,681.4	5,652.2	-103.1	475.5	Start Drop -2.00	
7,068.5	7,038.4	-107.6	496.2	KOP #2 - Start Build 8.02	
16,254.0	7,738.0	8,670.0	525.9	TD at 16254.0	



# **Bayswater Exploration & Production, LLC**

**SEC.11-T1S-R68W**

**Ivey Pad Sec.11-T1S-R68W**

**Ivey M-11-2HN**

**Wellbore #1**

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

## **Anticollision Report**

**05 September, 2014**



**BAYSWATER**  
**EXPLORATION & PRODUCTION, LLC**



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

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

<b>Survey Tool Program</b>	<b>Date</b> 9/5/2014			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.0	16,254.0	Plan #1 (9-4-14) (Wellbore #1)	MWD	MWD - Standard

<b>Summary</b>						
<b>Site Name</b>	<b>Reference Measured Depth (ft)</b>	<b>Offset Measured Depth (ft)</b>	<b>Distance Between Centres (ft)</b>	<b>Distance Between Ellipses (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>
<b>Offset Well - Wellbore - Design</b>						
Existing Pad Sec.11-T1S-R68W						
York G Unit 1 (P&A) - Wellbore #1 - Wellbore #1	14,865.1	7,731.1	35.8	-259.3	0.121	Level 1, CC, ES, SF
Ivey Pad Sec.11-T1S-R68W						
Ivey L-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	1,500.0	1,500.0	15.1	8.6	2.323	CC, ES
Ivey L-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	16,254.0	16,323.8	342.1	17.8	1.055	Level 2, SF
Ivey M-11-12HN - Wellbore #1 - Plan #2 (9-4-14)	966.3	967.3	96.2	92.1	23.344	CC
Ivey M-11-12HN - Wellbore #1 - Plan #2 (9-4-14)	1,000.0	1,001.0	96.2	91.9	22.518	ES
Ivey M-11-12HN - Wellbore #1 - Plan #2 (9-4-14)	7,687.6	9,286.2	220.0	173.9	4.773	SF
Ivey M-11-2HC - Wellbore #1 - Plan #1 (9-4-14)	1,000.0	999.0	14.9	10.6	3.480	CC, ES
Ivey M-11-2HC - Wellbore #1 - Plan #1 (9-4-14)	16,254.0	16,497.5	297.9	86.7	1.410	Level 3, SF
Ivey N-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	800.0	799.0	30.0	26.6	8.901	CC
Ivey N-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	16,254.0	16,282.7	330.0	-3.9	0.988	Level 1, ES, SF
Ivey O-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	400.0	399.0	44.8	43.3	28.543	CC, ES
Ivey O-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	5,700.0	5,665.4	475.9	448.7	17.493	SF
Ivey P-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	200.0	199.0	60.0	59.3	89.246	CC, ES
Ivey P-11-2HN - Wellbore #1 - Plan #1 (9-4-14)	4,100.0	4,036.2	594.6	575.0	30.210	SF

Offset Design Existing Pad Sec.11-T1S-R68W - York G Unit 1 (P&A) - Wellbore #1 - Wellbore #1												Offset Site Error: 0.0 ft	
Survey Program: 8820-UNKNOWN												Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)		
14,300.0	7,741.6	7,732.1	7,732.1	130.0	154.6	91.68	7,281.0	557.0	566.3	282.0	284.26	1.992	
14,400.0	7,741.4	7,731.9	7,731.9	131.9	154.6	91.38	7,281.0	557.0	466.5	180.3	286.20	1.630	
14,500.0	7,741.3	7,731.8	7,731.8	133.8	154.6	91.09	7,281.0	557.0	366.9	78.7	288.13	1.273	Level 3
14,600.0	7,741.1	7,731.6	7,731.6	135.7	154.6	90.79	7,281.0	557.0	267.5	-22.5	290.05	0.922	Level 1
14,700.0	7,740.9	7,731.4	7,731.4	137.6	154.6	90.49	7,281.0	557.0	169.0	-123.0	291.97	0.579	Level 1
14,800.0	7,740.7	7,731.2	7,731.2	139.5	154.6	90.19	7,281.0	557.0	74.3	-219.6	293.88	0.253	Level 1
14,865.1	7,740.6	7,731.1	7,731.1	140.7	154.6	90.00	7,281.0	557.0	35.8	-259.3	295.13	0.121	Level 1, CC, ES, SF
14,900.0	7,740.5	7,731.0	7,731.0	141.4	154.6	89.90	7,281.0	557.0	50.0	-245.8	295.79	0.169	Level 1
15,000.0	7,740.3	7,730.8	7,730.8	143.3	154.6	89.60	7,281.0	557.0	139.6	-158.1	297.69	0.469	Level 1
15,100.0	7,740.1	7,730.6	7,730.6	145.1	154.6	89.30	7,281.0	557.0	237.6	-62.0	299.58	0.793	Level 1
15,200.0	7,740.0	7,730.5	7,730.5	147.0	154.6	89.00	7,281.0	557.0	336.8	35.3	301.46	1.117	Level 2
15,300.0	7,739.8	7,730.3	7,730.3	148.9	154.6	88.71	7,281.0	557.0	436.4	133.0	303.34	1.439	Level 3

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Existing Pad Sec.11-T1S-R68W - York G Unit 1 (P&A) - Wellbore #1 - Wellbore #1												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 8820-UNKNOWN												<b>Offset Well Error:</b>	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	7,739.6	7,730.1	7,730.1	150.8	154.6	88.41	7,281.0	557.0	536.1	230.9	305.21	1.756	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	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	-88.62	0.4	-15.1	15.1	15.1	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-88.62	0.4	-15.1	15.1	14.9	0.22	67.353		
200.0	200.0	200.0	200.0	0.3	0.3	-88.62	0.4	-15.1	15.1	14.5	0.67	22.451		
300.0	300.0	300.0	300.0	0.6	0.6	-88.62	0.4	-15.1	15.1	14.0	1.12	13.471		
400.0	400.0	400.0	400.0	0.8	0.8	-88.62	0.4	-15.1	15.1	13.6	1.57	9.622		
500.0	500.0	500.0	500.0	1.0	1.0	-88.62	0.4	-15.1	15.1	13.1	2.02	7.484		
600.0	600.0	600.0	600.0	1.2	1.2	-88.62	0.4	-15.1	15.1	12.7	2.47	6.123		
700.0	700.0	700.0	700.0	1.5	1.5	-88.62	0.4	-15.1	15.1	12.2	2.92	5.181		
800.0	800.0	800.0	800.0	1.7	1.7	-88.62	0.4	-15.1	15.1	11.8	3.37	4.490		
900.0	900.0	900.0	900.0	1.9	1.9	-88.62	0.4	-15.1	15.1	11.3	3.82	3.962		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-88.62	0.4	-15.1	15.1	10.9	4.27	3.545		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-88.62	0.4	-15.1	15.1	10.4	4.72	3.207		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-88.62	0.4	-15.1	15.1	10.0	5.17	2.928		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	-88.62	0.4	-15.1	15.1	9.5	5.62	2.694		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	-88.62	0.4	-15.1	15.1	9.1	6.07	2.495		
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	-88.62	0.4	-15.1	15.1	8.6	6.52	2.323 CC, ES		
1,600.0	1,600.0	1,600.0	1,600.0	3.5	3.5	170.26	0.4	-15.1	16.9	9.9	6.95	2.426		
1,700.0	1,699.8	1,699.8	1,699.8	3.7	3.7	172.55	0.4	-15.1	22.0	14.7	7.36	2.995		
1,800.0	1,799.5	1,799.5	1,799.5	3.9	3.9	174.64	0.4	-15.1	30.7	22.9	7.76	3.955		
1,900.0	1,898.8	1,898.8	1,898.8	4.1	4.2	176.11	0.4	-15.1	42.4	34.2	8.17	5.187		
2,000.0	1,998.0	1,998.0	1,998.0	4.3	4.4	176.98	0.4	-15.1	54.5	45.9	8.60	6.339		
2,100.0	2,097.3	2,097.3	2,097.3	4.6	4.6	177.53	0.4	-15.1	66.6	57.6	9.03	7.381		
2,200.0	2,196.5	2,196.5	2,196.5	4.8	4.8	177.91	0.4	-15.1	78.8	69.3	9.46	8.325		
2,300.0	2,295.8	2,295.8	2,295.8	5.1	5.0	178.19	0.4	-15.1	90.9	81.0	9.90	9.184		
2,400.0	2,395.1	2,395.1	2,395.1	5.4	5.3	178.40	0.4	-15.1	103.0	92.7	10.34	9.969		
2,500.0	2,494.3	2,494.3	2,494.3	5.7	5.5	178.57	0.4	-15.1	115.2	104.4	10.78	10.688		
2,600.0	2,593.6	2,597.6	2,597.6	5.9	5.7	178.46	-0.5	-13.7	125.8	114.6	11.21	11.228		
2,700.0	2,692.8	2,701.8	2,701.6	6.2	5.9	177.81	-3.3	-9.0	133.1	121.5	11.62	11.455		
2,800.0	2,792.1	2,804.7	2,804.1	6.5	6.1	176.70	-7.8	-1.4	137.2	125.1	12.03	11.399		
2,900.0	2,891.4	2,904.6	2,903.6	6.8	6.3	175.57	-12.6	6.7	140.6	128.1	12.45	11.290		
3,000.0	2,990.6	3,004.5	3,003.0	7.1	6.5	174.50	-17.3	14.8	144.0	131.2	12.88	11.187		
3,100.0	3,089.9	3,104.4	3,102.5	7.4	6.7	173.47	-22.1	22.9	147.5	134.2	13.31	11.089		
3,200.0	3,189.1	3,204.3	3,202.0	7.7	6.9	172.49	-26.9	31.0	151.1	137.4	13.74	10.996		
3,300.0	3,288.4	3,304.2	3,301.4	8.0	7.2	171.56	-31.7	39.1	154.7	140.5	14.18	10.907		
3,400.0	3,387.7	3,404.1	3,400.9	8.3	7.4	170.67	-36.5	47.2	158.3	143.7	14.63	10.822		
3,500.0	3,486.9	3,504.0	3,500.3	8.6	7.6	169.82	-41.3	55.3	162.0	146.9	15.08	10.742		
3,600.0	3,586.2	3,603.9	3,599.8	8.9	7.9	169.01	-46.1	63.4	165.7	150.2	15.54	10.664		
3,700.0	3,685.4	3,703.8	3,699.3	9.2	8.1	168.23	-50.8	71.5	169.5	153.5	16.00	10.590		
3,800.0	3,784.7	3,803.7	3,798.7	9.5	8.4	167.49	-55.6	79.6	173.2	156.8	16.47	10.520		
3,900.0	3,884.0	3,903.6	3,898.2	9.8	8.6	166.78	-60.4	87.7	177.0	160.1	16.94	10.452		
4,000.0	3,983.2	4,003.5	3,997.6	10.1	8.9	166.10	-65.2	95.8	180.9	163.4	17.41	10.387		
4,100.0	4,082.5	4,103.4	4,097.1	10.4	9.1	165.44	-70.0	103.9	184.7	166.8	17.89	10.324		
4,200.0	4,181.7	4,203.3	4,196.6	10.8	9.4	164.82	-74.8	112.0	188.6	170.2	18.37	10.264		
4,300.0	4,281.0	4,303.2	4,296.0	11.1	9.6	164.22	-79.6	120.1	192.5	173.6	18.86	10.207		
4,400.0	4,380.3	4,403.1	4,395.5	11.4	9.9	163.64	-84.3	128.2	196.4	177.0	19.35	10.151		
4,500.0	4,479.5	4,503.0	4,494.9	11.7	10.1	163.09	-89.1	136.3	200.3	180.5	19.84	10.098		
4,600.0	4,578.8	4,602.9	4,594.4	12.0	10.4	162.55	-93.9	144.4	204.3	183.9	20.33	10.047		
4,700.0	4,678.0	4,702.8	4,693.9	12.3	10.6	162.04	-98.7	152.4	208.2	187.4	20.83	9.997		
4,800.0	4,777.3	4,800.0	4,790.6	12.6	10.9	161.66	-103.0	159.8	212.8	191.4	21.31	9.983		
4,900.0	4,876.6	4,893.2	4,883.7	12.9	11.1	161.77	-105.7	164.3	219.7	198.0	21.75	10.105		
5,000.0	4,975.8	4,986.8	4,977.3	13.3	11.3	162.32	-106.9	166.3	229.3	207.2	22.16	10.351		
5,100.0	5,075.1	5,084.6	5,075.1	13.6	11.5	163.17	-106.9	166.4	240.9	218.3	22.56	10.675		

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	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	
5,200.0	5,174.3	5,183.9	5,174.3	13.9	11.7	163.97	-106.9	166.4	252.5	229.5	22.99	10.986	
5,300.0	5,273.6	5,283.2	5,273.6	14.2	11.9	164.70	-106.9	166.4	264.2	240.8	23.41	11.287	
5,400.0	5,372.9	5,382.4	5,372.9	14.5	12.1	165.36	-106.9	166.4	276.0	252.1	23.84	11.577	
5,500.0	5,472.1	5,481.7	5,472.1	14.8	12.3	165.97	-106.9	166.4	287.7	263.5	24.27	11.856	
5,600.0	5,571.4	5,580.9	5,571.4	15.2	12.5	166.54	-106.9	166.4	299.5	274.8	24.70	12.127	
5,700.0	5,670.7	5,680.2	5,670.7	15.5	12.7	167.06	-106.9	166.4	311.3	286.2	25.14	12.385	
5,800.0	5,770.2	5,779.7	5,770.2	15.7	12.9	167.50	-106.9	166.4	320.8	295.3	25.55	12.558	
5,900.0	5,870.0	5,879.5	5,870.0	15.9	13.1	167.76	-106.9	166.4	326.9	301.0	25.94	12.606	
6,000.0	5,969.9	5,979.5	5,969.9	16.1	13.3	167.87	-106.9	166.4	329.7	303.4	26.30	12.534	
6,100.0	6,069.9	6,079.5	6,069.9	16.2	13.5	-89.88	-106.9	166.4	329.8	303.1	26.70	12.353	
6,200.0	6,169.9	6,179.5	6,169.9	16.4	13.7	-89.88	-106.9	166.4	329.8	302.7	27.11	12.166	
6,300.0	6,269.9	6,279.5	6,269.9	16.6	13.9	-89.88	-106.9	166.4	329.8	302.3	27.52	11.984	
6,400.0	6,369.9	6,379.5	6,369.9	16.7	14.1	-89.88	-106.9	166.4	329.8	301.9	27.93	11.807	
6,500.0	6,469.9	6,479.5	6,469.9	16.9	14.3	-89.88	-106.9	166.4	329.8	301.5	28.35	11.635	
6,600.0	6,569.9	6,579.5	6,569.9	17.1	14.6	-89.88	-106.9	166.4	329.8	301.1	28.76	11.467	
6,700.0	6,669.9	6,679.5	6,669.9	17.3	14.8	-89.88	-106.9	166.4	329.8	300.7	29.18	11.304	
6,800.0	6,769.9	6,779.5	6,769.9	17.4	15.0	-89.88	-106.9	166.4	329.8	300.2	29.60	11.145	
6,900.0	6,869.9	6,879.5	6,869.9	17.6	15.2	-89.88	-106.9	166.4	329.8	299.8	30.01	10.990	
7,000.0	6,969.9	6,979.5	6,969.9	17.8	15.4	-89.88	-106.9	166.4	329.8	299.4	30.43	10.838	
7,051.8	7,021.7	7,031.3	7,021.7	17.9	15.5	-90.18	-106.9	166.4	329.8	299.2	30.65	10.763	
7,100.0	7,069.9	7,079.5	7,069.9	18.0	15.6	-90.20	-106.9	166.4	329.8	299.0	30.85	10.692	
7,200.0	7,169.2	7,179.4	7,169.8	18.1	15.8	-91.96	-105.8	166.4	330.0	298.7	31.30	10.545	
7,300.0	7,265.9	7,281.1	7,270.6	18.3	16.0	-94.13	-92.8	166.4	330.7	299.0	31.71	10.429	
7,400.0	7,358.2	7,384.7	7,370.4	18.4	16.2	-96.22	-65.1	166.5	331.8	299.8	32.07	10.348	
7,500.0	7,444.2	7,490.3	7,466.7	18.5	16.4	-98.20	-22.3	166.6	333.3	300.9	32.40	10.288	
7,600.0	7,522.3	7,597.7	7,557.3	18.7	16.5	-100.01	35.4	166.8	335.0	302.2	32.76	10.224	
7,700.0	7,590.9	7,706.9	7,639.4	18.8	16.7	-101.61	107.2	167.1	336.8	303.5	33.26	10.126	
7,800.0	7,648.7	7,817.8	7,710.7	19.1	17.0	-102.97	192.0	167.3	338.5	304.5	33.99	9.959	
7,900.0	7,694.6	7,930.1	7,768.5	19.5	17.7	-104.05	288.1	167.7	340.1	305.0	35.06	9.700	
8,000.0	7,727.6	8,043.5	7,811.0	20.1	18.5	-104.83	393.1	168.0	341.2	304.7	36.53	9.341	
8,100.0	7,747.2	8,157.7	7,836.5	20.9	19.5	-105.29	504.3	168.4	342.0	303.5	38.44	8.896	
8,200.0	7,753.0	8,271.1	7,844.0	21.8	20.7	-105.42	617.3	168.7	342.2	301.5	40.70	8.407	
8,300.0	7,752.8	8,371.1	7,843.8	22.9	21.8	-105.42	717.3	169.1	342.2	299.2	42.95	7.967	
8,400.0	7,752.6	8,471.1	7,843.6	24.1	23.1	-105.42	817.3	169.4	342.2	296.8	45.40	7.538	
8,500.0	7,752.4	8,571.1	7,843.4	25.4	24.4	-105.42	917.3	169.8	342.2	294.2	48.00	7.128	
8,600.0	7,752.2	8,671.1	7,843.2	26.8	25.8	-105.41	1,017.3	170.1	342.2	291.4	50.75	6.743	
8,700.0	7,752.1	8,771.1	7,843.0	28.2	27.3	-105.41	1,117.3	170.4	342.2	288.6	53.61	6.383	
8,800.0	7,751.9	8,871.1	7,842.8	29.7	28.8	-105.41	1,217.3	170.8	342.2	285.6	56.57	6.049	
8,900.0	7,751.7	8,971.1	7,842.6	31.3	30.4	-105.41	1,317.3	171.1	342.2	282.6	59.62	5.740	
9,000.0	7,751.5	9,071.1	7,842.4	32.8	32.0	-105.41	1,417.3	171.4	342.2	279.4	62.73	5.455	
9,100.0	7,751.3	9,171.1	7,842.2	34.4	33.7	-105.40	1,517.3	171.8	342.2	276.3	65.91	5.192	
9,200.0	7,751.1	9,271.1	7,842.0	36.1	35.3	-105.40	1,617.3	172.1	342.2	273.0	69.14	4.949	
9,300.0	7,750.9	9,371.1	7,841.8	37.7	37.0	-105.40	1,717.3	172.4	342.2	269.8	72.42	4.725	
9,400.0	7,750.8	9,471.1	7,841.6	39.4	38.7	-105.40	1,817.3	172.8	342.2	266.4	75.74	4.518	
9,500.0	7,750.6	9,571.1	7,841.4	41.1	40.5	-105.39	1,917.3	173.1	342.2	263.1	79.09	4.326	
9,600.0	7,750.4	9,671.1	7,841.2	42.9	42.2	-105.39	2,017.3	173.5	342.2	259.7	82.47	4.149	
9,700.0	7,750.2	9,771.1	7,841.0	44.6	44.0	-105.39	2,117.3	173.8	342.2	256.3	85.89	3.984	
9,800.0	7,750.0	9,871.1	7,840.8	46.3	45.7	-105.39	2,217.3	174.1	342.2	252.8	89.32	3.831	
9,900.0	7,749.8	9,971.1	7,840.6	48.1	47.5	-105.39	2,317.3	174.5	342.2	249.4	92.78	3.688	
10,000.0	7,749.6	10,071.1	7,840.4	49.9	49.3	-105.38	2,417.3	174.8	342.2	245.9	96.25	3.555	
10,100.0	7,749.5	10,171.1	7,840.2	51.7	51.1	-105.38	2,517.3	175.1	342.2	242.4	99.74	3.430	
10,200.0	7,749.3	10,271.1	7,840.0	53.5	52.9	-105.38	2,617.3	175.5	342.2	238.9	103.25	3.314	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	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-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
10,300.0	7,749.1	10,371.1	7,839.8	55.3	54.7	-105.38	2,717.3	175.8	342.2	235.4	106.77	3.205	
10,400.0	7,748.9	10,471.1	7,839.6	57.1	56.6	-105.38	2,817.3	176.1	342.2	231.9	110.31	3.102	
10,500.0	7,748.7	10,571.1	7,839.4	58.9	58.4	-105.37	2,917.3	176.5	342.2	228.3	113.85	3.005	
10,600.0	7,748.5	10,671.1	7,839.2	60.7	60.2	-105.37	3,017.3	176.8	342.2	224.7	117.41	2.914	
10,700.0	7,748.3	10,771.1	7,839.0	62.5	62.1	-105.37	3,117.3	177.2	342.2	221.2	120.98	2.828	
10,800.0	7,748.1	10,871.1	7,838.8	64.4	63.9	-105.37	3,217.3	177.5	342.2	217.6	124.55	2.747	
10,900.0	7,748.0	10,971.1	7,838.6	66.2	65.7	-105.37	3,317.3	177.8	342.2	214.0	128.13	2.670	
11,000.0	7,747.8	11,071.1	7,838.4	68.0	67.6	-105.36	3,417.3	178.2	342.2	210.4	131.72	2.598	
11,100.0	7,747.6	11,171.1	7,838.2	69.9	69.4	-105.36	3,517.3	178.5	342.2	206.8	135.32	2.528	
11,200.0	7,747.4	11,271.1	7,838.0	71.7	71.3	-105.36	3,617.3	178.8	342.2	203.2	138.92	2.463	
11,300.0	7,747.2	11,371.1	7,837.8	73.6	73.2	-105.36	3,717.3	179.2	342.1	199.6	142.53	2.401	
11,400.0	7,747.0	11,471.1	7,837.6	75.4	75.0	-105.36	3,817.3	179.5	342.1	196.0	146.14	2.341	
11,500.0	7,746.8	11,571.1	7,837.4	77.3	76.9	-105.35	3,917.3	179.8	342.1	192.4	149.76	2.285	
11,600.0	7,746.7	11,671.1	7,837.2	79.2	78.8	-105.35	4,017.3	180.2	342.1	188.8	153.38	2.231	
11,700.0	7,746.5	11,771.1	7,837.0	81.0	80.6	-105.35	4,117.3	180.5	342.1	185.1	157.01	2.179	
11,800.0	7,746.3	11,871.1	7,836.8	82.9	82.5	-105.35	4,217.3	180.9	342.1	181.5	160.64	2.130	
11,900.0	7,746.1	11,971.1	7,836.6	84.8	84.4	-105.34	4,317.3	181.2	342.1	177.9	164.28	2.083	
12,000.0	7,745.9	12,071.1	7,836.4	86.6	86.2	-105.34	4,417.3	181.5	342.1	174.2	167.92	2.038	
12,100.0	7,745.7	12,171.1	7,836.2	88.5	88.1	-105.34	4,517.3	181.9	342.1	170.6	171.56	1.994	
12,200.0	7,745.5	12,271.1	7,836.0	90.4	90.0	-105.34	4,617.3	182.2	342.1	166.9	175.20	1.953	
12,300.0	7,745.4	12,371.1	7,835.8	92.2	91.9	-105.34	4,717.3	182.5	342.1	163.3	178.85	1.913	
12,400.0	7,745.2	12,471.1	7,835.6	94.1	93.8	-105.33	4,817.3	182.9	342.1	159.6	182.50	1.875	
12,500.0	7,745.0	12,571.1	7,835.4	96.0	95.6	-105.33	4,917.3	183.2	342.1	156.0	186.15	1.838	
12,600.0	7,744.8	12,671.1	7,835.3	97.9	97.5	-105.33	5,017.3	183.5	342.1	152.3	189.81	1.803	
12,700.0	7,744.6	12,771.1	7,835.1	99.8	99.4	-105.33	5,117.3	183.9	342.1	148.7	193.47	1.768	
12,800.0	7,744.4	12,871.1	7,834.9	101.6	101.3	-105.33	5,217.3	184.2	342.1	145.0	197.13	1.736	
12,900.0	7,744.2	12,971.1	7,834.7	103.5	103.2	-105.32	5,317.3	184.6	342.1	141.3	200.79	1.704	
13,000.0	7,744.1	13,071.1	7,834.5	105.4	105.1	-105.32	5,417.3	184.9	342.1	137.7	204.45	1.673	
13,100.0	7,743.9	13,171.1	7,834.3	107.3	107.0	-105.32	5,517.3	185.2	342.1	134.0	208.12	1.644	
13,200.0	7,743.7	13,271.1	7,834.1	109.2	108.9	-105.32	5,617.3	185.6	342.1	130.3	211.78	1.615	
13,300.0	7,743.5	13,371.1	7,833.9	111.1	110.7	-105.32	5,717.3	185.9	342.1	126.7	215.45	1.588	
13,400.0	7,743.3	13,471.1	7,833.7	113.0	112.6	-105.31	5,817.3	186.2	342.1	123.0	219.12	1.561	
13,500.0	7,743.1	13,571.1	7,833.5	114.8	114.5	-105.31	5,917.3	186.6	342.1	119.3	222.80	1.536	
13,600.0	7,742.9	13,671.1	7,833.3	116.7	116.4	-105.31	6,017.3	186.9	342.1	115.7	226.47	1.511	
13,700.0	7,742.8	13,771.1	7,833.1	118.6	118.3	-105.31	6,117.3	187.2	342.1	112.0	230.14	1.487 Level 3	
13,800.0	7,742.6	13,871.1	7,832.9	120.5	120.2	-105.30	6,217.3	187.6	342.1	108.3	233.82	1.463 Level 3	
13,900.0	7,742.4	13,971.1	7,832.7	122.4	122.1	-105.30	6,317.3	187.9	342.1	104.6	237.50	1.441 Level 3	
14,000.0	7,742.2	14,071.1	7,832.5	124.3	124.0	-105.30	6,417.3	188.3	342.1	100.9	241.18	1.419 Level 3	
14,100.0	7,742.0	14,171.1	7,832.3	126.2	125.9	-105.30	6,517.3	188.6	342.1	97.3	244.86	1.397 Level 3	
14,200.0	7,741.8	14,271.1	7,832.1	128.1	127.8	-105.30	6,617.3	188.9	342.1	93.6	248.54	1.377 Level 3	
14,300.0	7,741.6	14,371.1	7,831.9	130.0	129.7	-105.29	6,717.3	189.3	342.1	89.9	252.22	1.356 Level 3	
14,400.0	7,741.4	14,471.1	7,831.7	131.9	131.6	-105.29	6,817.3	189.6	342.1	86.2	255.90	1.337 Level 3	
14,500.0	7,741.3	14,571.1	7,831.5	133.8	133.5	-105.29	6,917.3	189.9	342.1	82.5	259.59	1.318 Level 3	
14,600.0	7,741.1	14,671.1	7,831.3	135.7	135.4	-105.29	7,017.3	190.3	342.1	78.8	263.27	1.299 Level 3	
14,700.0	7,740.9	14,771.1	7,831.1	137.6	137.3	-105.29	7,117.3	190.6	342.1	75.2	266.96	1.282 Level 3	
14,800.0	7,740.7	14,871.1	7,830.9	139.5	139.2	-105.28	7,217.3	190.9	342.1	71.5	270.64	1.264 Level 3	
14,900.0	7,740.5	14,971.1	7,830.7	141.4	141.1	-105.28	7,317.3	191.3	342.1	67.8	274.33	1.247 Level 2	
15,000.0	7,740.3	15,071.1	7,830.5	143.3	143.0	-105.28	7,417.3	191.6	342.1	64.1	278.02	1.231 Level 2	
15,100.0	7,740.1	15,171.1	7,830.3	145.1	144.9	-105.28	7,517.3	192.0	342.1	60.4	281.71	1.214 Level 2	
15,200.0	7,740.0	15,271.1	7,830.1	147.0	146.8	-105.28	7,617.3	192.3	342.1	56.7	285.40	1.199 Level 2	
15,300.0	7,739.8	15,371.1	7,829.9	148.9	148.7	-105.27	7,717.3	192.6	342.1	53.0	289.09	1.183 Level 2	
15,400.0	7,739.6	15,471.1	7,829.7	150.8	150.6	-105.27	7,817.3	193.0	342.1	49.3	292.78	1.168 Level 2	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Ivey Pad Sec.11-T1S-R68W - Ivey L-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	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	7,739.4	15,571.1	7,829.5	152.7	152.5	-105.27	7,917.3	193.3	342.1	45.6	296.47	1.154	Level 2
15,600.0	7,739.2	15,671.1	7,829.3	154.6	154.4	-105.27	8,017.3	193.6	342.1	41.9	300.16	1.140	Level 2
15,700.0	7,739.0	15,771.1	7,829.1	156.5	156.3	-105.26	8,117.3	194.0	342.1	38.2	303.86	1.126	Level 2
15,800.0	7,738.8	15,871.1	7,828.9	158.4	158.2	-105.26	8,217.3	194.3	342.1	34.5	307.55	1.112	Level 2
15,900.0	7,738.7	15,971.1	7,828.7	160.3	160.1	-105.26	8,317.3	194.6	342.1	30.9	311.24	1.099	Level 2
16,000.0	7,738.5	16,071.1	7,828.5	162.2	162.0	-105.26	8,417.3	195.0	342.1	27.2	314.94	1.086	Level 2
16,100.0	7,738.3	16,171.1	7,828.3	164.2	163.9	-105.26	8,517.3	195.3	342.1	23.5	318.63	1.074	Level 2
16,200.0	7,738.1	16,271.1	7,828.1	166.1	165.8	-105.25	8,617.3	195.7	342.1	19.8	322.33	1.061	Level 2
16,240.7	7,738.0	16,311.7	7,828.0	166.8	166.6	-105.25	8,657.9	195.8	342.1	18.3	323.83	1.056	Level 2
16,254.0	7,738.0	16,323.8	7,828.0	167.1	166.8	-105.25	8,670.0	195.8	342.1	17.8	324.30	1.055	Level 2, SF



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	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	1.0	1.0	0.0	0.0	-151.46	-84.5	-46.0	96.2	96.2	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-151.46	-84.5	-46.0	96.2	96.0	0.23	423.815		
200.0	200.0	201.0	201.0	0.3	0.3	-151.46	-84.5	-46.0	96.2	95.5	0.68	142.210		
300.0	300.0	301.0	301.0	0.6	0.6	-151.46	-84.5	-46.0	96.2	95.1	1.13	85.440		
400.0	400.0	401.0	401.0	0.8	0.8	-151.46	-84.5	-46.0	96.2	94.6	1.58	61.063		
500.0	500.0	501.0	501.0	1.0	1.0	-151.46	-84.5	-46.0	96.2	94.2	2.03	47.509		
600.0	600.0	601.0	601.0	1.2	1.2	-151.46	-84.5	-46.0	96.2	93.7	2.47	38.879		
700.0	700.0	701.0	701.0	1.5	1.5	-151.46	-84.5	-46.0	96.2	93.3	2.92	32.902		
800.0	800.0	801.0	801.0	1.7	1.7	-151.46	-84.5	-46.0	96.2	92.8	3.37	28.518		
900.0	900.0	901.0	901.0	1.9	1.9	-151.46	-84.5	-46.0	96.2	92.4	3.82	25.165		
966.3	966.3	967.3	967.3	2.1	2.1	-151.46	-84.5	-46.0	96.2	92.1	4.12	23.344 CC		
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	-151.46	-84.5	-46.0	96.2	91.9	4.27	22.518 ES		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.3	-150.52	-84.4	-47.7	96.9	92.2	4.71	20.592		
1,200.0	1,200.0	1,198.0	1,197.8	2.6	2.6	-147.85	-84.0	-52.8	99.2	94.1	5.13	19.330		
1,300.0	1,300.0	1,295.9	1,295.4	2.8	2.8	-143.71	-83.3	-61.2	103.5	98.0	5.57	18.595		
1,400.0	1,400.0	1,393.1	1,391.9	3.0	3.0	-138.54	-82.4	-72.8	110.3	104.3	6.01	18.362		
1,500.0	1,500.0	1,489.4	1,487.0	3.3	3.3	-132.86	-81.2	-87.5	120.2	113.8	6.47	18.598		
1,600.0	1,600.0	1,584.3	1,580.2	3.5	3.6	130.87	-79.9	-105.2	134.8	127.9	6.93	19.447		
1,700.0	1,699.8	1,677.9	1,671.7	3.7	3.9	137.04	-78.3	-125.5	155.7	148.3	7.36	21.149		
1,800.0	1,799.5	1,773.0	1,764.3	3.9	4.3	142.57	-76.6	-146.9	181.6	173.8	7.78	23.337		
1,900.0	1,898.8	1,867.1	1,856.0	4.1	4.6	147.25	-74.9	-168.1	211.3	203.1	8.19	25.796		
2,000.0	1,998.0	1,961.1	1,947.5	4.3	5.0	150.97	-73.2	-189.2	242.5	233.9	8.61	28.148		
2,100.0	2,097.3	2,055.1	2,039.1	4.6	5.4	153.84	-71.6	-210.4	274.3	265.3	9.04	30.357		
2,200.0	2,196.5	2,149.1	2,130.6	4.8	5.9	156.13	-69.9	-231.5	306.7	297.2	9.46	32.403		
2,300.0	2,295.8	2,243.1	2,222.2	5.1	6.3	157.97	-68.2	-252.7	339.4	329.5	9.90	34.292		
2,400.0	2,395.1	2,337.0	2,313.7	5.4	6.7	159.50	-66.5	-273.9	372.4	362.1	10.33	36.033		
2,500.0	2,494.3	2,431.0	2,405.3	5.7	7.1	160.78	-64.9	-295.0	405.6	394.8	10.78	37.636		
2,600.0	2,593.6	2,525.0	2,496.8	5.9	7.6	161.86	-63.2	-316.2	438.9	427.7	11.22	39.115		
2,700.0	2,692.8	2,619.0	2,588.4	6.2	8.0	162.80	-61.5	-337.4	472.4	460.7	11.67	40.479		
2,800.0	2,792.1	2,712.9	2,679.9	6.5	8.5	163.61	-59.9	-358.5	505.9	493.8	12.12	41.740		
2,900.0	2,891.4	2,806.9	2,771.5	6.8	8.9	164.32	-58.2	-379.7	539.5	527.0	12.57	42.908		
3,000.0	2,990.6	2,900.9	2,863.0	7.1	9.3	164.94	-56.5	-400.9	573.2	560.2	13.03	43.990		
7,200.0	7,169.2	9,287.6	7,751.6	18.1	45.5	169.37	1.8	498.6	589.5	527.7	61.81	9.536		
7,300.0	7,265.9	9,287.2	7,751.6	18.3	45.4	178.89	1.9	498.2	490.0	429.1	60.93	8.042		
7,400.0	7,358.2	9,286.9	7,751.6	18.4	45.4	179.47	1.9	497.9	393.9	335.6	58.27	6.759		
7,500.0	7,444.2	9,286.6	7,751.6	18.5	45.4	179.68	1.9	497.6	306.9	252.2	54.70	5.610		
7,600.0	7,522.3	9,286.4	7,751.6	18.7	45.4	179.79	1.9	497.4	241.7	191.3	50.37	4.798		
7,687.6	7,582.9	9,286.2	7,751.6	18.8	45.4	179.85	1.9	497.1	220.0	173.9	46.08	4.773 SF		
7,700.0	7,590.9	9,286.1	7,751.6	18.8	45.4	179.85	1.9	497.1	220.4	175.0	45.45	4.849		
7,800.0	7,648.7	9,285.9	7,751.6	19.1	45.4	179.90	1.9	496.9	254.7	214.4	40.21	6.333		
7,900.0	7,694.6	9,285.8	7,751.6	19.5	45.4	179.93	1.9	496.8	327.0	292.0	35.00	9.341		
8,000.0	7,727.6	9,285.7	7,751.6	20.1	45.4	179.96	1.9	496.7	417.1	386.7	30.37	13.732		
8,100.0	7,747.2	9,285.6	7,751.6	20.9	45.4	179.97	1.9	496.6	514.4	487.3	27.08	18.995		

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	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
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	90.00	0.0	14.9	14.9	14.9	0.00	N/A		
100.0	100.0	99.0	99.0	0.1	0.1	90.00	0.0	14.9	14.9	14.6	0.22	66.418		
200.0	200.0	199.0	199.0	0.3	0.3	90.00	0.0	14.9	14.9	14.2	0.67	22.103		
300.0	300.0	299.0	299.0	0.6	0.6	90.00	0.0	14.9	14.9	13.7	1.12	13.244		
400.0	400.0	399.0	399.0	0.8	0.8	90.00	0.0	14.9	14.9	13.3	1.57	9.454		
500.0	500.0	499.0	499.0	1.0	1.0	90.00	0.0	14.9	14.9	12.8	2.02	7.351		
600.0	600.0	599.0	599.0	1.2	1.2	90.00	0.0	14.9	14.9	12.4	2.47	6.013		
700.0	700.0	699.0	699.0	1.5	1.5	90.00	0.0	14.9	14.9	11.9	2.92	5.088		
800.0	800.0	799.0	799.0	1.7	1.7	90.00	0.0	14.9	14.9	11.5	3.37	4.409		
900.0	900.0	899.0	899.0	1.9	1.9	90.00	0.0	14.9	14.9	11.0	3.82	3.890		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	90.00	0.0	14.9	14.9	10.6	4.27	3.480 CC, ES		
1,100.0	1,100.0	1,098.5	1,098.4	2.4	2.3	90.97	-0.3	16.5	16.5	11.8	4.70	3.517		
1,200.0	1,200.0	1,197.7	1,197.5	2.6	2.5	92.98	-1.1	21.6	21.7	16.5	5.13	4.225		
1,300.0	1,300.0	1,296.4	1,295.9	2.8	2.8	94.82	-2.5	30.0	30.2	24.7	5.56	5.434		
1,400.0	1,400.0	1,394.7	1,393.4	3.0	3.0	96.13	-4.5	41.6	42.2	36.2	6.02	7.009		
1,500.0	1,500.0	1,493.8	1,491.7	3.3	3.2	96.93	-6.6	54.5	55.4	48.9	6.50	8.524		
1,600.0	1,600.0	1,593.1	1,590.2	3.5	3.5	-4.92	-8.8	67.4	66.8	60.0	6.83	9.782		
1,700.0	1,699.8	1,692.8	1,689.0	3.7	3.8	-4.87	-11.0	80.4	74.9	67.6	7.23	10.348		
1,800.0	1,799.5	1,792.7	1,788.0	3.9	4.1	-5.04	-13.1	93.4	79.4	71.8	7.64	10.396		
1,900.0	1,898.8	1,892.7	1,887.1	4.1	4.4	-5.39	-15.3	106.4	80.9	72.9	8.05	10.047		
2,000.0	1,998.0	1,992.7	1,986.2	4.3	4.7	-5.76	-17.5	119.5	82.0	73.5	8.49	9.664		
2,100.0	2,097.3	2,092.7	2,085.3	4.6	5.0	-6.12	-19.7	132.5	83.1	74.2	8.93	9.313		
2,200.0	2,196.5	2,192.7	2,184.4	4.8	5.3	-6.48	-21.8	145.5	84.3	74.9	9.37	8.991		
2,300.0	2,295.8	2,292.7	2,283.6	5.1	5.6	-6.82	-24.0	158.5	85.4	75.6	9.82	8.693		
2,400.0	2,395.1	2,392.7	2,382.7	5.4	5.9	-7.15	-26.2	171.6	86.5	76.2	10.27	8.419		
2,500.0	2,494.3	2,492.6	2,481.8	5.7	6.2	-7.48	-28.4	184.6	87.6	76.9	10.73	8.166		
2,600.0	2,593.6	2,592.6	2,580.9	5.9	6.6	-7.79	-30.5	197.6	88.8	77.6	11.19	7.931		
2,700.0	2,692.8	2,692.6	2,680.0	6.2	6.9	-8.10	-32.7	210.6	89.9	78.2	11.66	7.713		
2,800.0	2,792.1	2,792.6	2,779.1	6.5	7.2	-8.40	-34.9	223.6	91.0	78.9	12.12	7.510		
2,900.0	2,891.4	2,892.6	2,878.3	6.8	7.5	-8.70	-37.1	236.7	92.2	79.6	12.59	7.321		
3,000.0	2,990.6	2,992.6	2,977.4	7.1	7.9	-8.98	-39.2	249.7	93.3	80.2	13.06	7.144		
3,100.0	3,089.9	3,092.6	3,076.5	7.4	8.2	-9.26	-41.4	262.7	94.5	80.9	13.53	6.979		
3,200.0	3,189.1	3,192.6	3,175.6	7.7	8.5	-9.54	-43.6	275.7	95.6	81.6	14.01	6.824		
3,300.0	3,288.4	3,292.6	3,274.7	8.0	8.8	-9.80	-45.8	288.8	96.7	82.3	14.49	6.678		
3,400.0	3,387.7	3,392.6	3,373.8	8.3	9.2	-10.06	-47.9	301.8	97.9	82.9	14.97	6.541		
3,500.0	3,486.9	3,492.6	3,473.0	8.6	9.5	-10.32	-50.1	314.8	99.0	83.6	15.45	6.412		
3,600.0	3,586.2	3,592.6	3,572.1	8.9	9.8	-10.56	-52.3	327.8	100.2	84.3	15.93	6.291		
3,700.0	3,685.4	3,692.6	3,671.2	9.2	10.2	-10.81	-54.5	340.8	101.4	84.9	16.41	6.176		
3,800.0	3,784.7	3,792.5	3,770.3	9.5	10.5	-11.04	-56.6	353.9	102.5	85.6	16.90	6.067		
3,900.0	3,884.0	3,892.5	3,869.4	9.8	10.8	-11.28	-58.8	366.9	103.7	86.3	17.38	5.964		
4,000.0	3,983.2	3,992.5	3,968.5	10.1	11.2	-11.50	-61.0	379.9	104.8	87.0	17.87	5.866		
4,100.0	4,082.5	4,092.5	4,067.7	10.4	11.5	-11.72	-63.2	392.9	106.0	87.6	18.36	5.773		
4,200.0	4,181.7	4,192.5	4,166.8	10.8	11.8	-11.94	-65.3	405.9	107.2	88.3	18.85	5.685		
4,300.0	4,281.0	4,292.5	4,265.9	11.1	12.1	-12.15	-67.5	419.0	108.3	89.0	19.34	5.601		
4,400.0	4,380.3	4,392.5	4,365.0	11.4	12.5	-12.36	-69.7	432.0	109.5	89.7	19.83	5.521		
4,500.0	4,479.5	4,492.5	4,464.1	11.7	12.8	-12.57	-71.9	445.0	110.6	90.3	20.33	5.444		
4,600.0	4,578.8	4,592.5	4,563.2	12.0	13.1	-12.76	-74.0	458.0	111.8	91.0	20.82	5.371		
4,700.0	4,678.0	4,692.5	4,662.4	12.3	13.5	-12.96	-76.2	471.1	113.0	91.7	21.31	5.301		
4,800.0	4,777.3	4,792.5	4,761.5	12.6	13.8	-13.15	-78.4	484.1	114.2	92.3	21.81	5.234		
4,900.0	4,876.6	4,892.5	4,860.6	12.9	14.1	-13.34	-80.6	497.1	115.3	93.0	22.31	5.170		
5,000.0	4,975.8	4,992.5	4,959.7	13.3	14.5	-13.52	-82.7	510.1	116.5	93.7	22.81	5.109		
5,100.0	5,075.1	5,092.4	5,058.8	13.6	14.8	-13.70	-84.9	523.1	117.7	94.4	23.30	5.050		

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



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	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-MW/D												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	5,174.3	5,192.4	5,157.9	13.9	15.2	-13.88	-87.1	536.2	118.9	95.1	23.80	4.993	
5,300.0	5,273.6	5,292.4	5,257.1	14.2	15.5	-14.05	-89.3	549.2	120.0	95.7	24.30	4.939	
5,400.0	5,372.9	5,392.4	5,356.2	14.5	15.8	-14.22	-91.5	562.2	121.2	96.4	24.80	4.887	
5,500.0	5,472.1	5,492.4	5,455.3	14.8	16.2	-14.38	-93.6	575.2	122.4	97.1	25.31	4.836	
5,600.0	5,571.4	5,592.4	5,554.4	15.2	16.5	-14.55	-95.8	588.3	123.6	97.8	25.81	4.788	
5,700.0	5,670.7	5,692.4	5,653.5	15.5	16.8	-14.70	-98.0	601.3	124.8	98.5	26.31	4.744	
5,800.0	5,770.2	5,792.3	5,752.6	15.7	17.2	-14.60	-100.2	614.3	128.3	101.6	26.74	4.798	
5,900.0	5,870.0	5,892.1	5,851.5	15.9	17.5	-14.15	-102.3	627.3	135.2	108.1	27.12	4.985	
6,000.0	5,969.9	5,993.0	5,951.6	16.1	17.8	-13.44	-104.5	640.3	145.3	117.9	27.45	5.294	
6,100.0	6,069.9	6,097.9	6,055.9	16.2	18.1	89.51	-106.3	651.0	155.3	127.5	27.78	5.591	
6,200.0	6,169.9	6,203.5	6,161.2	16.4	18.3	89.95	-107.4	657.9	161.9	133.8	28.14	5.753	
6,300.0	6,269.9	6,309.4	6,267.1	16.6	18.4	90.13	-108.0	661.1	164.9	136.4	28.51	5.782	
6,400.0	6,369.9	6,411.3	6,368.9	16.7	18.6	90.14	-108.0	661.3	165.1	136.2	28.90	5.711	
6,500.0	6,469.9	6,511.3	6,468.9	16.9	18.7	90.14	-108.0	661.3	165.1	135.8	29.29	5.636	
6,600.0	6,569.9	6,611.3	6,568.9	17.1	18.9	90.14	-108.0	661.3	165.1	135.4	29.68	5.561	
6,700.0	6,669.9	6,711.3	6,668.9	17.3	19.0	90.14	-108.0	661.3	165.1	135.0	30.07	5.489	
6,800.0	6,769.9	6,811.3	6,768.9	17.4	19.2	90.14	-108.0	661.3	165.1	134.6	30.46	5.418	
6,900.0	6,869.9	6,911.3	6,868.9	17.6	19.4	90.14	-108.0	661.3	165.1	134.2	30.86	5.349	
7,000.0	6,969.9	7,011.3	6,968.9	17.8	19.5	90.14	-108.0	661.3	165.1	133.8	31.25	5.281	
7,062.3	7,032.3	7,073.6	7,031.3	17.9	19.6	90.25	-108.0	661.3	165.1	133.6	31.48	5.244	
7,100.0	7,069.9	7,111.3	7,068.9	18.0	19.7	90.19	-108.0	661.3	165.1	133.4	31.63	5.219	
7,200.0	7,169.2	7,210.5	7,168.2	18.1	19.9	94.06	-108.0	661.3	165.5	133.7	31.82	5.200	
7,300.0	7,265.9	7,307.2	7,264.9	18.3	20.0	102.01	-108.0	661.3	169.2	137.2	31.93	5.298	
7,400.0	7,358.2	7,409.3	7,366.6	18.4	20.2	111.69	-101.3	661.3	179.0	147.0	32.06	5.585	
7,500.0	7,444.2	7,517.0	7,471.8	18.5	20.3	120.19	-78.7	661.4	193.5	161.5	32.01	6.046	
7,600.0	7,522.3	7,630.8	7,577.9	18.7	20.5	127.26	-37.9	661.5	210.9	179.4	31.57	6.681	
7,700.0	7,590.9	7,751.3	7,681.8	18.8	20.6	132.95	23.0	661.7	229.5	198.7	30.71	7.471	
7,800.0	7,648.7	7,878.8	7,778.9	19.1	20.8	137.37	105.4	662.0	247.4	217.8	29.57	8.367	
7,900.0	7,694.6	8,013.3	7,863.8	19.5	21.0	140.67	209.4	662.3	263.1	234.8	28.36	9.279	
8,000.0	7,727.6	8,153.9	7,930.1	20.1	21.4	142.95	333.1	662.7	275.4	248.0	27.36	10.064	
8,100.0	7,747.2	8,299.3	7,972.0	20.9	22.2	144.27	472.1	663.2	283.1	256.2	26.87	10.535	
8,200.0	7,753.0	8,443.5	7,985.0	21.8	23.4	144.69	615.5	663.7	285.6	258.4	27.15	10.520	
8,300.0	7,752.8	8,543.5	7,985.0	22.9	24.4	144.71	715.5	664.0	285.7	257.3	28.45	10.044	
8,400.0	7,752.6	8,643.5	7,985.0	24.1	25.5	144.73	815.5	664.4	285.9	255.9	29.92	9.555	
8,500.0	7,752.4	8,743.5	7,985.0	25.4	26.7	144.75	915.5	664.7	286.0	254.5	31.52	9.074	
8,600.0	7,752.2	8,843.5	7,985.0	26.8	28.0	144.77	1,015.5	665.0	286.2	252.9	33.23	8.611	
8,700.0	7,752.1	8,943.5	7,985.0	28.2	29.3	144.79	1,115.5	665.4	286.3	251.3	35.04	8.172	
8,800.0	7,751.9	9,043.5	7,985.0	29.7	30.8	144.82	1,215.5	665.7	286.5	249.5	36.92	7.759	
8,900.0	7,751.7	9,143.5	7,985.0	31.3	32.3	144.84	1,315.5	666.0	286.6	247.7	38.87	7.373	
9,000.0	7,751.5	9,243.5	7,985.0	32.8	33.8	144.86	1,415.5	666.4	286.8	245.9	40.89	7.014	
9,100.0	7,751.3	9,343.5	7,985.0	34.4	35.3	144.88	1,515.5	666.7	286.9	244.0	42.95	6.681	
9,200.0	7,751.1	9,443.5	7,985.0	36.1	36.9	144.90	1,615.5	667.1	287.1	242.0	45.05	6.373	
9,300.0	7,750.9	9,543.5	7,985.0	37.7	38.6	144.92	1,715.5	667.4	287.2	240.0	47.19	6.087	
9,400.0	7,750.8	9,643.5	7,985.0	39.4	40.2	144.94	1,815.5	667.7	287.4	238.0	49.36	5.822	
9,500.0	7,750.6	9,743.5	7,985.0	41.1	41.9	144.97	1,915.5	668.1	287.5	236.0	51.56	5.577	
9,600.0	7,750.4	9,843.5	7,985.0	42.9	43.6	144.99	2,015.5	668.4	287.7	233.9	53.78	5.350	
9,700.0	7,750.2	9,943.5	7,985.0	44.6	45.3	145.01	2,115.5	668.7	287.8	231.8	56.02	5.138	
9,800.0	7,750.0	10,043.5	7,985.0	46.3	47.0	145.03	2,215.5	669.1	288.0	229.7	58.28	4.942	
9,900.0	7,749.8	10,143.5	7,985.0	48.1	48.7	145.05	2,315.5	669.4	288.1	227.6	60.55	4.758	
10,000.0	7,749.6	10,243.5	7,985.0	49.9	50.5	145.07	2,415.5	669.8	288.3	225.4	62.84	4.588	
10,100.0	7,749.5	10,343.5	7,985.0	51.7	52.3	145.09	2,515.5	670.1	288.4	223.3	65.14	4.428	
10,200.0	7,749.3	10,443.5	7,985.0	53.5	54.0	145.11	2,615.5	670.4	288.6	221.1	67.46	4.278	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	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-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
10,300.0	7,749.1	10,543.5	7,985.0	55.3	55.8	145.14	2,715.5	670.8	288.7	219.0	69.78	4.138	
10,400.0	7,748.9	10,643.5	7,985.0	57.1	57.6	145.16	2,815.5	671.1	288.9	216.8	72.11	4.006	
10,500.0	7,748.7	10,743.5	7,985.0	58.9	59.4	145.18	2,915.5	671.4	289.1	214.6	74.45	3.883	
10,600.0	7,748.5	10,843.5	7,985.0	60.7	61.2	145.20	3,015.5	671.8	289.2	212.4	76.79	3.766	
10,700.0	7,748.3	10,943.5	7,985.0	62.5	63.0	145.22	3,115.5	672.1	289.4	210.2	79.14	3.656	
10,800.0	7,748.1	11,043.5	7,985.0	64.4	64.8	145.24	3,215.5	672.5	289.5	208.0	81.50	3.552	
10,900.0	7,748.0	11,143.5	7,985.0	66.2	66.7	145.26	3,315.4	672.8	289.7	205.8	83.86	3.454	
11,000.0	7,747.8	11,243.5	7,985.0	68.0	68.5	145.28	3,415.4	673.1	289.8	203.6	86.22	3.361	
11,100.0	7,747.6	11,343.5	7,985.0	69.9	70.3	145.30	3,515.4	673.5	290.0	201.4	88.59	3.273	
11,200.0	7,747.4	11,443.5	7,985.0	71.7	72.2	145.33	3,615.4	673.8	290.1	199.2	90.96	3.190	
11,300.0	7,747.2	11,543.5	7,985.0	73.6	74.0	145.35	3,715.4	674.2	290.3	196.9	93.33	3.110	
11,400.0	7,747.0	11,643.5	7,985.0	75.4	75.8	145.37	3,815.4	674.5	290.4	194.7	95.71	3.035	
11,500.0	7,746.8	11,743.5	7,985.0	77.3	77.7	145.39	3,915.4	674.8	290.6	192.5	98.09	2.962	
11,600.0	7,746.7	11,843.5	7,985.0	79.2	79.5	145.41	4,015.4	675.2	290.7	190.3	100.47	2.894	
11,700.0	7,746.5	11,943.5	7,985.0	81.0	81.4	145.43	4,115.4	675.5	290.9	188.0	102.85	2.828	
11,800.0	7,746.3	12,043.5	7,985.0	82.9	83.3	145.45	4,215.4	675.8	291.0	185.8	105.23	2.766	
11,900.0	7,746.1	12,143.5	7,985.0	84.8	85.1	145.47	4,315.4	676.2	291.2	183.6	107.62	2.706	
12,000.0	7,745.9	12,243.5	7,985.0	86.6	87.0	145.49	4,415.4	676.5	291.3	181.3	110.00	2.649	
12,100.0	7,745.7	12,343.5	7,985.0	88.5	88.8	145.51	4,515.4	676.9	291.5	179.1	112.39	2.594	
12,200.0	7,745.5	12,443.5	7,985.0	90.4	90.7	145.53	4,615.4	677.2	291.7	176.9	114.78	2.541	
12,300.0	7,745.4	12,543.5	7,985.0	92.2	92.6	145.56	4,715.4	677.5	291.8	174.6	117.16	2.491	
12,400.0	7,745.2	12,643.5	7,985.0	94.1	94.4	145.58	4,815.4	677.9	292.0	172.4	119.55	2.442	
12,500.0	7,745.0	12,743.5	7,985.0	96.0	96.3	145.60	4,915.4	678.2	292.1	170.2	121.94	2.396	
12,600.0	7,744.8	12,843.5	7,985.0	97.9	98.2	145.62	5,015.4	678.5	292.3	167.9	124.33	2.351	
12,700.0	7,744.6	12,943.5	7,985.0	99.8	100.1	145.64	5,115.4	678.9	292.4	165.7	126.72	2.308	
12,800.0	7,744.4	13,043.5	7,985.0	101.6	101.9	145.66	5,215.4	679.2	292.6	163.5	129.11	2.266	
12,900.0	7,744.2	13,143.5	7,985.0	103.5	103.8	145.68	5,315.4	679.6	292.7	161.2	131.50	2.226	
13,000.0	7,744.1	13,243.5	7,985.0	105.4	105.7	145.70	5,415.4	679.9	292.9	159.0	133.88	2.188	
13,100.0	7,743.9	13,343.5	7,985.0	107.3	107.6	145.72	5,515.4	680.2	293.0	156.8	136.27	2.150	
13,200.0	7,743.7	13,443.5	7,985.0	109.2	109.4	145.74	5,615.4	680.6	293.2	154.5	138.66	2.114	
13,300.0	7,743.5	13,543.5	7,985.0	111.1	111.3	145.76	5,715.4	680.9	293.3	152.3	141.05	2.080	
13,400.0	7,743.3	13,643.5	7,985.0	113.0	113.2	145.78	5,815.4	681.2	293.5	150.1	143.43	2.046	
13,500.0	7,743.1	13,743.5	7,985.0	114.8	115.1	145.80	5,915.4	681.6	293.6	147.8	145.82	2.014	
13,600.0	7,742.9	13,843.5	7,985.0	116.7	117.0	145.82	6,015.4	681.9	293.8	145.6	148.21	1.982	
13,700.0	7,742.8	13,943.5	7,985.0	118.6	118.9	145.84	6,115.4	682.3	294.0	143.4	150.59	1.952	
13,800.0	7,742.6	14,043.5	7,985.0	120.5	120.8	145.86	6,215.4	682.6	294.1	141.1	152.98	1.923	
13,900.0	7,742.4	14,143.5	7,985.0	122.4	122.6	145.88	6,315.4	682.9	294.3	138.9	155.36	1.894	
14,000.0	7,742.2	14,243.5	7,985.0	124.3	124.5	145.91	6,415.4	683.3	294.4	136.7	157.75	1.866	
14,100.0	7,742.0	14,343.5	7,985.0	126.2	126.4	145.93	6,515.4	683.6	294.6	134.4	160.13	1.840	
14,200.0	7,741.8	14,443.5	7,985.0	128.1	128.3	145.95	6,615.4	684.0	294.7	132.2	162.51	1.814	
14,300.0	7,741.6	14,543.5	7,985.0	130.0	130.2	145.97	6,715.4	684.3	294.9	130.0	164.89	1.788	
14,400.0	7,741.4	14,643.5	7,985.0	131.9	132.1	145.99	6,815.4	684.6	295.0	127.8	167.27	1.764	
14,500.0	7,741.3	14,743.5	7,985.0	133.8	134.0	146.01	6,915.4	685.0	295.2	125.5	169.65	1.740	
14,600.0	7,741.1	14,843.5	7,985.0	135.7	135.9	146.03	7,015.4	685.3	295.3	123.3	172.03	1.717	
14,700.0	7,740.9	14,943.5	7,985.0	137.6	137.8	146.05	7,115.4	685.6	295.5	121.1	174.40	1.694	
14,800.0	7,740.7	15,043.5	7,985.0	139.5	139.7	146.07	7,215.4	686.0	295.6	118.9	176.78	1.672	
14,900.0	7,740.5	15,143.5	7,985.0	141.4	141.6	146.09	7,315.4	686.3	295.8	116.6	179.16	1.651	
15,000.0	7,740.3	15,243.5	7,985.0	143.3	143.4	146.11	7,415.4	686.7	296.0	114.4	181.53	1.630	
15,100.0	7,740.1	15,343.5	7,985.0	145.1	145.3	146.13	7,515.4	687.0	296.1	112.2	183.90	1.610	
15,200.0	7,740.0	15,443.5	7,985.0	147.0	147.2	146.15	7,615.4	687.3	296.3	110.0	186.28	1.590	
15,300.0	7,739.8	15,543.5	7,985.0	148.9	149.1	146.17	7,715.4	687.7	296.4	107.8	188.65	1.571	
15,400.0	7,739.6	15,643.5	7,985.0	150.8	151.0	146.19	7,815.4	688.0	296.6	105.6	191.02	1.553	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Ivey Pad Sec.11-T1S-R68W - Ivey M-11-2HC - Wellbore #1 - Plan #1 (9-4-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	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	7,739.4	15,743.5	7,985.0	152.7	152.9	146.21	7,915.4	688.3	296.7	103.3	193.38	1.534	
15,600.0	7,739.2	15,843.5	7,985.0	154.6	154.8	146.23	8,015.4	688.7	296.9	101.1	195.75	1.517	
15,700.0	7,739.0	15,943.5	7,985.0	156.5	156.7	146.25	8,115.4	689.0	297.0	98.9	198.12	1.499	Level 3
15,800.0	7,738.8	16,043.5	7,985.0	158.4	158.6	146.27	8,215.4	689.4	297.2	96.7	200.48	1.482	Level 3
15,900.0	7,738.7	16,143.5	7,985.0	160.3	160.5	146.29	8,315.4	689.7	297.3	94.5	202.85	1.466	Level 3
16,000.0	7,738.5	16,243.5	7,985.0	162.2	162.4	146.31	8,415.4	690.0	297.5	92.3	205.21	1.450	Level 3
16,100.0	7,738.3	16,343.5	7,985.0	164.2	164.3	146.33	8,515.4	690.4	297.6	90.1	207.57	1.434	Level 3
16,200.0	7,738.1	16,443.5	7,985.0	166.1	166.2	146.35	8,615.4	690.7	297.8	87.9	209.93	1.419	Level 3
16,254.0	7,738.0	16,497.5	7,985.0	167.1	167.2	146.36	8,669.5	690.9	297.9	86.7	211.21	1.410	Level 3, SF

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey N-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	90.70	-0.4	30.0	30.0					
100.0	100.0	99.0	99.0	0.1	0.1	90.70	-0.4	30.0	30.0	29.8	0.22	134.099		
200.0	200.0	199.0	199.0	0.3	0.3	90.70	-0.4	30.0	30.0	29.3	0.67	44.625		
300.0	300.0	299.0	299.0	0.6	0.6	90.70	-0.4	30.0	30.0	28.9	1.12	26.739		
400.0	400.0	399.0	399.0	0.8	0.8	90.70	-0.4	30.0	30.0	28.4	1.57	19.089		
500.0	500.0	499.0	499.0	1.0	1.0	90.70	-0.4	30.0	30.0	28.0	2.02	14.842		
600.0	600.0	599.0	599.0	1.2	1.2	90.70	-0.4	30.0	30.0	27.5	2.47	12.141		
700.0	700.0	699.0	699.0	1.5	1.5	90.70	-0.4	30.0	30.0	27.1	2.92	10.272		
800.0	800.0	799.0	799.0	1.7	1.7	90.70	-0.4	30.0	30.0	26.6	3.37	8.901 CC		
900.0	900.0	897.9	897.9	1.9	1.9	91.07	-0.6	31.6	31.7	27.9	3.80	8.330		
1,000.0	1,000.0	996.6	996.5	2.1	2.1	91.98	-1.3	36.7	36.8	32.6	4.23	8.699		
1,100.0	1,100.0	1,094.9	1,094.4	2.4	2.3	93.05	-2.4	45.0	45.3	40.6	4.67	9.707		
1,200.0	1,200.0	1,192.4	1,191.2	2.6	2.5	94.00	-4.0	56.6	57.3	52.1	5.13	11.161		
1,300.0	1,300.0	1,290.4	1,288.1	2.8	2.8	94.76	-5.9	71.0	72.0	66.4	5.62	12.821		
1,400.0	1,400.0	1,389.3	1,385.8	3.0	3.1	95.27	-7.9	85.8	87.2	81.0	6.13	14.220		
1,500.0	1,500.0	1,488.1	1,483.5	3.3	3.4	95.63	-9.9	100.6	102.3	95.6	6.65	15.374		
1,600.0	1,600.0	1,587.2	1,581.5	3.5	3.7	-6.41	-11.9	115.5	115.7	108.8	6.85	16.900		
1,700.0	1,699.8	1,686.7	1,679.8	3.7	4.1	-6.42	-13.9	130.4	125.7	118.4	7.26	17.311		
1,800.0	1,799.5	1,786.5	1,778.5	3.9	4.4	-6.61	-16.0	145.4	132.2	124.5	7.67	17.222		
1,900.0	1,898.8	1,886.4	1,877.2	4.1	4.7	-6.95	-18.0	160.4	135.7	127.6	8.10	16.744		
2,000.0	1,998.0	1,986.4	1,976.0	4.3	5.1	-7.29	-20.0	175.4	138.8	130.2	8.55	16.236		
2,100.0	2,097.3	2,086.3	2,074.8	4.6	5.4	-7.62	-22.0	190.3	141.9	132.9	9.00	15.769		
2,200.0	2,196.5	2,186.3	2,173.6	4.8	5.8	-7.93	-24.1	205.3	145.0	135.5	9.45	15.339		
2,300.0	2,295.8	2,286.2	2,272.4	5.1	6.1	-8.23	-26.1	220.3	148.1	138.2	9.91	14.943		
2,400.0	2,395.1	2,386.2	2,371.2	5.4	6.5	-8.52	-28.1	235.3	151.2	140.8	10.37	14.577		
2,500.0	2,494.3	2,486.1	2,470.0	5.7	6.8	-8.79	-30.2	250.3	154.3	143.5	10.84	14.238		
2,600.0	2,593.6	2,586.1	2,568.8	5.9	7.2	-9.06	-32.2	265.3	157.5	146.2	11.31	13.924		
2,700.0	2,692.8	2,686.0	2,667.6	6.2	7.5	-9.31	-34.2	280.3	160.6	148.8	11.78	13.631		
2,800.0	2,792.1	2,786.0	2,766.4	6.5	7.9	-9.56	-36.2	295.3	163.7	151.5	12.26	13.359		
2,900.0	2,891.4	2,885.9	2,865.2	6.8	8.2	-9.79	-38.3	310.3	166.9	154.1	12.73	13.105		
3,000.0	2,990.6	2,985.9	2,964.0	7.1	8.6	-10.02	-40.3	325.3	170.0	156.8	13.21	12.868		
3,100.0	3,089.9	3,085.8	3,062.8	7.4	8.9	-10.24	-42.3	340.3	173.1	159.4	13.69	12.645		
3,200.0	3,189.1	3,185.7	3,161.6	7.7	9.3	-10.45	-44.3	355.2	176.3	162.1	14.17	12.436		
3,300.0	3,288.4	3,285.7	3,260.4	8.0	9.7	-10.65	-46.4	370.2	179.4	164.8	14.66	12.240		
3,400.0	3,387.7	3,385.6	3,359.2	8.3	10.0	-10.85	-48.4	385.2	182.6	167.4	15.14	12.055		
3,500.0	3,486.9	3,485.6	3,458.0	8.6	10.4	-11.04	-50.4	400.2	185.7	170.1	15.63	11.881		
3,600.0	3,586.2	3,585.5	3,556.8	8.9	10.7	-11.22	-52.5	415.2	188.9	172.7	16.12	11.716		
3,700.0	3,685.4	3,685.5	3,655.6	9.2	11.1	-11.40	-54.5	430.2	192.0	175.4	16.61	11.560		
3,800.0	3,784.7	3,785.4	3,754.4	9.5	11.5	-11.57	-56.5	445.2	195.2	178.1	17.10	11.413		
3,900.0	3,884.0	3,885.4	3,853.2	9.8	11.8	-11.74	-58.5	460.2	198.3	180.7	17.59	11.273		
4,000.0	3,983.2	3,985.3	3,952.0	10.1	12.2	-11.90	-60.6	475.2	201.5	183.4	18.09	11.141		
4,100.0	4,082.5	4,085.3	4,050.8	10.4	12.6	-12.05	-62.6	490.2	204.6	186.1	18.58	11.014		
4,200.0	4,181.7	4,185.2	4,149.6	10.8	12.9	-12.20	-64.6	505.2	207.8	188.7	19.07	10.894		
4,300.0	4,281.0	4,285.2	4,248.4	11.1	13.3	-12.35	-66.6	520.2	211.0	191.4	19.57	10.780		
4,400.0	4,380.3	4,385.1	4,347.2	11.4	13.6	-12.49	-68.7	535.1	214.1	194.1	20.07	10.671		
4,500.0	4,479.5	4,485.1	4,446.0	11.7	14.0	-12.63	-70.7	550.1	217.3	196.7	20.56	10.567		
4,600.0	4,578.8	4,585.0	4,544.8	12.0	14.4	-12.77	-72.7	565.1	220.5	199.4	21.06	10.467		
4,700.0	4,678.0	4,685.0	4,643.6	12.3	14.7	-12.90	-74.7	580.1	223.6	202.1	21.56	10.372		
4,800.0	4,777.3	4,784.9	4,742.4	12.6	15.1	-13.02	-76.8	595.1	226.8	204.7	22.06	10.281		
4,900.0	4,876.6	4,884.9	4,841.2	12.9	15.5	-13.15	-78.8	610.1	230.0	207.4	22.56	10.193		
5,000.0	4,975.8	4,984.8	4,940.0	13.3	15.8	-13.27	-80.8	625.1	233.1	210.1	23.06	10.109		
5,100.0	5,075.1	5,084.8	5,038.8	13.6	16.2	-13.38	-82.9	640.1	236.3	212.7	23.56	10.029		

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey N-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	5,174.3	5,184.7	5,137.5	13.9	16.5	-13.50	-84.9	655.1	239.5	215.4	24.06	9.952	
5,300.0	5,273.6	5,284.7	5,236.3	14.2	16.9	-13.61	-86.9	670.1	242.6	218.1	24.57	9.877	
5,400.0	5,372.9	5,384.6	5,335.1	14.5	17.3	-13.72	-88.9	685.1	245.8	220.7	25.07	9.806	
5,500.0	5,472.1	5,484.6	5,433.9	14.8	17.6	-13.82	-91.0	700.0	249.0	223.4	25.57	9.737	
5,600.0	5,571.4	5,584.5	5,532.7	15.2	18.0	-13.92	-93.0	715.0	252.2	226.1	26.08	9.671	
5,700.0	5,670.7	5,684.5	5,631.5	15.5	18.4	-14.02	-95.0	730.0	255.4	228.8	26.58	9.610	
5,800.0	5,770.2	5,784.3	5,730.2	15.7	18.7	-14.02	-97.0	745.0	260.9	233.9	27.01	9.659	
5,900.0	5,870.0	5,883.9	5,828.7	15.9	19.1	-13.85	-99.1	759.9	269.8	242.4	27.40	9.844	
6,000.0	5,969.9	5,983.1	5,926.8	16.1	19.5	-13.55	-101.1	774.8	282.0	254.3	27.75	10.163	
6,100.0	6,069.9	6,082.0	6,024.5	16.2	19.8	-89.12	-103.1	789.7	296.8	268.7	28.15	10.545	
6,200.0	6,169.9	6,187.7	6,129.0	16.4	20.2	89.54	-105.1	804.8	311.2	282.6	28.56	10.895	
6,300.0	6,269.9	6,299.3	6,240.0	16.6	20.4	89.85	-106.8	817.0	322.1	293.2	28.95	11.125	
6,400.0	6,369.9	6,411.7	6,352.1	16.7	20.6	90.04	-107.9	824.9	329.2	299.8	29.34	11.219	
6,500.0	6,469.9	6,524.6	6,464.9	16.9	20.8	90.13	-108.3	828.5	332.3	302.6	29.73	11.179	
6,600.0	6,569.9	6,628.6	6,568.9	17.1	21.0	90.13	-108.4	828.7	332.5	302.4	30.11	11.042	
6,700.0	6,669.9	6,728.6	6,668.9	17.3	21.1	90.13	-108.4	828.7	332.5	302.0	30.50	10.903	
6,800.0	6,769.9	6,828.6	6,768.9	17.4	21.2	90.13	-108.4	828.7	332.5	301.6	30.89	10.766	
6,900.0	6,869.9	6,928.6	6,868.9	17.6	21.4	90.13	-108.4	828.7	332.5	301.3	31.27	10.633	
7,000.0	6,969.9	7,028.6	6,968.9	17.8	21.5	90.13	-108.4	828.7	332.5	300.9	31.66	10.502	
7,100.0	7,069.9	7,128.6	7,068.9	18.0	21.7	89.94	-107.7	828.7	332.5	300.5	32.04	10.378	
7,200.0	7,169.2	7,228.7	7,168.3	18.1	21.8	89.93	-96.2	828.7	332.5	300.1	32.39	10.266	
7,300.0	7,265.9	7,328.8	7,265.1	18.3	21.9	89.93	-71.1	828.7	332.4	299.7	32.70	10.166	
7,400.0	7,358.2	7,428.9	7,357.4	18.4	22.0	89.94	-32.6	828.7	332.3	299.3	33.00	10.068	
7,500.0	7,444.2	7,529.0	7,443.5	18.5	22.1	89.95	18.2	828.7	332.1	298.7	33.37	9.953	
7,600.0	7,522.3	7,629.1	7,521.7	18.7	22.2	89.97	80.6	828.7	331.9	298.0	33.86	9.803	
7,700.0	7,590.9	7,729.2	7,590.4	18.8	22.4	90.00	153.3	828.7	331.7	297.1	34.54	9.603	
7,800.0	7,648.7	7,829.3	7,648.3	19.1	22.6	90.03	234.9	828.7	331.4	295.9	35.47	9.342	
7,900.0	7,694.6	7,929.4	7,694.3	19.5	22.8	90.06	323.7	828.7	331.1	294.4	36.70	9.022	
8,000.0	7,727.6	8,029.5	7,727.4	20.1	23.3	90.10	418.1	828.7	330.8	292.5	38.23	8.651	
8,100.0	7,747.2	8,129.6	7,747.1	20.9	23.8	90.14	516.2	828.7	330.5	290.4	40.06	8.250	
8,200.0	7,753.0	8,229.3	7,753.0	21.8	24.6	90.18	615.6	828.7	330.1	288.0	42.10	7.841	
8,239.4	7,752.9	8,268.0	7,752.9	22.3	24.9	90.18	654.3	828.8	330.1	287.2	42.96	7.684	
8,300.0	7,752.8	8,328.6	7,752.8	22.9	25.5	90.18	714.9	829.0	330.1	285.8	44.34	7.444	
8,400.0	7,752.6	8,428.6	7,752.6	24.1	26.5	90.18	814.9	829.4	330.1	283.3	46.83	7.049	
8,500.0	7,752.4	8,528.6	7,752.4	25.4	27.6	90.18	914.9	829.7	330.1	280.6	49.49	6.670	
8,600.0	7,752.2	8,628.6	7,752.3	26.8	28.9	90.18	1,014.9	830.1	330.1	277.8	52.29	6.313	
8,700.0	7,752.1	8,728.6	7,752.1	28.2	30.2	90.18	1,114.9	830.4	330.1	274.9	55.22	5.978	
8,800.0	7,751.9	8,828.6	7,751.9	29.7	31.6	90.18	1,214.9	830.7	330.1	271.9	58.25	5.667	
8,900.0	7,751.7	8,928.6	7,751.7	31.3	33.0	90.18	1,314.9	831.1	330.1	268.7	61.37	5.379	
9,000.0	7,751.5	9,028.6	7,751.5	32.8	34.5	90.18	1,414.9	831.4	330.1	265.5	64.57	5.112	
9,100.0	7,751.3	9,128.6	7,751.3	34.4	36.0	90.18	1,514.9	831.8	330.1	262.3	67.83	4.866	
9,200.0	7,751.1	9,228.6	7,751.1	36.1	37.6	90.18	1,614.9	832.1	330.1	259.0	71.15	4.639	
9,300.0	7,750.9	9,328.6	7,750.9	37.7	39.2	90.18	1,714.9	832.4	330.1	255.6	74.52	4.430	
9,400.0	7,750.8	9,428.6	7,750.8	39.4	40.8	90.18	1,814.9	832.8	330.1	252.2	77.93	4.236	
9,500.0	7,750.6	9,528.6	7,750.6	41.1	42.5	90.18	1,914.9	833.1	330.1	248.7	81.38	4.056	
9,600.0	7,750.4	9,628.6	7,750.4	42.9	44.1	90.18	2,014.9	833.4	330.1	245.2	84.86	3.890	
9,700.0	7,750.2	9,728.6	7,750.2	44.6	45.8	90.18	2,114.9	833.8	330.1	241.7	88.36	3.736	
9,800.0	7,750.0	9,828.6	7,750.0	46.3	47.5	90.18	2,214.9	834.1	330.1	238.2	91.90	3.592	
9,900.0	7,749.8	9,928.6	7,749.8	48.1	49.3	90.18	2,314.9	834.5	330.1	234.6	95.45	3.458	
10,000.0	7,749.6	10,028.6	7,749.6	49.9	51.0	90.18	2,414.9	834.8	330.1	231.1	99.03	3.333	
10,100.0	7,749.5	10,128.6	7,749.5	51.7	52.8	90.18	2,514.9	835.1	330.1	227.5	102.63	3.216	
10,200.0	7,749.3	10,228.6	7,749.3	53.5	54.5	90.18	2,614.9	835.5	330.1	223.9	106.24	3.107	

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

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey N-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		
10,300.0	7,749.1	10,328.6	7,749.1	55.3	56.3	90.18	2,714.9	835.8	330.1	220.2	109.86	3.005		
10,400.0	7,748.9	10,428.6	7,748.9	57.1	58.1	90.18	2,814.9	836.1	330.1	216.6	113.50	2.908		
10,500.0	7,748.7	10,528.6	7,748.7	58.9	59.9	90.18	2,914.9	836.5	330.1	212.9	117.15	2.818		
10,600.0	7,748.5	10,628.6	7,748.5	60.7	61.6	90.18	3,014.9	836.8	330.1	209.3	120.81	2.732		
10,700.0	7,748.3	10,728.6	7,748.3	62.5	63.5	90.18	3,114.9	837.2	330.1	205.6	124.49	2.652		
10,800.0	7,748.1	10,828.6	7,748.2	64.4	65.3	90.18	3,214.9	837.5	330.1	201.9	128.17	2.575		
10,900.0	7,748.0	10,928.6	7,748.0	66.2	67.1	90.18	3,314.9	837.8	330.1	198.2	131.86	2.503		
11,000.0	7,747.8	11,028.6	7,747.8	68.0	68.9	90.18	3,414.9	838.2	330.1	194.5	135.55	2.435		
11,100.0	7,747.6	11,128.6	7,747.6	69.9	70.7	90.18	3,514.9	838.5	330.1	190.8	139.26	2.370		
11,200.0	7,747.4	11,228.6	7,747.4	71.7	72.5	90.18	3,614.9	838.8	330.1	187.1	142.97	2.309		
11,300.0	7,747.2	11,328.6	7,747.2	73.6	74.4	90.18	3,714.9	839.2	330.1	183.4	146.68	2.250		
11,400.0	7,747.0	11,428.6	7,747.0	75.4	76.2	90.18	3,814.9	839.5	330.1	179.7	150.41	2.195		
11,500.0	7,746.8	11,528.6	7,746.9	77.3	78.1	90.18	3,914.9	839.9	330.1	175.9	154.13	2.142		
11,600.0	7,746.7	11,628.6	7,746.7	79.2	79.9	90.18	4,014.9	840.2	330.1	172.2	157.87	2.091		
11,700.0	7,746.5	11,728.6	7,746.5	81.0	81.8	90.18	4,114.9	840.5	330.1	168.5	161.60	2.043		
11,800.0	7,746.3	11,828.6	7,746.3	82.9	83.6	90.18	4,214.9	840.9	330.1	164.7	165.34	1.996		
11,900.0	7,746.1	11,928.6	7,746.1	84.8	85.5	90.18	4,314.9	841.2	330.1	161.0	169.09	1.952		
12,000.0	7,745.9	12,028.6	7,745.9	86.6	87.3	90.18	4,414.9	841.5	330.1	157.2	172.84	1.910		
12,100.0	7,745.7	12,128.6	7,745.7	88.5	89.2	90.18	4,514.9	841.9	330.1	153.5	176.59	1.869		
12,200.0	7,745.5	12,228.6	7,745.6	90.4	91.0	90.18	4,614.9	842.2	330.1	149.7	180.34	1.830		
12,300.0	7,745.4	12,328.6	7,745.4	92.2	92.9	90.18	4,714.9	842.6	330.1	146.0	184.10	1.793		
12,400.0	7,745.2	12,428.6	7,745.2	94.1	94.8	90.18	4,814.9	842.9	330.1	142.2	187.86	1.757		
12,500.0	7,745.0	12,528.6	7,745.0	96.0	96.6	90.18	4,914.9	843.2	330.1	138.5	191.62	1.723		
12,600.0	7,744.8	12,628.6	7,744.8	97.9	98.5	90.18	5,014.9	843.6	330.1	134.7	195.39	1.689		
12,700.0	7,744.6	12,728.6	7,744.6	99.8	100.4	90.18	5,114.9	843.9	330.1	130.9	199.16	1.657		
12,800.0	7,744.4	12,828.6	7,744.4	101.6	102.2	90.18	5,214.9	844.2	330.1	127.1	202.93	1.627		
12,900.0	7,744.2	12,928.6	7,744.3	103.5	104.1	90.18	5,314.9	844.6	330.1	123.4	206.70	1.597		
13,000.0	7,744.1	13,028.6	7,744.1	105.4	106.0	90.18	5,414.9	844.9	330.1	119.6	210.47	1.568		
13,100.0	7,743.9	13,128.6	7,743.9	107.3	107.9	90.18	5,514.9	845.3	330.1	115.8	214.25	1.541		
13,200.0	7,743.7	13,228.6	7,743.7	109.2	109.7	90.18	5,614.9	845.6	330.1	112.0	218.03	1.514		
13,300.0	7,743.5	13,328.6	7,743.5	111.1	111.6	90.18	5,714.9	845.9	330.1	108.3	221.81	1.488 Level 3		
13,400.0	7,743.3	13,428.6	7,743.3	113.0	113.5	90.18	5,814.9	846.3	330.1	104.5	225.59	1.463 Level 3		
13,500.0	7,743.1	13,528.6	7,743.1	114.8	115.4	90.18	5,914.9	846.6	330.1	100.7	229.37	1.439 Level 3		
13,600.0	7,742.9	13,628.6	7,742.9	116.7	117.3	90.18	6,014.9	847.0	330.1	96.9	233.16	1.416 Level 3		
13,700.0	7,742.8	13,728.6	7,742.8	118.6	119.1	90.18	6,114.9	847.3	330.1	93.1	236.94	1.393 Level 3		
13,800.0	7,742.6	13,828.6	7,742.6	120.5	121.0	90.18	6,214.9	847.6	330.1	89.3	240.73	1.371 Level 3		
13,900.0	7,742.4	13,928.6	7,742.4	122.4	122.9	90.18	6,314.9	848.0	330.1	85.5	244.52	1.350 Level 3		
14,000.0	7,742.2	14,028.6	7,742.2	124.3	124.8	90.17	6,414.9	848.3	330.1	81.8	248.31	1.329 Level 3		
14,100.0	7,742.0	14,128.6	7,742.0	126.2	126.7	90.17	6,514.9	848.6	330.1	78.0	252.10	1.309 Level 3		
14,200.0	7,741.8	14,228.6	7,741.8	128.1	128.6	90.17	6,614.9	849.0	330.1	74.2	255.89	1.290 Level 3		
14,300.0	7,741.6	14,328.6	7,741.6	130.0	130.5	90.17	6,714.9	849.3	330.1	70.4	259.68	1.271 Level 3		
14,400.0	7,741.4	14,428.6	7,741.5	131.9	132.3	90.17	6,814.9	849.7	330.1	66.6	263.48	1.253 Level 3		
14,500.0	7,741.3	14,528.6	7,741.3	133.8	134.2	90.17	6,914.9	850.0	330.1	62.8	267.27	1.235 Level 2		
14,600.0	7,741.1	14,628.6	7,741.1	135.7	136.1	90.17	7,014.9	850.3	330.1	59.0	271.07	1.218 Level 2		
14,700.0	7,740.9	14,728.6	7,740.9	137.6	138.0	90.17	7,114.9	850.7	330.1	55.2	274.86	1.201 Level 2		
14,800.0	7,740.7	14,828.6	7,740.7	139.5	139.9	90.17	7,214.9	851.0	330.1	51.4	278.66	1.184 Level 2		
14,900.0	7,740.5	14,928.6	7,740.5	141.4	141.8	90.17	7,314.9	851.3	330.1	47.6	282.46	1.169 Level 2		
15,000.0	7,740.3	15,028.6	7,740.3	143.3	143.7	90.17	7,414.9	851.7	330.1	43.8	286.26	1.153 Level 2		
15,100.0	7,740.1	15,128.6	7,740.2	145.1	145.6	90.17	7,514.9	852.0	330.1	40.0	290.06	1.138 Level 2		
15,200.0	7,740.0	15,228.6	7,740.0	147.0	147.5	90.17	7,614.9	852.4	330.1	36.2	293.86	1.123 Level 2		
15,300.0	7,739.8	15,328.6	7,739.8	148.9	149.4	90.17	7,714.9	852.7	330.1	32.4	297.66	1.109 Level 2		
15,400.0	7,739.6	15,428.6	7,739.6	150.8	151.3	90.17	7,814.9	853.0	330.1	28.6	301.46	1.095 Level 2		

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



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey N-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	7,739.4	15,528.6	7,739.4	152.7	153.2	90.17	7,914.9	853.4	330.1	24.8	305.26	1.081	Level 2	
15,600.0	7,739.2	15,628.6	7,739.2	154.6	155.1	90.17	8,014.9	853.7	330.1	21.0	309.07	1.068	Level 2	
15,700.0	7,739.0	15,728.6	7,739.0	156.5	157.0	90.17	8,114.9	854.0	330.0	17.2	312.87	1.055	Level 2	
15,800.0	7,738.8	15,828.6	7,738.8	158.4	158.9	90.17	8,214.9	854.4	330.0	13.4	316.67	1.042	Level 2	
15,900.0	7,738.7	15,928.6	7,738.7	160.3	160.7	90.17	8,314.9	854.7	330.0	9.6	320.48	1.030	Level 2	
16,000.0	7,738.5	16,028.6	7,738.5	162.2	162.6	90.17	8,414.9	855.1	330.0	5.8	324.28	1.018	Level 2	
16,100.0	7,738.3	16,128.6	7,738.3	164.2	164.5	90.17	8,514.9	855.4	330.0	2.0	328.09	1.006	Level 2	
16,200.0	7,738.1	16,228.6	7,738.1	166.1	166.4	90.17	8,614.9	855.7	330.0	-1.9	331.90	0.994	Level 1	
16,254.0	7,738.0	16,282.7	7,738.0	167.1	167.5	90.17	8,668.9	855.9	330.0	-3.9	333.95	0.988	Level 1, ES, SF	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey O-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	90.47	-0.4	44.8	44.9					
100.0	100.0	99.0	99.0	0.1	0.1	90.47	-0.4	44.8	44.8	44.6	0.22	200.514		
200.0	200.0	199.0	199.0	0.3	0.3	90.47	-0.4	44.8	44.8	44.2	0.67	66.727		
300.0	300.0	299.0	299.0	0.6	0.6	90.47	-0.4	44.8	44.8	43.7	1.12	39.983		
400.0	400.0	399.0	399.0	0.8	0.8	90.47	-0.4	44.8	44.8	43.3	1.57	28.543 CC, ES		
500.0	500.0	497.4	497.4	1.0	1.0	90.65	-0.5	46.5	46.5	44.5	2.00	23.209		
600.0	600.0	595.6	595.5	1.2	1.2	91.13	-1.0	51.5	51.6	49.2	2.44	21.179		
700.0	700.0	693.4	692.9	1.5	1.4	91.74	-1.8	59.8	60.1	57.2	2.89	20.805		
800.0	800.0	790.4	789.2	1.7	1.7	92.36	-2.9	71.3	72.0	68.6	3.37	21.370		
900.0	900.0	886.6	884.3	1.9	2.0	92.91	-4.4	85.9	87.2	83.4	3.88	22.460		
1,000.0	1,000.0	983.9	980.0	2.1	2.3	93.35	-6.0	103.2	105.1	100.7	4.44	23.677		
1,100.0	1,100.0	1,082.3	1,076.7	2.4	2.7	93.68	-7.8	120.9	123.2	118.1	5.02	24.551		
1,200.0	1,200.0	1,180.6	1,173.5	2.6	3.1	93.92	-9.5	138.6	141.2	135.6	5.61	25.195		
1,300.0	1,300.0	1,279.0	1,270.2	2.8	3.4	94.11	-11.2	156.3	159.3	153.1	6.20	25.684		
1,400.0	1,400.0	1,377.3	1,366.9	3.0	3.8	94.25	-12.9	174.0	177.4	170.6	6.81	26.065		
1,500.0	1,500.0	1,475.7	1,463.7	3.3	4.2	94.38	-14.7	191.7	195.5	188.0	7.41	26.371		
1,600.0	1,600.0	1,574.3	1,560.7	3.5	4.6	-7.78	-16.4	209.4	211.8	204.8	6.99	30.313		
1,700.0	1,699.8	1,673.5	1,658.2	3.7	5.0	-7.83	-18.1	227.3	224.8	217.4	7.43	30.272		
1,800.0	1,799.5	1,773.0	1,756.1	3.9	5.4	-8.01	-19.9	245.2	234.3	226.4	7.87	29.789		
1,900.0	1,898.8	1,872.8	1,854.2	4.1	5.8	-8.28	-21.6	263.1	240.8	232.5	8.31	28.964		
2,000.0	1,998.0	1,972.6	1,952.4	4.3	6.2	-8.57	-23.4	281.1	247.0	238.2	8.78	28.139		
2,100.0	2,097.3	2,072.4	2,050.6	4.6	6.6	-8.84	-25.1	299.1	253.1	243.8	9.24	27.383		
2,200.0	2,196.5	2,172.2	2,148.7	4.8	7.0	-9.10	-26.9	317.0	259.2	249.5	9.71	26.689		
2,300.0	2,295.8	2,272.0	2,246.9	5.1	7.4	-9.35	-28.6	335.0	265.4	255.2	10.19	26.050		
2,400.0	2,395.1	2,371.8	2,345.0	5.4	7.8	-9.58	-30.4	352.9	271.5	260.9	10.66	25.460		
2,500.0	2,494.3	2,471.6	2,443.2	5.7	8.3	-9.81	-32.1	370.9	277.7	266.5	11.14	24.915		
2,600.0	2,593.6	2,571.4	2,541.4	5.9	8.7	-10.02	-33.9	388.9	283.8	272.2	11.63	24.410		
2,700.0	2,692.8	2,671.2	2,639.5	6.2	9.1	-10.23	-35.6	406.8	290.0	277.9	12.11	23.941		
2,800.0	2,792.1	2,771.0	2,737.7	6.5	9.5	-10.43	-37.4	424.8	296.2	283.6	12.60	23.504		
2,900.0	2,891.4	2,870.8	2,835.8	6.8	9.9	-10.62	-39.1	442.7	302.3	289.2	13.09	23.096		
3,000.0	2,990.6	2,970.6	2,934.0	7.1	10.3	-10.80	-40.9	460.7	308.5	294.9	13.58	22.715		
3,100.0	3,089.9	3,070.4	3,032.2	7.4	10.7	-10.97	-42.6	478.7	314.7	300.6	14.07	22.358		
3,200.0	3,189.1	3,170.3	3,130.3	7.7	11.1	-11.14	-44.4	496.6	320.9	306.3	14.57	22.024		
3,300.0	3,288.4	3,270.1	3,228.5	8.0	11.5	-11.30	-46.1	514.6	327.0	312.0	15.06	21.709		
3,400.0	3,387.7	3,369.9	3,326.6	8.3	11.9	-11.46	-47.9	532.5	333.2	317.7	15.56	21.413		
3,500.0	3,486.9	3,469.7	3,424.8	8.6	12.4	-11.61	-49.6	550.5	339.4	323.3	16.06	21.133		
3,600.0	3,586.2	3,569.5	3,523.0	8.9	12.8	-11.76	-51.4	568.4	345.6	329.0	16.56	20.870		
3,700.0	3,685.4	3,669.3	3,621.1	9.2	13.2	-11.90	-53.1	586.4	351.8	334.7	17.06	20.620		
3,800.0	3,784.7	3,769.1	3,719.3	9.5	13.6	-12.03	-54.9	604.4	358.0	340.4	17.56	20.384		
3,900.0	3,884.0	3,868.9	3,817.4	9.8	14.0	-12.16	-56.6	622.3	364.2	346.1	18.06	20.160		
4,000.0	3,983.2	3,968.7	3,915.6	10.1	14.4	-12.29	-58.4	640.3	370.4	351.8	18.57	19.947		
4,100.0	4,082.5	4,068.5	4,013.8	10.4	14.8	-12.41	-60.1	658.2	376.6	357.5	19.07	19.745		
4,200.0	4,181.7	4,168.3	4,111.9	10.8	15.2	-12.53	-61.9	676.2	382.7	363.2	19.58	19.553		
4,300.0	4,281.0	4,268.1	4,210.1	11.1	15.6	-12.64	-63.6	694.2	388.9	368.9	20.08	19.369		
4,400.0	4,380.3	4,367.9	4,308.2	11.4	16.1	-12.75	-65.4	712.1	395.2	374.6	20.59	19.194		
4,500.0	4,479.5	4,467.7	4,406.4	11.7	16.5	-12.86	-67.1	730.1	401.4	380.3	21.09	19.027		
4,600.0	4,578.8	4,567.5	4,504.6	12.0	16.9	-12.96	-68.9	748.0	407.6	386.0	21.60	18.868		
4,700.0	4,678.0	4,667.3	4,602.7	12.3	17.3	-13.06	-70.6	766.0	413.8	391.7	22.11	18.715		
4,800.0	4,777.3	4,767.1	4,700.9	12.6	17.7	-13.16	-72.3	784.0	420.0	397.4	22.62	18.569		
4,900.0	4,876.6	4,866.9	4,799.0	12.9	18.1	-13.26	-74.1	801.9	426.2	403.1	23.13	18.428		
5,000.0	4,975.8	4,966.7	4,897.2	13.3	18.5	-13.35	-75.8	819.9	432.4	408.7	23.64	18.294		
5,100.0	5,075.1	5,066.5	4,995.4	13.6	18.9	-13.44	-77.6	837.8	438.6	414.4	24.15	18.165		

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



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Ivey Pad Sec.11-T1S-R68W - Ivey O-11-2HN - Wellbore #1 - Plan #1 (9-4-14)												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	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	5,174.3	5,166.3	5,093.5	13.9	19.4	-13.52	-79.3	855.8	444.8	420.2	24.66	18.041	
5,300.0	5,273.6	5,266.1	5,191.7	14.2	19.8	-13.61	-81.1	873.8	451.0	425.9	25.17	17.921	
5,400.0	5,372.9	5,366.0	5,289.8	14.5	20.2	-13.69	-82.8	891.7	457.2	431.6	25.68	17.807	
5,500.0	5,472.1	5,465.8	5,388.0	14.8	20.6	-13.77	-84.6	909.7	463.4	437.3	26.19	17.696	
5,600.0	5,571.4	5,565.6	5,486.2	15.2	21.0	-13.85	-86.3	927.6	469.7	443.0	26.70	17.589	
5,700.0	5,670.7	5,665.4	5,584.3	15.5	21.4	-13.93	-88.1	945.6	475.9	448.7	27.21	17.493 SF	
5,800.0	5,770.2	5,765.0	5,682.3	15.7	21.8	-13.98	-89.8	963.5	484.5	456.8	27.64	17.528	
5,900.0	5,870.0	5,864.3	5,779.9	15.9	22.2	-13.94	-91.6	981.4	496.4	468.3	28.03	17.708	
6,000.0	5,969.9	5,963.1	5,877.1	16.1	22.6	-13.83	-93.3	999.2	511.6	483.3	28.38	18.027	
6,100.0	6,069.9	6,061.5	5,973.9	16.2	23.0	88.62	-95.0	1,016.9	529.4	500.6	28.80	18.386	
6,200.0	6,169.9	6,159.8	6,070.6	16.4	23.5	88.85	-96.8	1,034.6	547.4	518.2	29.23	18.727	
6,300.0	6,269.9	6,258.2	6,167.3	16.6	23.9	89.06	-98.5	1,052.3	565.3	535.7	29.66	19.058	
6,400.0	6,369.9	6,356.5	6,264.1	16.7	24.3	89.26	-100.2	1,070.0	583.3	553.2	30.10	19.378	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Ivey Pad Sec.11-T1S-R68W - Ivey P-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	90.35	-0.4	60.0	60.0					
100.0	100.0	99.0	99.0	0.1	0.1	90.35	-0.4	60.0	60.0	59.8	0.22	268.184		
200.0	200.0	199.0	199.0	0.3	0.3	90.35	-0.4	60.0	60.0	59.3	0.67	89.246 CC, ES		
300.0	300.0	296.9	296.9	0.6	0.5	90.46	-0.5	61.6	61.6	60.5	1.11	55.726		
400.0	400.0	394.6	394.5	0.8	0.8	90.75	-0.9	66.6	66.7	65.2	1.55	43.134		
500.0	500.0	491.9	491.4	1.0	1.0	91.15	-1.5	74.8	75.2	73.2	2.01	37.381		
600.0	600.0	588.4	587.3	1.2	1.3	91.58	-2.4	86.2	87.0	84.5	2.51	34.716		
700.0	700.0	684.1	681.8	1.5	1.6	91.98	-3.5	100.7	102.2	99.1	3.04	33.623		
800.0	800.0	778.7	774.8	1.7	1.9	92.33	-4.8	118.1	120.6	117.0	3.61	33.382		
900.0	900.0	872.3	866.2	1.9	2.3	92.63	-6.4	138.3	142.3	138.0	4.23	33.653		
1,000.0	1,000.0	969.6	960.8	2.1	2.8	92.87	-8.1	160.7	165.3	160.4	4.89	33.781		
1,100.0	1,100.0	1,066.9	1,055.5	2.4	3.3	93.06	-9.8	183.1	188.4	182.8	5.57	33.822		
1,200.0	1,200.0	1,164.2	1,150.2	2.6	3.7	93.20	-11.5	205.5	211.5	205.2	6.25	33.816		
1,300.0	1,300.0	1,261.5	1,244.9	2.8	4.2	93.31	-13.2	227.9	234.6	227.6	6.94	33.788		
1,400.0	1,400.0	1,358.8	1,339.5	3.0	4.7	93.41	-14.9	250.3	257.7	250.0	7.63	33.751		
1,500.0	1,500.0	1,456.1	1,434.2	3.3	5.2	93.49	-16.6	272.7	280.7	272.4	8.33	33.710		
1,600.0	1,600.0	1,553.8	1,529.2	3.5	5.6	-8.66	-18.3	295.1	302.1	295.0	7.17	42.151		
1,700.0	1,699.8	1,652.2	1,624.9	3.7	6.1	-8.69	-20.1	317.8	320.2	312.5	7.63	41.979		
1,800.0	1,799.5	1,751.1	1,721.2	3.9	6.6	-8.81	-21.8	340.5	334.8	326.7	8.09	41.386		
1,900.0	1,898.8	1,850.4	1,817.8	4.1	7.1	-9.02	-23.6	363.4	346.4	337.9	8.56	40.473		
2,000.0	1,998.0	1,949.7	1,914.5	4.3	7.6	-9.25	-25.3	386.3	357.7	348.6	9.04	39.570		
2,100.0	2,097.3	2,049.1	2,011.2	4.6	8.1	-9.46	-27.1	409.1	368.9	359.4	9.52	38.739		
2,200.0	2,196.5	2,148.4	2,107.8	4.8	8.6	-9.66	-28.8	432.0	380.2	370.2	10.01	37.974		
2,300.0	2,295.8	2,247.8	2,204.5	5.1	9.1	-9.85	-30.5	454.9	391.4	380.9	10.50	37.268		
2,400.0	2,395.1	2,347.2	2,301.2	5.4	9.6	-10.03	-32.3	477.7	402.7	391.7	11.00	36.615		
2,500.0	2,494.3	2,446.5	2,397.8	5.7	10.1	-10.20	-34.0	500.6	414.0	402.5	11.50	36.010		
2,600.0	2,593.6	2,545.9	2,494.5	5.9	10.6	-10.36	-35.8	523.5	425.3	413.3	12.00	35.448		
2,700.0	2,692.8	2,645.2	2,591.2	6.2	11.1	-10.51	-37.5	546.4	436.5	424.0	12.50	34.925		
2,800.0	2,792.1	2,744.6	2,687.9	6.5	11.6	-10.65	-39.3	569.2	447.8	434.8	13.00	34.437		
2,900.0	2,891.4	2,843.9	2,784.5	6.8	12.1	-10.79	-41.0	592.1	459.1	445.6	13.51	33.982		
3,000.0	2,990.6	2,943.3	2,881.2	7.1	12.6	-10.92	-42.8	615.0	470.4	456.4	14.02	33.555		
3,100.0	3,089.9	3,042.6	2,977.9	7.4	13.1	-11.04	-44.5	637.8	481.7	467.1	14.53	33.155		
3,200.0	3,189.1	3,142.0	3,074.5	7.7	13.6	-11.16	-46.3	660.7	493.0	477.9	15.04	32.779		
3,300.0	3,288.4	3,241.4	3,171.2	8.0	14.1	-11.27	-48.0	683.6	504.3	488.7	15.55	32.426		
3,400.0	3,387.7	3,340.7	3,267.9	8.3	14.6	-11.38	-49.8	706.4	515.5	499.5	16.06	32.092		
3,500.0	3,486.9	3,440.1	3,364.6	8.6	15.1	-11.48	-51.5	729.3	526.8	510.3	16.58	31.778		
3,600.0	3,586.2	3,539.4	3,461.2	8.9	15.6	-11.58	-53.3	752.2	538.1	521.0	17.09	31.481		
3,700.0	3,685.4	3,638.8	3,557.9	9.2	16.1	-11.68	-55.0	775.0	549.4	531.8	17.61	31.199		
3,800.0	3,784.7	3,738.1	3,654.6	9.5	16.6	-11.77	-56.8	797.9	560.7	542.6	18.13	30.933		
3,900.0	3,884.0	3,837.5	3,751.3	9.8	17.1	-11.86	-58.5	820.8	572.0	553.4	18.65	30.679		
4,000.0	3,983.2	3,936.9	3,847.9	10.1	17.6	-11.94	-60.3	843.7	583.3	564.2	19.16	30.439		
4,100.0	4,082.5	4,036.2	3,944.6	10.4	18.1	-12.02	-62.0	866.5	594.6	575.0	19.68	30.210 SF		

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	landmark
<b>Reference Design:</b>	Plan #1 (9-4-14)	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 5129.5ft (RKB - 22.5')

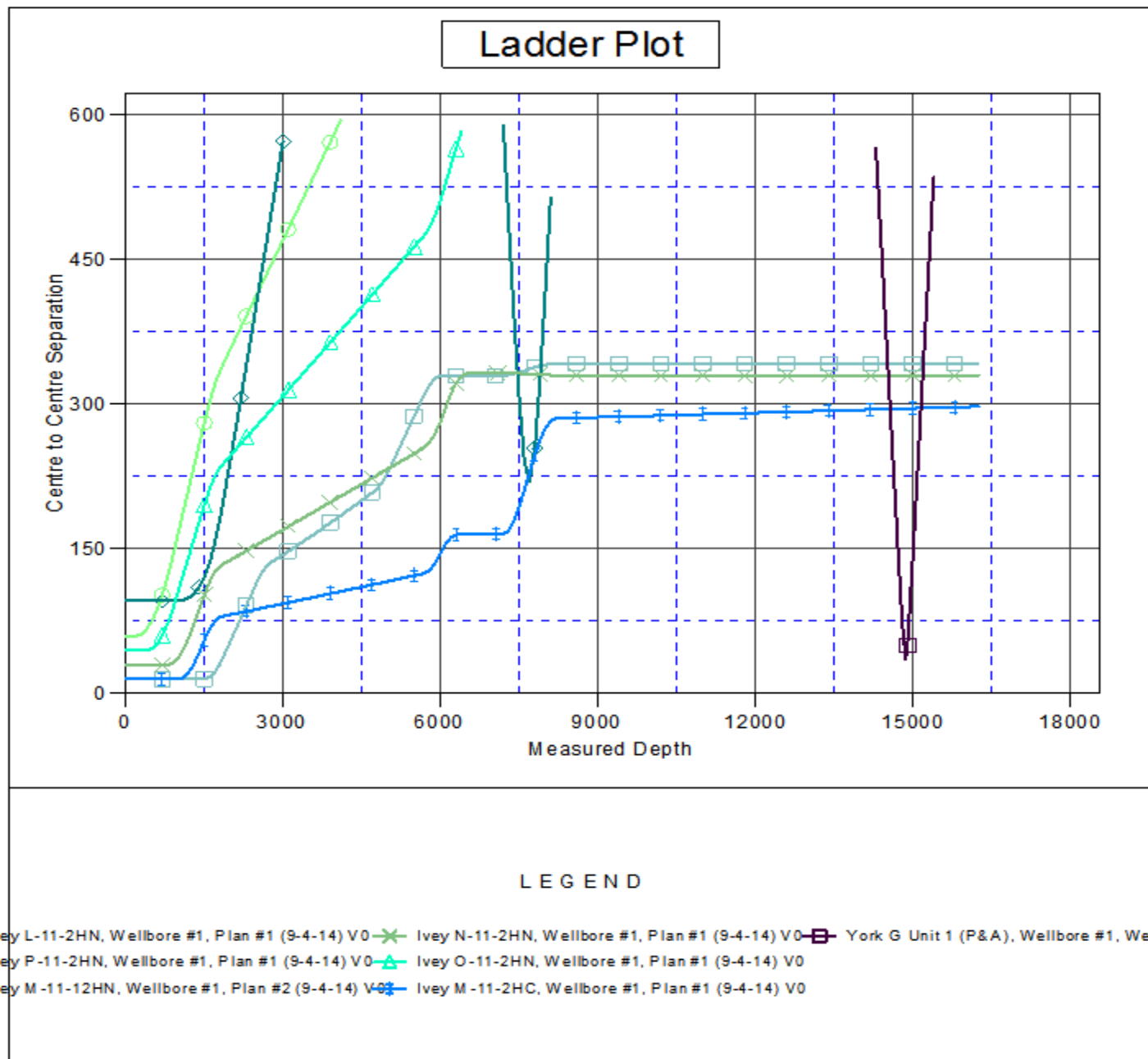
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: Ivey M-11-2HN

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.35°



<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Ivey M-11-2HN
<b>Project:</b>	SEC.11-T1S-R68W	<b>TVD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Reference Site:</b>	Ivey Pad Sec.11-T1S-R68W	<b>MD Reference:</b>	WELL @ 5129.5ft (RKB - 22.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Ivey M-11-2HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
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