

Bayswater Exploration & Production, LLC

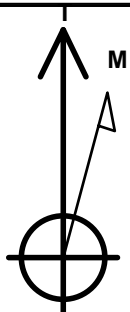
Well Name: **Holton L-12HN**

Surface Location: Holton 12-C Pad Sec.12-T6N-R65W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
Ground Elevation: 4714.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1428504.11	3248010.55	40.506221	-104.608098	
Original Well Elev WELL @ 4736.5ft (Original Well Elev)						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 555'FNL, 1797'FEL	1.0	0.0	0.0	Point
BHL 465'FSL, 1565'FEL	6944.0	-4268.7	211.4	Point
LANDING PT. 465'FNL, 1533'FEL	6992.0	83.1	264.2	Point



Azimuths to True North
Magnetic North: 8.41°

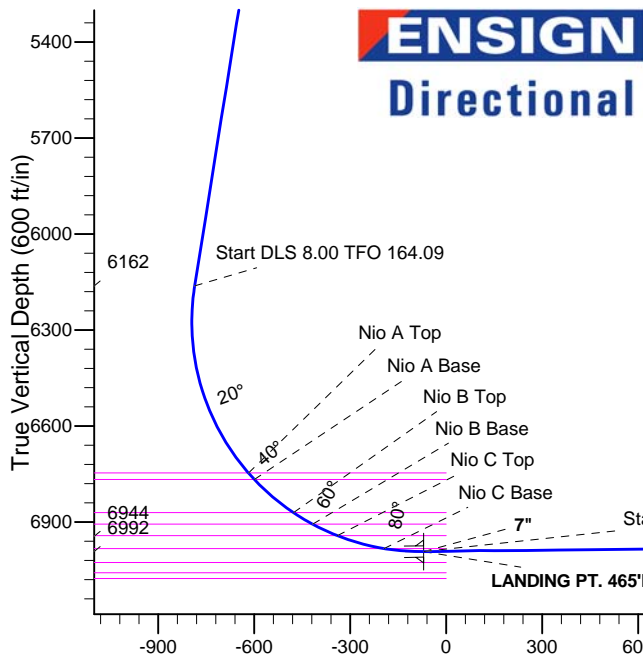
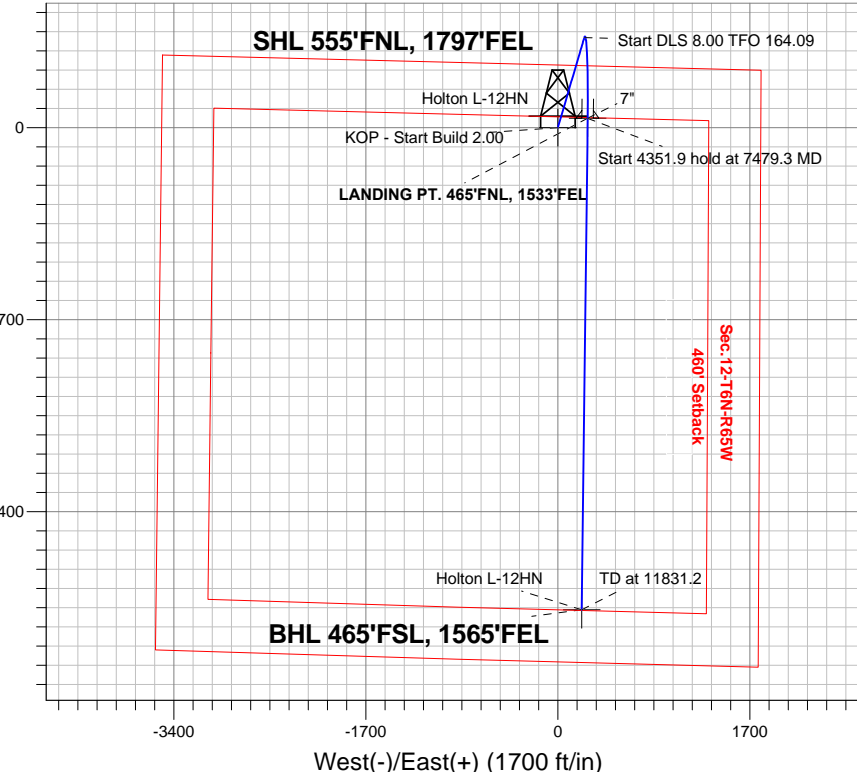
Magnetic Field
Strength: 52909.5snT
Dip Angle: 67.06°
Date: 4/1/2014
Model: IGRF2010

Holton 12-C Pad Sec.12-T6N-R65W
Holton L-12HN
Plan #1 (4-01-14)
13:30, April 04 2014

ANNOTATIONS

TVD	MD	Annotation
1000.0	1000.0	KOP - Start Build 2.00
6161.8	6230.5	Start DLS 8.00 TFO 164.09
6992.0	7479.3	Start 4351.9 hold at 7479.3 MD
6944.0	11831.2	TD at 11831.2

South(-)/North(+) (1700 ft/in)



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	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1479.8	9.60	16.37	1477.6	38.5	11.3	2.00	16.37	-37.9	
4	6230.5	9.60	16.37	6161.8	798.3	234.6	0.00	0.00	-785.7	
5	7478.8	90.63	180.70	6992.0	83.1	264.2	8.00	164.09	-69.9	LANDING PT. 465'FNL, 1533'FEL
6	7479.3	90.63	180.70	6992.0	82.6	264.2	1.00	-90.00	-69.4	
7	11831.2	90.63	180.70	6944.0	-4268.7	211.4	0.00	0.00	4273.9	BHL 465'FSL, 1565'FEL

BHL 465'FSL, 1565'FEL

TD at 11831.2

Vertical Section at 177.17° (600 ft/in)



Bayswater Exploration & Production, LLC

SEC.12-T6N-R65W

Holton 12-C Pad Sec.12-T6N-R65W

Holton L-12HN

Wellbore #1

Plan: Plan #1 (4-01-14)

Standard Planning Report

04 April, 2014



Database:	landmark	Local Co-ordinate Reference:	Well Holton L-12HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Project:	SEC.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site:	Holton 12-C Pad Sec.12-T6N-R65W	North Reference:	True
Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (4-01-14)		

Project	SEC.12-T6N-R65W, Weld County, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site						Holton 12-C Pad Sec.12-T6N-R65W											
Site Position:						Northing:			1,428,505.94 ft			Latitude:			40.506229		
From:			Lat/Long			Easting:			3,247,902.63 ft			Longitude:			-104.608486		
Position Uncertainty:			0.0 ft			Slot Radius:			"			Grid Convergence:			0.58 °		

Well	Holton L-12HN					
Well Position	+N-S	-2.9 ft	Northing:	1,428,504.11 ft	Latitude:	40.506221
	+E-W	107.9 ft	Easting:	3,248,010.55 ft	Longitude:	-104.608098
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,714.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/1/2014	8.41	67.06	52,909

Design	Plan #1 (4-01-14)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	177.17

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,479.8	9.60	16.37	1,477.6	38.5	11.3	2.00	2.00	0.00	16.37	
6,230.5	9.60	16.37	6,161.8	798.3	234.6	0.00	0.00	0.00	0.00	
7,478.8	90.63	180.70	6,992.0	83.1	264.2	8.00	6.49	13.16	164.09	LANDING PT. 465'I
7,479.3	90.63	180.70	6,992.0	82.6	264.2	1.00	0.00	-1.00	-90.00	
11,831.2	90.63	180.70	6,944.0	-4,268.7	211.4	0.00	0.00	0.00	0.00	BHL 465'FSL, 1565

Database:	landmark	Local Co-ordinate Reference:	Well Holton L-12HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Project:	SEC.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site:	Holton 12-C Pad Sec.12-T6N-R65W	North Reference:	True
Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (4-01-14)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 555'FNL, 1797'FEL									
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
KOP - Start Build 2.00									
1,100.0	2.00	16.37	1,100.0	1.7	0.5	-1.6	2.00	2.00	0.00
1,200.0	4.00	16.37	1,199.8	6.7	2.0	-6.6	2.00	2.00	0.00
1,300.0	6.00	16.37	1,299.5	15.1	4.4	-14.8	2.00	2.00	0.00
1,400.0	8.00	16.37	1,398.7	26.7	7.9	-26.3	2.00	2.00	0.00
1,479.8	9.60	16.37	1,477.6	38.5	11.3	-37.9	2.00	2.00	0.00
1,500.0	9.60	16.37	1,497.5	41.7	12.2	-41.0	0.00	0.00	0.00
1,600.0	9.60	16.37	1,596.1	57.7	16.9	-56.8	0.00	0.00	0.00
1,700.0	9.60	16.37	1,694.7	73.7	21.6	-72.5	0.00	0.00	0.00
1,800.0	9.60	16.37	1,793.3	89.7	26.3	-88.3	0.00	0.00	0.00
1,900.0	9.60	16.37	1,891.9	105.7	31.0	-104.0	0.00	0.00	0.00
2,000.0	9.60	16.37	1,990.5	121.7	35.7	-119.7	0.00	0.00	0.00
2,100.0	9.60	16.37	2,089.1	137.7	40.4	-135.5	0.00	0.00	0.00
2,200.0	9.60	16.37	2,187.7	153.6	45.1	-151.2	0.00	0.00	0.00
2,300.0	9.60	16.37	2,286.3	169.6	49.8	-167.0	0.00	0.00	0.00
2,400.0	9.60	16.37	2,384.9	185.6	54.5	-182.7	0.00	0.00	0.00
2,500.0	9.60	16.37	2,483.5	201.6	59.2	-198.5	0.00	0.00	0.00
2,600.0	9.60	16.37	2,582.1	217.6	63.9	-214.2	0.00	0.00	0.00
2,700.0	9.60	16.37	2,680.7	233.6	68.6	-229.9	0.00	0.00	0.00
2,800.0	9.60	16.37	2,779.3	249.6	73.3	-245.7	0.00	0.00	0.00
2,900.0	9.60	16.37	2,877.9	265.6	78.0	-261.4	0.00	0.00	0.00
3,000.0	9.60	16.37	2,976.5	281.6	82.7	-277.2	0.00	0.00	0.00
3,100.0	9.60	16.37	3,075.1	297.6	87.4	-292.9	0.00	0.00	0.00
3,200.0	9.60	16.37	3,173.7	313.6	92.1	-308.6	0.00	0.00	0.00
3,300.0	9.60	16.37	3,272.3	329.6	96.8	-324.4	0.00	0.00	0.00
3,400.0	9.60	16.37	3,370.9	345.6	101.5	-340.1	0.00	0.00	0.00
3,500.0	9.60	16.37	3,469.5	361.6	106.2	-355.9	0.00	0.00	0.00
3,600.0	9.60	16.37	3,568.1	377.6	110.9	-371.6	0.00	0.00	0.00
3,700.0	9.60	16.37	3,666.7	393.6	115.6	-387.4	0.00	0.00	0.00
3,702.8	9.60	16.37	3,669.5	394.0	115.8	-387.8	0.00	0.00	0.00
Parkman									
3,800.0	9.60	16.37	3,765.3	409.6	120.3	-403.1	0.00	0.00	0.00
3,900.0	9.60	16.37	3,863.9	425.5	125.0	-418.8	0.00	0.00	0.00
4,000.0	9.60	16.37	3,962.5	441.5	129.7	-434.6	0.00	0.00	0.00
4,100.0	9.60	16.37	4,061.1	457.5	134.4	-450.3	0.00	0.00	0.00
4,200.0	9.60	16.37	4,159.7	473.5	139.1	-466.1	0.00	0.00	0.00
4,300.0	9.60	16.37	4,258.3	489.5	143.8	-481.8	0.00	0.00	0.00
4,400.0	9.60	16.37	4,356.9	505.5	148.5	-497.6	0.00	0.00	0.00
4,500.0	9.60	16.37	4,455.5	521.5	153.2	-513.3	0.00	0.00	0.00
4,528.4	9.60	16.37	4,483.5	526.1	154.6	-517.8	0.00	0.00	0.00
Sussex									

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Site:	Holton 12-C Pad Sec.12-T6N-R65W	North Reference:	True
Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (4-01-14)		

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)
4,600.0	9.60	16.37	4,554.1	537.5	157.9	-529.0	0.00	0.00	0.00
4,700.0	9.60	16.37	4,652.7	553.5	162.6	-544.8	0.00	0.00	0.00
4,800.0	9.60	16.37	4,751.3	569.5	167.3	-560.5	0.00	0.00	0.00
4,900.0	9.60	16.37	4,849.9	585.5	172.0	-576.3	0.00	0.00	0.00
5,000.0	9.60	16.37	4,948.5	601.5	176.7	-592.0	0.00	0.00	0.00
5,032.5	9.60	16.37	4,980.5	606.7	178.3	-597.1	0.00	0.00	0.00
Shannon									
5,100.0	9.60	16.37	5,047.1	617.5	181.4	-607.8	0.00	0.00	0.00
5,200.0	9.60	16.37	5,145.7	633.5	186.1	-623.5	0.00	0.00	0.00
5,300.0	9.60	16.37	5,244.3	649.5	190.8	-639.2	0.00	0.00	0.00
5,400.0	9.60	16.37	5,342.9	665.5	195.5	-655.0	0.00	0.00	0.00
5,500.0	9.60	16.37	5,441.5	681.5	200.2	-670.7	0.00	0.00	0.00
5,600.0	9.60	16.37	5,540.1	697.5	204.9	-686.5	0.00	0.00	0.00
5,700.0	9.60	16.37	5,638.7	713.4	209.6	-702.2	0.00	0.00	0.00
5,800.0	9.60	16.37	5,737.3	729.4	214.3	-717.9	0.00	0.00	0.00
5,900.0	9.60	16.37	5,835.9	745.4	219.0	-733.7	0.00	0.00	0.00
6,000.0	9.60	16.37	5,934.5	761.4	223.7	-749.4	0.00	0.00	0.00
6,100.0	9.60	16.37	6,033.1	777.4	228.4	-765.2	0.00	0.00	0.00
6,200.0	9.60	16.37	6,131.7	793.4	233.1	-780.9	0.00	0.00	0.00
6,230.5	9.60	16.37	6,161.8	798.3	234.6	-785.7	0.00	0.00	0.00
Start DLS 8.00 TFO 164.09									
6,300.0	4.51	36.12	6,230.7	806.1	237.8	-793.3	8.00	-7.32	28.40
6,400.0	5.06	149.53	6,330.6	805.4	242.4	-792.5	8.00	0.54	113.41
6,500.0	12.60	168.86	6,429.3	790.9	246.7	-777.8	8.00	7.54	19.33
6,600.0	20.49	173.64	6,525.1	762.8	250.8	-749.5	8.00	7.89	4.78
6,700.0	28.44	175.82	6,616.1	721.6	254.5	-708.1	8.00	7.95	2.19
6,800.0	36.41	177.11	6,700.4	668.1	257.7	-654.5	8.00	7.97	1.29
6,859.1	41.12	177.67	6,746.5	631.1	259.4	-617.5	8.00	7.98	0.94
Nio A Top									
6,886.1	43.28	177.89	6,766.5	613.0	260.1	-599.4	8.00	7.98	0.81
Nio A Base									
6,900.0	44.39	177.99	6,776.5	603.4	260.4	-589.8	8.00	7.98	0.76
7,000.0	52.37	178.65	6,842.9	528.8	262.6	-515.1	8.00	7.98	0.66
7,047.3	56.15	178.91	6,870.5	490.4	263.4	-476.7	8.00	7.99	0.56
Nio B Top									
7,100.0	60.36	179.18	6,898.2	445.6	264.1	-432.0	8.00	7.99	0.51
7,117.1	61.73	179.26	6,906.5	430.6	264.3	-417.0	8.00	7.99	0.48
Nio B Base									
7,200.0	68.35	179.63	6,941.5	355.5	265.1	-342.0	8.00	7.99	0.45
7,202.8	68.58	179.64	6,942.5	352.9	265.1	-339.3	8.00	7.99	0.42
Nio C Top									
7,300.0	76.34	180.03	6,971.8	260.3	265.3	-246.9	8.00	7.99	0.40
7,353.8	80.64	180.24	6,982.5	207.6	265.2	-194.2	8.00	7.99	0.38
Nio C Base									
7,400.0	84.33	180.41	6,988.5	161.8	264.9	-148.5	8.00	7.99	0.37
7,478.8	90.63	180.70	6,992.0	83.1	264.2	-69.9	8.00	7.99	0.37
7" - LANDING PT. 465'FNL, 1533'FEL									
7,479.3	90.63	180.70	6,992.0	82.6	264.2	-69.4	1.17	0.66	-0.97
Start 4351.9 hold at 7479.3 MD									
7,500.0	90.63	180.70	6,991.8	61.9	263.9	-48.8	0.00	0.00	0.00
7,600.0	90.63	180.70	6,990.7	-38.1	262.7	51.0	0.00	0.00	0.00
7,700.0	90.63	180.70	6,989.6	-138.1	261.5	150.8	0.00	0.00	0.00

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Site:	Holton 12-C Pad Sec.12-T6N-R65W	North Reference:	True
Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (4-01-14)		

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)
7,800.0	90.63	180.70	6,988.5	-238.0	260.3	250.6	0.00	0.00	0.00
7,900.0	90.63	180.70	6,987.4	-338.0	259.1	350.4	0.00	0.00	0.00
8,000.0	90.63	180.70	6,986.3	-438.0	257.9	450.2	0.00	0.00	0.00
8,100.0	90.63	180.70	6,985.1	-538.0	256.6	550.0	0.00	0.00	0.00
8,200.0	90.63	180.70	6,984.0	-638.0	255.4	649.8	0.00	0.00	0.00
8,300.0	90.63	180.70	6,982.9	-738.0	254.2	749.6	0.00	0.00	0.00
8,400.0	90.63	180.70	6,981.8	-838.0	253.0	849.5	0.00	0.00	0.00
8,500.0	90.63	180.70	6,980.7	-938.0	251.8	949.3	0.00	0.00	0.00
8,600.0	90.63	180.70	6,979.6	-1,037.9	250.6	1,049.1	0.00	0.00	0.00
8,700.0	90.63	180.70	6,978.5	-1,137.9	249.4	1,148.9	0.00	0.00	0.00
8,800.0	90.63	180.70	6,977.4	-1,237.9	248.2	1,248.7	0.00	0.00	0.00
8,900.0	90.63	180.70	6,976.3	-1,337.9	246.9	1,348.5	0.00	0.00	0.00
9,000.0	90.63	180.70	6,975.2	-1,437.9	245.7	1,448.3	0.00	0.00	0.00
9,100.0	90.63	180.70	6,974.1	-1,537.9	244.5	1,548.1	0.00	0.00	0.00
9,200.0	90.63	180.70	6,973.0	-1,637.9	243.3	1,647.9	0.00	0.00	0.00
9,300.0	90.63	180.70	6,971.9	-1,737.8	242.1	1,747.7	0.00	0.00	0.00
9,400.0	90.63	180.70	6,970.8	-1,837.8	240.9	1,847.5	0.00	0.00	0.00
9,500.0	90.63	180.70	6,969.7	-1,937.8	239.7	1,947.3	0.00	0.00	0.00
9,600.0	90.63	180.70	6,968.6	-2,037.8	238.4	2,047.1	0.00	0.00	0.00
9,700.0	90.63	180.70	6,967.5	-2,137.8	237.2	2,146.9	0.00	0.00	0.00
9,800.0	90.63	180.70	6,966.4	-2,237.8	236.0	2,246.7	0.00	0.00	0.00
9,900.0	90.63	180.70	6,965.3	-2,337.8	234.8	2,346.5	0.00	0.00	0.00
10,000.0	90.63	180.70	6,964.2	-2,437.7	233.6	2,446.3	0.00	0.00	0.00
10,100.0	90.63	180.70	6,963.1	-2,537.7	232.4	2,546.1	0.00	0.00	0.00
10,200.0	90.63	180.70	6,962.0	-2,637.7	231.2	2,645.9	0.00	0.00	0.00
10,300.0	90.63	180.70	6,960.9	-2,737.7	230.0	2,745.7	0.00	0.00	0.00
10,400.0	90.63	180.70	6,959.8	-2,837.7	228.7	2,845.5	0.00	0.00	0.00
10,500.0	90.63	180.70	6,958.7	-2,937.7	227.5	2,945.3	0.00	0.00	0.00
10,600.0	90.63	180.70	6,957.6	-3,037.7	226.3	3,045.1	0.00	0.00	0.00
10,700.0	90.63	180.70	6,956.5	-3,137.7	225.1	3,144.9	0.00	0.00	0.00
10,800.0	90.63	180.70	6,955.4	-3,237.6	223.9	3,244.8	0.00	0.00	0.00
10,900.0	90.63	180.70	6,954.3	-3,337.6	222.7	3,344.6	0.00	0.00	0.00
11,000.0	90.63	180.70	6,953.2	-3,437.6	221.5	3,444.4	0.00	0.00	0.00
11,100.0	90.63	180.70	6,952.1	-3,537.6	220.3	3,544.2	0.00	0.00	0.00
11,200.0	90.63	180.70	6,951.0	-3,637.6	219.0	3,644.0	0.00	0.00	0.00
11,300.0	90.63	180.70	6,949.9	-3,737.6	217.8	3,743.8	0.00	0.00	0.00
11,400.0	90.63	180.70	6,948.8	-3,837.6	216.6	3,843.6	0.00	0.00	0.00
11,500.0	90.63	180.70	6,947.7	-3,937.5	215.4	3,943.4	0.00	0.00	0.00
11,600.0	90.63	180.70	6,946.5	-4,037.5	214.2	4,043.2	0.00	0.00	0.00
11,700.0	90.63	180.70	6,945.4	-4,137.5	213.0	4,143.0	0.00	0.00	0.00
11,800.0	90.63	180.70	6,944.3	-4,237.5	211.8	4,242.8	0.00	0.00	0.00
11,831.2	90.63	180.70	6,944.0	-4,268.7	211.4	4,273.9	0.00	0.00	0.00
TD at 11831.2 - BHL 465'FSL, 1565'FEL									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,478.8	6,992.0	7"	7	7-1/2	

Database:	landmark	Local Co-ordinate Reference:	Well Holton L-12HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Project:	SEC.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site:	Holton 12-C Pad Sec.12-T6N-R65W	North Reference:	True
Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (4-01-14)		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,702.8	3,669.5	Parkman		0.00		
4,528.4	4,483.5	Sussex		0.00		
5,032.5	4,980.5	Shannon				
6,859.1	6,746.5	Nio A Top				
6,886.1	6,766.5	Nio A Base				
7,047.3	6,870.5	Nio B Top				
7,117.1	6,906.5	Nio B Base				
7,202.8	6,942.5	Nio C Top				
7,353.8	6,982.5	Nio C Base				
3,737.5	7,026.5	Fort Hays				
3,737.5	7,058.5	Codell				
3,737.5	7,076.5	Base of Codell				

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
1,000.0	1,000.0	0.0	0.0	KOP - Start Build 2.00	
6,230.5	6,161.8	798.3	234.6	Start DLS 8.00 TFO 164.09	
7,479.3	6,992.0	82.6	264.2	Start 4351.9 hold at 7479.3 MD	
11,831.2	6,944.0	-4,268.7	211.4	TD at 11831.2	



Bayswater Exploration & Production, LLC

SEC.12-T6N-R65W

Holton 12-C Pad Sec.12-T6N-R65W

Holton L-12HN

Wellbore #1

Plan #1 (4-01-14)

Anticollision Report

04 April, 2014



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (4-01-14)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 1,000.0ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program	Date 4/4/2014			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	11,831.2	Plan #1 (4-01-14) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Holton 12-C Pad Sec.12-T6N-R65W						
Holton F-12HN - Wellbore #1 - Plan #1 (4-01-14)	165.3	169.3	107.9	107.4	204.734	CC
Holton F-12HN - Wellbore #1 - Plan #1 (4-01-14)	200.0	203.9	107.9	107.3	158.068	ES
Holton F-12HN - Wellbore #1 - Plan #1 (4-01-14)	3,800.0	3,640.3	990.8	967.7	42.895	SF
Holton G-12HN - Wellbore #1 - Plan #1 (4-01-14)	365.3	369.3	90.1	88.7	63.197	CC
Holton G-12HN - Wellbore #1 - Plan #1 (4-01-14)	400.0	403.9	90.1	88.6	56.979	ES
Holton G-12HN - Wellbore #1 - Plan #1 (4-01-14)	900.0	886.6	127.6	123.7	33.116	SF
Holton H-12HN - Wellbore #1 - Plan #1 (4-01-14)	565.3	569.3	72.0	69.7	30.983	CC
Holton H-12HN - Wellbore #1 - Plan #1 (4-01-14)	600.0	603.9	72.0	69.6	29.039	ES
Holton H-12HN - Wellbore #1 - Plan #1 (4-01-14)	1,000.0	994.2	94.3	90.0	22.055	SF
Holton I-12HN - Wellbore #1 - Plan #1 (4-01-14)	765.3	769.3	54.0	50.7	16.737	CC
Holton I-12HN - Wellbore #1 - Plan #1 (4-01-14)	800.0	804.0	54.0	50.6	15.966	ES
Holton I-12HN - Wellbore #1 - Plan #1 (4-01-14)	11,831.2	11,881.5	990.2	815.2	5.660	SF
Holton J-12HC - Wellbore #1 - Plan #1 (4-01-14)	965.3	969.3	36.2	32.0	8.771	CC
Holton J-12HC - Wellbore #1 - Plan #1 (4-01-14)	1,000.0	1,004.0	36.2	31.9	8.452	ES
Holton J-12HC - Wellbore #1 - Plan #1 (4-01-14)	11,831.2	11,922.8	665.5	491.5	3.824	SF
Holton K-12HN - Wellbore #1 - Plan #1 (4-01-14)	1,000.0	1,001.0	18.1	13.8	4.231	CC, ES
Holton K-12HN - Wellbore #1 - Plan #1 (4-01-14)	11,831.2	11,761.2	336.4	164.0	1.951	SF
Holton M-12HC - Wellbore #1 - Plan #1 (4-01-14)	500.0	500.0	18.1	16.1	8.937	CC, ES
Holton M-12HC - Wellbore #1 - Plan #1 (4-01-14)	11,831.2	11,921.0	338.6	167.8	1.983	SF

Offset Design Holton 12-C Pad Sec.12-T6N-R65W - Holton F-12HN - Wellbore #1 - Plan #1 (4-01-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Vertical Depth (ft)	Semi Major Axis Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	4.0	4.0	0.0	0.0	-88.45	2.9	-107.9	107.9	107.9	0.00	N/A		
100.0	100.0	104.0	104.0	0.1	0.1	-88.45	2.9	-107.9	107.9	107.7	0.23	461.745		
165.3	165.3	169.3	169.3	0.3	0.3	-88.45	2.9	-107.9	107.9	107.4	0.53	204.734	CC	
200.0	200.0	203.9	203.9	0.3	0.3	-88.45	2.9	-107.9	107.9	107.3	0.68	158.068	ES	
300.0	300.0	300.0	300.0	0.6	0.6	-88.00	3.8	-109.4	109.5	108.4	1.12	97.817		
400.0	400.0	397.2	397.1	0.8	0.8	-86.76	6.4	-113.7	114.1	112.5	1.57	72.845		
500.0	500.0	493.3	492.8	1.0	1.0	-84.93	10.7	-120.7	121.7	119.7	2.02	60.170		
600.0	600.0	588.8	587.6	1.2	1.3	-82.75	16.6	-130.4	132.5	130.0	2.49	53.156		
700.0	700.0	683.4	681.1	1.5	1.6	-80.44	24.0	-142.7	146.5	143.5	2.98	49.240		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Holton 12-C Pad Sec.12-T6N-R65W - Holton F-12HN - Wellbore #1 - Plan #1 (4-01-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
800.0	800.0	776.9	773.0	1.7	2.0	-78.17	33.0	-157.4	163.8	160.3	3.47	47.199	
900.0	900.0	869.2	863.2	1.9	2.3	-76.06	43.3	-174.4	184.3	180.3	3.97	46.369	
1,000.0	1,000.0	960.2	951.3	2.1	2.8	-74.16	54.9	-193.6	208.0	203.6	4.49	46.352	
1,100.0	1,100.0	1,052.2	1,039.7	2.4	3.3	-88.70	68.1	-215.3	234.7	229.9	4.85	48.391	
1,200.0	1,199.8	1,148.3	1,132.0	2.6	3.8	-87.81	82.1	-238.5	262.0	256.7	5.34	49.108	
1,300.0	1,299.5	1,244.6	1,224.3	2.8	4.4	-87.71	96.2	-261.6	289.2	283.4	5.84	49.553	
1,400.0	1,398.7	1,340.7	1,316.5	3.1	4.9	-88.19	110.3	-284.8	316.3	309.9	6.36	49.709	
1,500.0	1,497.5	1,436.6	1,408.5	3.3	5.5	-89.20	124.3	-307.9	343.4	336.5	6.93	49.567	
1,600.0	1,596.1	1,532.4	1,500.5	3.6	6.0	-90.62	138.3	-330.9	370.7	363.2	7.53	49.209	
1,700.0	1,694.7	1,628.2	1,592.4	3.9	6.6	-91.85	152.3	-354.0	398.2	390.1	8.16	48.789	
1,800.0	1,793.3	1,724.0	1,684.3	4.2	7.2	-92.92	166.3	-377.1	425.9	417.1	8.81	48.343	
1,900.0	1,891.9	1,819.8	1,776.3	4.6	7.7	-93.86	180.3	-400.2	453.7	444.2	9.47	47.896	
2,000.0	1,990.5	1,915.6	1,868.2	4.9	8.3	-94.69	194.3	-423.3	481.6	471.4	10.15	47.460	
2,100.0	2,089.1	2,011.4	1,960.1	5.2	8.9	-95.43	208.3	-446.3	509.5	498.7	10.83	47.043	
2,200.0	2,187.7	2,107.3	2,052.1	5.6	9.4	-96.10	222.3	-469.4	537.6	526.0	11.52	46.649	
2,300.0	2,286.3	2,203.1	2,144.0	5.9	10.0	-96.70	236.3	-492.5	565.7	553.4	12.22	46.279	
2,400.0	2,384.9	2,298.9	2,235.9	6.3	10.6	-97.24	250.3	-515.6	593.8	580.9	12.93	45.933	
2,500.0	2,483.5	2,394.7	2,327.9	6.6	11.1	-97.73	264.3	-538.6	622.0	608.4	13.64	45.609	
2,600.0	2,582.1	2,490.5	2,419.8	7.0	11.7	-98.18	278.3	-561.7	650.2	635.9	14.35	45.307	
2,700.0	2,680.7	2,586.3	2,511.7	7.4	12.3	-98.60	292.3	-584.8	678.5	663.4	15.07	45.026	
2,800.0	2,779.3	2,682.1	2,603.7	7.7	12.9	-98.98	306.3	-607.9	706.8	691.0	15.79	44.763	
2,900.0	2,877.9	2,777.9	2,695.6	8.1	13.4	-99.33	320.3	-630.9	735.1	718.6	16.51	44.518	
3,000.0	2,976.5	2,873.8	2,787.5	8.5	14.0	-99.65	334.3	-654.0	763.4	746.2	17.24	44.289	
3,100.0	3,075.1	2,969.6	2,879.4	8.8	14.6	-99.95	348.3	-677.1	791.8	773.8	17.97	44.074	
3,200.0	3,173.7	3,065.4	2,971.4	9.2	15.1	-100.23	362.4	-700.2	820.2	801.5	18.69	43.873	
3,300.0	3,272.3	3,161.2	3,063.3	9.6	15.7	-100.50	376.4	-723.2	848.6	829.2	19.43	43.685	
3,400.0	3,370.9	3,257.0	3,155.2	9.9	16.3	-100.74	390.4	-746.3	877.0	856.8	20.16	43.507	
3,500.0	3,469.5	3,352.8	3,247.2	10.3	16.8	-100.97	404.4	-769.4	905.4	884.5	20.89	43.341	
3,600.0	3,568.1	3,448.6	3,339.1	10.7	17.4	-101.19	418.4	-792.5	933.9	912.2	21.63	43.183	
3,700.0	3,666.7	3,544.4	3,431.0	11.0	18.0	-101.39	432.4	-815.6	962.3	940.0	22.36	43.035	
3,800.0	3,765.3	3,640.3	3,523.0	11.4	18.6	-101.58	446.4	-838.6	990.8	967.7	23.10	42.895 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
0.0	0.0	4.0	4.0	0.0	0.0	-88.38	2.6	-90.1	90.1	90.1	0.00	N/A	
100.0	100.0	104.0	104.0	0.1	0.1	-88.38	2.6	-90.1	90.1	89.9	0.23	385.594	
200.0	200.0	204.0	204.0	0.3	0.3	-88.38	2.6	-90.1	90.1	89.5	0.68	131.914	
300.0	300.0	304.0	304.0	0.6	0.6	-88.38	2.6	-90.1	90.1	89.0	1.13	79.567	
365.3	365.3	369.3	369.3	0.7	0.7	-88.38	2.6	-90.1	90.1	88.7	1.43	63.197 CC	
400.0	400.0	403.9	403.9	0.8	0.8	-88.38	2.6	-90.1	90.1	88.6	1.58	56.979 ES	
500.0	500.0	501.4	501.3	1.0	1.0	-87.73	3.6	-91.5	91.6	89.6	2.02	45.340	
600.0	600.0	598.6	598.4	1.2	1.2	-86.00	6.7	-95.6	96.0	93.5	2.46	38.982	
700.0	700.0	695.3	694.8	1.5	1.5	-83.48	11.7	-102.3	103.3	100.4	2.91	35.464	
800.0	800.0	791.4	790.2	1.7	1.7	-80.53	18.6	-111.4	113.8	110.4	3.38	33.705	
900.0	900.0	886.6	884.3	1.9	2.0	-77.48	27.3	-123.1	127.6	123.7	3.85	33.116 SF	
1,000.0	1,000.0	980.8	976.8	2.1	2.3	-74.57	37.8	-137.0	144.7	140.4	4.34	33.340	
1,100.0	1,100.0	1,073.8	1,067.6	2.4	2.7	-88.48	49.9	-153.1	165.1	160.3	4.76	34.663	
1,200.0	1,199.8	1,168.6	1,159.5	2.6	3.1	-87.19	63.9	-171.7	188.1	182.9	5.24	35.874	
1,300.0	1,299.5	1,265.9	1,253.8	2.8	3.6	-86.99	78.3	-190.9	211.3	205.6	5.73	36.843	
1,400.0	1,398.7	1,363.1	1,348.0	3.1	4.1	-87.61	92.8	-210.2	234.3	228.1	6.25	37.472	
1,500.0	1,497.5	1,460.1	1,442.0	3.3	4.6	-88.90	107.3	-229.4	257.4	250.6	6.81	37.777	
1,600.0	1,596.1	1,557.1	1,535.9	3.6	5.1	-90.54	121.7	-248.6	280.6	273.2	7.41	37.860	
1,700.0	1,694.7	1,654.1	1,629.9	3.9	5.6	-91.92	136.2	-267.8	304.1	296.0	8.04	37.839	
1,800.0	1,793.3	1,751.1	1,723.8	4.2	6.1	-93.10	150.6	-287.1	327.6	318.9	8.68	37.753	
1,900.0	1,891.9	1,848.0	1,817.8	4.6	6.6	-94.13	165.0	-306.3	351.3	342.0	9.34	37.630	
2,000.0	1,990.5	1,945.0	1,911.7	4.9	7.1	-95.03	179.5	-325.5	375.1	365.1	10.01	37.486	
2,100.0	2,089.1	2,042.0	2,005.7	5.2	7.6	-95.82	193.9	-344.7	398.9	388.2	10.69	37.331	
2,200.0	2,187.7	2,139.0	2,099.6	5.6	8.1	-96.52	208.4	-363.9	422.8	411.5	11.37	37.174	
2,300.0	2,286.3	2,235.9	2,193.6	5.9	8.6	-97.14	222.8	-383.1	446.8	434.7	12.07	37.018	
2,400.0	2,384.9	2,332.9	2,287.5	6.3	9.1	-97.71	237.2	-402.3	470.8	458.0	12.77	36.865	
2,500.0	2,483.5	2,429.9	2,381.5	6.6	9.6	-98.21	251.7	-421.5	494.9	481.4	13.48	36.719	
2,600.0	2,582.1	2,526.9	2,475.4	7.0	10.1	-98.68	266.1	-440.8	519.0	504.8	14.19	36.578	
2,700.0	2,680.7	2,623.8	2,569.4	7.4	10.6	-99.10	280.6	-460.0	543.1	528.2	14.90	36.445	
2,800.0	2,779.3	2,720.8	2,663.3	7.7	11.1	-99.48	295.0	-479.2	567.2	551.6	15.62	36.318	
2,900.0	2,877.9	2,817.8	2,757.3	8.1	11.6	-99.83	309.4	-498.4	591.4	575.0	16.34	36.197	
3,000.0	2,976.5	2,914.8	2,851.2	8.5	12.1	-100.16	323.9	-517.6	615.5	598.5	17.06	36.084	
3,100.0	3,075.1	3,011.8	2,945.2	8.8	12.6	-100.46	338.3	-536.8	639.7	622.0	17.78	35.976	
3,200.0	3,173.7	3,108.7	3,039.1	9.2	13.2	-100.74	352.8	-556.0	664.0	645.5	18.51	35.874	
3,300.0	3,272.3	3,205.7	3,133.1	9.6	13.7	-101.00	367.2	-575.2	688.2	669.0	19.24	35.778	
3,400.0	3,370.9	3,302.7	3,227.0	9.9	14.2	-101.24	381.6	-594.4	712.4	692.5	19.96	35.687	
3,500.0	3,469.5	3,399.7	3,321.0	10.3	14.7	-101.46	396.1	-613.7	736.7	716.0	20.69	35.600	
3,600.0	3,568.1	3,496.6	3,414.9	10.7	15.2	-101.68	410.5	-632.9	760.9	739.5	21.42	35.518	
3,700.0	3,666.7	3,593.6	3,508.9	11.0	15.7	-101.87	425.0	-652.1	785.2	763.1	22.16	35.440	
3,800.0	3,765.3	3,690.6	3,602.8	11.4	16.2	-102.06	439.4	-671.3	809.5	786.6	22.89	35.367	
3,900.0	3,863.9	3,787.6	3,696.8	11.8	16.7	-102.24	453.8	-690.5	833.8	810.2	23.62	35.296	
4,000.0	3,962.5	3,884.5	3,790.7	12.2	17.2	-102.40	468.3	-709.7	858.1	833.7	24.36	35.230	
4,100.0	4,061.1	3,981.5	3,884.7	12.5	17.8	-102.56	482.7	-728.9	882.4	857.3	25.09	35.166	
4,200.0	4,159.7	4,078.5	3,978.6	12.9	18.3	-102.71	497.2	-748.1	906.7	880.8	25.83	35.106	
4,300.0	4,258.3	4,175.5	4,072.6	13.3	18.8	-102.85	511.6	-767.3	931.0	904.4	26.56	35.048	
4,400.0	4,356.9	4,272.4	4,166.5	13.7	19.3	-102.98	526.0	-786.6	955.3	928.0	27.30	34.993	
4,500.0	4,455.5	4,369.4	4,260.5	14.0	19.8	-103.11	540.5	-805.8	979.6	951.6	28.04	34.940	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	4.0	4.0	0.0	0.0	-88.55	1.8	-72.0	72.0	72.0	0.00	N/A	
100.0	100.0	104.0	104.0	0.1	0.1	-88.55	1.8	-72.0	72.0	71.8	0.23	308.213	
200.0	200.0	204.0	204.0	0.3	0.3	-88.55	1.8	-72.0	72.0	71.4	0.68	105.441	
300.0	300.0	304.0	304.0	0.6	0.6	-88.55	1.8	-72.0	72.0	70.9	1.13	63.599	
400.0	400.0	404.0	404.0	0.8	0.8	-88.55	1.8	-72.0	72.0	70.5	1.58	45.531	
500.0	500.0	504.0	504.0	1.0	1.0	-88.55	1.8	-72.0	72.0	70.0	2.03	35.458	
565.3	565.3	569.3	569.3	1.2	1.2	-88.55	1.8	-72.0	72.0	69.7	2.33	30.983 CC	
600.0	600.0	603.9	603.9	1.2	1.2	-88.55	1.8	-72.0	72.0	69.6	2.48	29.039 ES	
700.0	700.0	702.1	702.1	1.5	1.5	-87.58	3.1	-73.3	73.4	70.5	2.92	25.117	
800.0	800.0	800.0	799.8	1.7	1.7	-85.00	6.7	-77.0	77.4	74.0	3.36	23.003	
900.0	900.0	897.5	896.9	1.9	1.9	-81.31	12.7	-83.0	84.2	80.4	3.81	22.089	
1,000.0	1,000.0	994.2	993.0	2.1	2.2	-77.12	20.9	-91.3	94.3	90.0	4.27	22.055 SF	
1,100.0	1,100.0	1,090.2	1,087.8	2.4	2.4	-89.93	31.3	-101.8	107.7	102.9	4.73	22.785	
1,200.0	1,199.8	1,185.4	1,181.3	2.6	2.8	-87.97	43.8	-114.4	124.2	119.0	5.19	23.918	
1,300.0	1,299.5	1,281.4	1,275.1	2.8	3.1	-87.21	58.3	-129.1	143.2	137.5	5.68	25.223	
1,400.0	1,398.7	1,379.5	1,370.7	3.1	3.5	-87.70	73.6	-144.5	162.6	156.4	6.19	26.263	
1,500.0	1,497.5	1,477.5	1,466.3	3.3	3.9	-89.17	88.8	-159.9	181.9	175.1	6.74	26.973	
1,600.0	1,596.1	1,575.4	1,561.8	3.6	4.4	-90.93	104.0	-175.2	201.4	194.0	7.34	27.449	
1,700.0	1,694.7	1,673.3	1,657.3	3.9	4.8	-92.38	119.2	-190.6	221.0	213.0	7.95	27.785	
1,800.0	1,793.3	1,771.2	1,752.8	4.2	5.2	-93.60	134.4	-206.0	240.7	232.1	8.59	28.019	
1,900.0	1,891.9	1,869.1	1,848.3	4.6	5.7	-94.63	149.7	-221.3	260.6	251.3	9.25	28.181	
2,000.0	1,990.5	1,967.0	1,943.8	4.9	6.1	-95.51	164.9	-236.7	280.5	270.6	9.91	28.291	
2,100.0	2,089.1	2,064.9	2,039.3	5.2	6.6	-96.28	180.1	-252.1	300.4	289.8	10.59	28.365	
2,200.0	2,187.7	2,162.9	2,134.8	5.6	7.0	-96.95	195.3	-267.4	320.4	309.1	11.28	28.412	
2,300.0	2,286.3	2,260.8	2,230.3	5.9	7.5	-97.54	210.5	-282.8	340.5	328.5	11.97	28.440	
2,400.0	2,384.9	2,358.7	2,325.8	6.3	7.9	-98.07	225.7	-298.1	360.5	347.9	12.67	28.454	
2,500.0	2,483.5	2,456.6	2,421.3	6.6	8.4	-98.54	240.9	-313.5	380.6	367.3	13.38	28.458	
2,600.0	2,582.1	2,554.5	2,516.7	7.0	8.9	-98.97	256.2	-328.9	400.7	386.7	14.08	28.455	
2,700.0	2,680.7	2,652.4	2,612.2	7.4	9.3	-99.35	271.4	-344.2	420.9	406.1	14.80	28.446	
2,800.0	2,779.3	2,750.3	2,707.7	7.7	9.8	-99.70	286.6	-359.6	441.0	425.5	15.51	28.433	
2,900.0	2,877.9	2,848.3	2,803.2	8.1	10.2	-100.02	301.8	-375.0	461.2	445.0	16.23	28.418	
3,000.0	2,976.5	2,946.2	2,898.7	8.5	10.7	-100.31	317.0	-390.3	481.4	464.4	16.95	28.400	
3,100.0	3,075.1	3,044.1	2,994.2	8.8	11.2	-100.58	332.2	-405.7	501.6	483.9	17.67	28.382	
3,200.0	3,173.7	3,142.0	3,089.7	9.2	11.6	-100.83	347.4	-421.1	521.8	503.4	18.40	28.362	
3,300.0	3,272.3	3,239.9	3,185.2	9.6	12.1	-101.05	362.6	-436.4	542.0	522.9	19.12	28.342	
3,400.0	3,370.9	3,337.8	3,280.7	9.9	12.5	-101.27	377.9	-451.8	562.2	542.4	19.85	28.322	
3,500.0	3,469.5	3,435.7	3,376.2	10.3	13.0	-101.46	393.1	-467.2	582.4	561.9	20.58	28.302	
3,600.0	3,568.1	3,533.7	3,471.7	10.7	13.5	-101.65	408.3	-482.5	602.7	581.4	21.31	28.282	
3,700.0	3,666.7	3,631.6	3,567.2	11.0	13.9	-101.82	423.5	-497.9	622.9	600.9	22.04	28.262	
3,800.0	3,765.3	3,729.5	3,662.7	11.4	14.4	-101.98	438.7	-513.2	643.1	620.4	22.77	28.243	
3,900.0	3,863.9	3,827.4	3,758.2	11.8	14.9	-102.13	453.9	-528.6	663.4	639.9	23.50	28.224	
4,000.0	3,962.5	3,925.3	3,853.7	12.2	15.3	-102.28	469.1	-544.0	683.6	659.4	24.24	28.205	
4,100.0	4,061.1	4,023.2	3,949.2	12.5	15.8	-102.41	484.4	-559.3	703.9	678.9	24.97	28.187	
4,200.0	4,159.7	4,121.1	4,044.7	12.9	16.3	-102.54	499.6	-574.7	724.2	698.4	25.71	28.170	
4,300.0	4,258.3	4,219.1	4,140.2	13.3	16.7	-102.66	514.8	-590.1	744.4	718.0	26.44	28.152	
4,400.0	4,356.9	4,317.0	4,235.7	13.7	17.2	-102.77	530.0	-605.4	764.7	737.5	27.18	28.136	
4,500.0	4,455.5	4,414.9	4,331.2	14.0	17.7	-102.88	545.2	-620.8	784.9	757.0	27.91	28.119	
4,600.0	4,554.1	4,512.8	4,426.7	14.4	18.1	-102.98	560.4	-636.2	805.2	776.6	28.65	28.104	
4,700.0	4,652.7	4,610.7	4,522.2	14.8	18.6	-103.08	575.6	-651.5	825.5	796.1	29.39	28.088	
4,800.0	4,751.3	4,708.6	4,617.7	15.2	19.1	-103.17	590.8	-666.9	845.8	815.6	30.13	28.073	
4,900.0	4,849.9	4,806.5	4,713.2	15.5	19.5	-103.26	606.1	-682.2	866.0	835.2	30.86	28.059	
5,000.0	4,948.5	4,904.5	4,808.7	15.9	20.0	-103.35	621.3	-697.6	886.3	854.7	31.60	28.045	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Holton 12-C Pad Sec.12-T6N-R65W - Holton H-12HN - Wellbore #1 - Plan #1 (4-01-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.0	5,047.1	5,002.4	4,904.2	16.3	20.5	-103.43	636.5	-713.0	906.6	874.3	32.34	28.031	
5,200.0	5,145.7	5,100.3	4,999.7	16.7	20.9	-103.50	651.7	-728.3	926.9	893.8	33.08	28.018	
5,300.0	5,244.3	5,198.2	5,095.2	17.0	21.4	-103.58	666.9	-743.7	947.2	913.3	33.82	28.005	
5,400.0	5,342.9	5,296.1	5,190.7	17.4	21.9	-103.65	682.1	-759.1	967.4	932.9	34.56	27.993	
5,500.0	5,441.5	5,394.0	5,286.2	17.8	22.3	-103.72	697.3	-774.4	987.7	952.4	35.30	27.981	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	4.0	4.0	0.0	0.0	-88.45	1.5	-53.9	54.0	54.0	0.00	N/A	
100.0	100.0	104.0	104.0	0.1	0.1	-88.45	1.5	-53.9	54.0	53.7	0.23	230.872	
200.0	200.0	204.0	204.0	0.3	0.3	-88.45	1.5	-53.9	54.0	53.3	0.68	78.983	
300.0	300.0	304.0	304.0	0.6	0.6	-88.45	1.5	-53.9	54.0	52.8	1.13	47.640	
400.0	400.0	404.0	404.0	0.8	0.8	-88.45	1.5	-53.9	54.0	52.4	1.58	34.106	
500.0	500.0	504.0	504.0	1.0	1.0	-88.45	1.5	-53.9	54.0	51.9	2.03	26.561	
600.0	600.0	604.0	604.0	1.2	1.2	-88.45	1.5	-53.9	54.0	51.5	2.48	21.749	
700.0	700.0	704.0	704.0	1.5	1.5	-88.45	1.5	-53.9	54.0	51.0	2.93	18.413	
765.3	765.3	769.3	769.3	1.6	1.6	-88.45	1.5	-53.9	54.0	50.7	3.22	16.737 CC	
800.0	800.0	804.0	804.0	1.7	1.7	-88.45	1.5	-53.9	54.0	50.6	3.38	15.966 ES	
900.0	900.0	902.8	902.8	1.9	1.9	-86.90	3.0	-55.0	55.1	51.3	3.82	14.405	
1,000.0	1,000.0	1,001.4	1,001.3	2.1	2.1	-82.84	7.3	-58.0	58.5	54.2	4.27	13.705	
1,100.0	1,100.0	1,100.0	1,099.5	2.4	2.4	-94.91	14.4	-62.9	64.8	60.1	4.72	13.735	
1,200.0	1,199.8	1,197.4	1,196.2	2.6	2.6	-92.29	24.1	-69.6	74.1	68.9	5.17	14.321	
1,300.0	1,299.5	1,294.6	1,292.2	2.8	2.9	-91.03	36.5	-78.2	86.1	80.4	5.64	15.252	
1,400.0	1,398.7	1,392.2	1,388.0	3.1	3.2	-90.83	51.4	-88.5	100.5	94.4	6.15	16.350	
1,500.0	1,497.5	1,491.0	1,485.0	3.3	3.5	-92.16	67.0	-99.3	115.6	108.9	6.69	17.261	
1,600.0	1,596.1	1,589.8	1,581.9	3.6	3.9	-93.87	82.6	-110.1	130.7	123.4	7.28	17.960	
1,700.0	1,694.7	1,688.5	1,678.9	3.9	4.3	-95.22	98.2	-120.9	146.0	138.1	7.89	18.503	
1,800.0	1,793.3	1,787.3	1,775.8	4.2	4.6	-96.32	113.8	-131.6	161.3	152.7	8.52	18.928	
1,900.0	1,891.9	1,886.1	1,872.8	4.6	5.0	-97.22	129.4	-142.4	176.6	167.4	9.17	19.265	
2,000.0	1,990.5	1,984.9	1,969.7	4.9	5.4	-97.98	145.0	-153.2	192.0	182.2	9.83	19.535	
2,100.0	2,089.1	2,083.7	2,066.6	5.2	5.8	-98.63	160.6	-164.0	207.4	196.9	10.50	19.752	
2,200.0	2,187.7	2,182.4	2,163.6	5.6	6.2	-99.19	176.2	-174.8	222.9	211.7	11.18	19.929	
2,300.0	2,286.3	2,281.2	2,260.5	5.9	6.6	-99.67	191.7	-185.6	238.3	226.5	11.87	20.075	
2,400.0	2,384.9	2,380.0	2,357.5	6.3	7.0	-100.10	207.3	-196.4	253.8	241.2	12.57	20.197	
2,500.0	2,483.5	2,478.8	2,454.4	6.6	7.4	-100.48	222.9	-207.2	269.3	256.0	13.27	20.298	
2,600.0	2,582.1	2,577.6	2,551.4	7.0	7.8	-100.81	238.5	-217.9	284.8	270.8	13.97	20.384	
2,700.0	2,680.7	2,676.3	2,648.3	7.4	8.2	-101.12	254.1	-228.7	300.3	285.6	14.68	20.457	
2,800.0	2,779.3	2,775.1	2,745.2	7.7	8.6	-101.39	269.7	-239.5	315.8	300.4	15.39	20.519	
2,900.0	2,877.9	2,873.9	2,842.2	8.1	9.0	-101.64	285.3	-250.3	331.3	315.2	16.11	20.572	
3,000.0	2,976.5	2,972.7	2,939.1	8.5	9.4	-101.86	300.9	-261.1	346.9	330.0	16.82	20.619	
3,100.0	3,075.1	3,071.4	3,036.1	8.8	9.8	-102.06	316.5	-271.9	362.4	344.8	17.54	20.659	
3,200.0	3,173.7	3,170.2	3,133.0	9.2	10.3	-102.25	332.1	-282.7	377.9	359.7	18.26	20.694	
3,300.0	3,272.3	3,269.0	3,229.9	9.6	10.7	-102.43	347.7	-293.5	393.5	374.5	18.98	20.725	
3,400.0	3,370.9	3,367.8	3,326.9	9.9	11.1	-102.59	363.3	-304.2	409.0	389.3	19.71	20.752	
3,500.0	3,469.5	3,466.6	3,423.8	10.3	11.5	-102.74	378.9	-315.0	424.5	404.1	20.43	20.776	
3,600.0	3,568.1	3,565.3	3,520.8	10.7	11.9	-102.87	394.5	-325.8	440.1	418.9	21.16	20.798	
3,700.0	3,666.7	3,664.1	3,617.7	11.0	12.3	-103.00	410.1	-336.6	455.6	433.8	21.89	20.817	
3,800.0	3,765.3	3,762.9	3,714.7	11.4	12.7	-103.12	425.7	-347.4	471.2	448.6	22.62	20.834	
3,900.0	3,863.9	3,861.7	3,811.6	11.8	13.2	-103.24	441.2	-358.2	486.7	463.4	23.35	20.849	
4,000.0	3,962.5	3,960.5	3,908.5	12.2	13.6	-103.34	456.8	-369.0	502.3	478.2	24.08	20.863	
4,100.0	4,061.1	4,059.2	4,005.5	12.5	14.0	-103.44	472.4	-379.8	517.9	493.0	24.81	20.875	
4,200.0	4,159.7	4,158.0	4,102.4	12.9	14.4	-103.53	488.0	-390.5	533.4	507.9	25.54	20.886	
4,300.0	4,258.3	4,256.8	4,199.4	13.3	14.8	-103.62	503.6	-401.3	549.0	522.7	26.27	20.896	
4,400.0	4,356.9	4,355.6	4,296.3	13.7	15.2	-103.70	519.2	-412.1	564.5	537.5	27.00	20.906	
4,500.0	4,455.5	4,454.4	4,393.2	14.0	15.7	-103.78	534.8	-422.9	580.1	552.4	27.74	20.914	
4,600.0	4,554.1	4,553.1	4,490.2	14.4	16.1	-103.86	550.4	-433.7	595.7	567.2	28.47	20.921	
4,700.0	4,652.7	4,651.9	4,587.1	14.8	16.5	-103.93	566.0	-444.5	611.2	582.0	29.21	20.928	
4,800.0	4,751.3	4,750.7	4,684.1	15.2	16.9	-104.00	581.6	-455.3	626.8	596.8	29.94	20.935	
4,900.0	4,849.9	4,849.5	4,781.0	15.5	17.3	-104.06	597.2	-466.1	642.3	611.7	30.67	20.940	
5,000.0	4,948.5	4,948.2	4,878.0	15.9	17.7	-104.12	612.8	-476.8	657.9	626.5	31.41	20.946	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.0	5,047.1	5,047.0	4,974.9	16.3	18.2	-104.18	628.4	-487.6	673.5	641.3	32.15	20.951	
5,200.0	5,145.7	5,145.8	5,071.8	16.7	18.6	-104.24	644.0	-498.4	689.0	656.2	32.88	20.955	
5,300.0	5,244.3	5,244.6	5,168.8	17.0	19.0	-104.29	659.6	-509.2	704.6	671.0	33.62	20.959	
5,400.0	5,342.9	5,343.4	5,265.7	17.4	19.4	-104.34	675.2	-520.0	720.2	685.8	34.36	20.963	
5,500.0	5,441.5	5,442.1	5,362.7	17.8	19.8	-104.39	690.7	-530.8	735.7	700.7	35.09	20.966	
5,600.0	5,540.1	5,540.9	5,459.6	18.2	20.3	-104.43	706.3	-541.6	751.3	715.5	35.83	20.969	
5,700.0	5,638.7	5,639.7	5,556.6	18.5	20.7	-104.48	721.9	-552.4	766.9	730.3	36.57	20.972	
5,800.0	5,737.3	5,738.5	5,653.5	18.9	21.1	-104.52	737.5	-563.1	782.5	745.2	37.30	20.975	
5,900.0	5,835.9	5,837.3	5,750.4	19.3	21.5	-104.56	753.1	-573.9	798.0	760.0	38.04	20.977	
6,000.0	5,934.5	5,936.0	5,847.4	19.7	21.9	-104.60	768.7	-584.7	813.6	774.8	38.78	20.980	
6,100.0	6,033.1	6,034.8	5,944.3	20.1	22.3	-104.64	784.3	-595.5	829.2	789.6	39.52	20.982	
6,200.0	6,131.7	6,133.6	6,041.3	20.4	22.8	-104.68	799.9	-606.3	844.7	804.5	40.26	20.984	
6,300.0	6,230.7	6,232.3	6,138.1	20.7	23.2	-124.98	815.5	-617.1	860.4	819.4	40.96	21.005	
6,400.0	6,330.6	6,330.5	6,234.7	20.9	23.5	121.45	829.3	-627.8	876.2	834.8	41.42	21.155	
6,500.0	6,429.3	6,430.7	6,334.2	20.8	23.8	102.07	831.3	-639.1	892.3	850.7	41.56	21.467	
6,600.0	6,525.1	6,533.5	6,435.4	20.7	23.8	97.24	818.8	-650.8	908.1	866.7	41.42	21.927	
6,700.0	6,616.1	6,638.9	6,536.3	20.4	23.8	95.01	791.0	-662.6	923.5	882.5	40.99	22.528	
6,800.0	6,700.4	6,747.1	6,634.5	20.1	23.5	93.70	747.3	-674.3	938.0	897.6	40.33	23.255	
6,900.0	6,776.5	6,858.2	6,727.3	19.6	23.2	92.82	687.4	-685.7	951.3	911.8	39.50	24.084	
7,000.0	6,842.9	6,972.1	6,811.7	19.2	22.8	92.19	611.9	-696.3	963.1	924.5	38.58	24.962	
7,100.0	6,898.2	7,088.5	6,884.5	18.8	22.3	91.72	521.7	-705.8	973.0	935.3	37.69	25.815	
7,200.0	6,941.5	7,207.0	6,942.7	18.4	21.8	91.36	418.9	-713.8	980.9	943.9	36.96	26.536	
7,300.0	6,971.8	7,327.2	6,983.8	18.2	21.3	91.08	306.3	-720.0	986.4	949.9	36.53	27.004	
7,400.0	6,988.5	7,448.1	7,005.6	18.1	20.8	90.86	187.6	-724.1	989.4	952.9	36.47	27.126	
7,500.0	6,991.8	7,562.0	7,008.6	18.1	20.3	90.74	73.8	-725.9	990.0	953.2	36.79	26.910	
7,600.0	6,990.7	7,662.0	7,007.3	18.5	20.0	90.73	-26.2	-727.2	990.0	952.5	37.50	26.399	
7,700.0	6,989.6	7,762.0	7,006.1	19.1	19.9	90.73	-126.2	-728.4	990.0	951.4	38.60	25.649	
7,800.0	6,988.5	7,862.0	7,004.9	19.8	20.7	90.72	-226.2	-729.6	990.0	950.0	40.04	24.727	
7,900.0	6,987.4	7,962.0	7,003.6	20.8	21.7	90.71	-326.1	-730.8	990.0	948.2	41.78	23.697	
8,000.0	6,986.3	8,062.0	7,002.4	21.8	22.8	90.70	-426.1	-732.0	990.0	946.2	43.79	22.609	
8,100.0	6,985.1	8,162.0	7,001.1	23.0	24.0	90.69	-526.1	-733.2	990.0	944.0	46.03	21.508	
8,200.0	6,984.0	8,262.0	6,999.9	24.2	25.2	90.69	-626.1	-734.5	990.0	941.6	48.47	20.424	
8,300.0	6,982.9	8,362.0	6,998.7	25.6	26.6	90.68	-726.1	-735.7	990.0	938.9	51.09	19.379	
8,400.0	6,981.8	8,462.0	6,997.4	27.0	27.9	90.67	-826.1	-736.9	990.0	936.2	53.85	18.385	
8,500.0	6,980.7	8,562.0	6,996.2	28.4	29.4	90.66	-926.0	-738.1	990.0	933.3	56.73	17.450	
8,600.0	6,979.6	8,662.0	6,994.9	29.9	30.9	90.65	-1,026.0	-739.3	990.0	930.3	59.73	16.576	
8,700.0	6,978.5	8,762.0	6,993.7	31.5	32.4	90.65	-1,126.0	-740.5	990.0	927.2	62.81	15.761	
8,800.0	6,977.4	8,862.0	6,992.4	33.1	34.0	90.64	-1,226.0	-741.8	990.0	924.1	65.98	15.005	
8,900.0	6,976.3	8,962.0	6,991.2	34.7	35.6	90.63	-1,326.0	-743.0	990.0	920.8	69.21	14.305	
9,000.0	6,975.2	9,062.0	6,990.0	36.4	37.2	90.62	-1,426.0	-744.2	990.0	917.5	72.50	13.655	
9,100.0	6,974.1	9,162.0	6,988.7	38.0	38.8	90.61	-1,526.0	-745.4	990.0	914.2	75.85	13.053	
9,200.0	6,973.0	9,262.0	6,987.5	39.7	40.5	90.61	-1,625.9	-746.6	990.0	910.8	79.23	12.495	
9,300.0	6,971.9	9,362.0	6,986.2	41.5	42.2	90.60	-1,725.9	-747.8	990.0	907.4	82.66	11.977	
9,400.0	6,970.8	9,462.0	6,985.0	43.2	43.9	90.59	-1,825.9	-749.0	990.0	903.9	86.12	11.496	
9,500.0	6,969.7	9,562.0	6,983.8	44.9	45.6	90.58	-1,925.9	-750.3	990.0	900.4	89.61	11.048	
9,600.0	6,968.6	9,662.0	6,982.5	46.7	47.4	90.57	-2,025.9	-751.5	990.1	896.9	93.13	10.630	
9,700.0	6,967.5	9,762.0	6,981.3	48.5	49.1	90.57	-2,125.9	-752.7	990.1	893.4	96.68	10.241	
9,800.0	6,966.4	9,862.0	6,980.0	50.3	50.9	90.56	-2,225.9	-753.9	990.1	889.8	100.24	9.876	
9,900.0	6,965.3	9,962.0	6,978.8	52.1	52.6	90.55	-2,325.8	-755.1	990.1	886.2	103.83	9.535	
10,000.0	6,964.2	10,062.0	6,977.6	53.9	54.4	90.54	-2,425.8	-756.3	990.1	882.6	107.43	9.216	
10,100.0	6,963.1	10,162.0	6,976.3	55.7	56.2	90.53	-2,525.8	-757.6	990.1	879.0	111.05	8.916	
10,200.0	6,962.0	10,262.0	6,975.1	57.5	58.0	90.53	-2,625.8	-758.8	990.1	875.4	114.68	8.633	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Holton 12-C Pad Sec.12-T6N-R65W - Holton L-12HN - Wellbore #1 - Plan #1 (4-01-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,300.0	6,960.9	10,362.0	6,973.8	59.3	59.8	90.52	-2,725.8	-760.0	990.1	871.7	118.33	8.367	
10,400.0	6,959.8	10,462.0	6,972.6	61.1	61.6	90.51	-2,825.8	-761.2	990.1	868.1	121.98	8.116	
10,500.0	6,958.7	10,562.0	6,971.4	63.0	63.4	90.50	-2,925.7	-762.4	990.1	864.4	125.65	7.879	
10,600.0	6,957.6	10,662.0	6,970.1	64.8	65.3	90.49	-3,025.7	-763.6	990.1	860.7	129.33	7.655	
10,700.0	6,956.5	10,762.0	6,968.9	66.7	67.1	90.49	-3,125.7	-764.9	990.1	857.1	133.02	7.443	
10,800.0	6,955.4	10,862.0	6,967.6	68.5	68.9	90.48	-3,225.7	-766.1	990.1	853.4	136.71	7.242	
10,900.0	6,954.3	10,962.0	6,966.4	70.4	70.7	90.47	-3,325.7	-767.3	990.1	849.7	140.41	7.051	
11,000.0	6,953.2	11,062.0	6,965.2	72.2	72.6	90.46	-3,425.7	-768.5	990.1	846.0	144.12	6.870	
11,100.0	6,952.1	11,162.0	6,963.9	74.1	74.4	90.45	-3,525.7	-769.7	990.1	842.2	147.84	6.697	
11,200.0	6,951.0	11,262.0	6,962.7	75.9	76.3	90.45	-3,625.6	-770.9	990.1	838.5	151.56	6.533	
11,300.0	6,949.9	11,362.0	6,961.4	77.8	78.1	90.44	-3,725.6	-772.2	990.1	834.8	155.29	6.376	
11,400.0	6,948.8	11,462.0	6,960.2	79.7	80.0	90.43	-3,825.6	-773.4	990.1	831.1	159.02	6.226	
11,500.0	6,947.7	11,562.0	6,959.0	81.5	81.8	90.42	-3,925.6	-774.6	990.1	827.3	162.76	6.083	
11,600.0	6,946.5	11,662.0	6,957.7	83.4	83.7	90.42	-4,025.6	-775.8	990.1	823.6	166.50	5.946	
11,700.0	6,945.4	11,762.0	6,956.5	85.3	85.6	90.41	-4,125.6	-777.0	990.1	819.8	170.25	5.816	
11,800.0	6,944.3	11,862.0	6,955.2	87.2	87.4	90.40	-4,225.5	-778.2	990.1	816.1	174.00	5.690	
11,808.9	6,944.2	11,871.0	6,955.1	87.3	87.6	90.40	-4,234.5	-778.4	990.1	815.8	174.34	5.679	
11,831.2	6,944.0	11,881.5	6,955.0	87.7	87.8	90.40	-4,245.0	-778.5	990.2	815.2	174.95	5.660 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	4.0	4.0	0.0	0.0	-88.27	1.1	-36.2	36.2	36.2	0.00	7,716.009	
100.0	100.0	104.0	104.0	0.1	0.1	-88.27	1.1	-36.2	36.2	35.9	0.23	154.722	
200.0	200.0	204.0	204.0	0.3	0.3	-88.27	1.1	-36.2	36.2	35.5	0.68	52.931	
300.0	300.0	304.0	304.0	0.6	0.6	-88.27	1.1	-36.2	36.2	35.0	1.13	31.927	
400.0	400.0	404.0	404.0	0.8	0.8	-88.27	1.1	-36.2	36.2	34.6	1.58	22.857	
500.0	500.0	504.0	504.0	1.0	1.0	-88.27	1.1	-36.2	36.2	34.1	2.03	17.800	
600.0	600.0	604.0	604.0	1.2	1.2	-88.27	1.1	-36.2	36.2	33.7	2.48	14.575	
700.0	700.0	704.0	704.0	1.5	1.5	-88.27	1.1	-36.2	36.2	33.2	2.93	12.340	
800.0	800.0	804.0	804.0	1.7	1.7	-88.27	1.1	-36.2	36.2	32.8	3.38	10.699	
900.0	900.0	904.0	904.0	1.9	1.9	-88.27	1.1	-36.2	36.2	32.3	3.83	9.443	
965.3	965.3	969.3	969.3	2.1	2.1	-88.27	1.1	-36.2	36.2	32.0	4.12	8.771 CC	
1,000.0	1,000.0	1,004.0	1,004.0	2.1	2.1	-88.26	1.1	-36.2	36.2	31.9	4.28	8.452 ES	
1,100.0	1,100.0	1,103.5	1,103.5	2.4	2.4	-104.54	2.8	-36.8	37.3	32.6	4.72	7.897	
1,200.0	1,199.8	1,202.9	1,202.8	2.6	2.6	-104.63	7.8	-38.6	40.6	35.5	5.17	7.859	
1,300.0	1,299.5	1,302.2	1,301.7	2.8	2.8	-104.85	16.0	-41.7	46.1	40.5	5.63	8.197	
1,400.0	1,398.7	1,401.3	1,400.0	3.1	3.1	-105.12	27.4	-45.8	53.8	47.7	6.11	8.802	
1,500.0	1,497.5	1,500.2	1,497.6	3.3	3.3	-105.37	42.0	-51.2	63.6	56.9	6.64	9.577	
1,600.0	1,596.1	1,599.6	1,595.6	3.6	3.6	-105.46	57.9	-57.0	74.1	66.9	7.20	10.290	
1,700.0	1,694.7	1,699.1	1,693.6	3.9	3.9	-105.54	73.8	-62.9	84.7	76.9	7.80	10.859	
1,800.0	1,793.3	1,798.5	1,791.6	4.2	4.3	-105.59	89.7	-68.8	95.3	86.9	8.42	11.315	
1,900.0	1,891.9	1,897.9	1,889.6	4.6	4.6	-105.64	105.6	-74.6	105.9	96.8	9.06	11.685	
2,000.0	1,990.5	1,997.4	1,987.6	4.9	4.9	-105.67	121.5	-80.5	116.4	106.7	9.71	11.989	
2,100.0	2,089.1	2,096.8	2,085.5	5.2	5.3	-105.70	137.4	-86.3	127.0	116.6	10.38	12.240	
2,200.0	2,187.7	2,196.3	2,183.5	5.6	5.6	-105.73	153.4	-92.2	137.6	126.5	11.05	12.450	
2,300.0	2,286.3	2,295.7	2,281.5	5.9	6.0	-105.75	169.3	-98.0	148.2	136.4	11.73	12.627	
2,400.0	2,384.9	2,395.1	2,379.5	6.3	6.3	-105.77	185.2	-103.9	158.7	146.3	12.42	12.778	
2,500.0	2,483.5	2,494.6	2,477.5	6.6	6.7	-105.79	201.1	-109.8	169.3	156.2	13.12	12.907	
2,600.0	2,582.1	2,594.0	2,575.4	7.0	7.1	-105.80	217.0	-115.6	179.9	166.1	13.82	13.019	
2,700.0	2,680.7	2,693.4	2,673.4	7.4	7.4	-105.82	232.9	-121.5	190.5	175.9	14.52	13.117	
2,800.0	2,779.3	2,792.9	2,771.4	7.7	7.8	-105.83	248.8	-127.3	201.0	185.8	15.23	13.202	
2,900.0	2,877.9	2,892.3	2,869.4	8.1	8.2	-105.84	264.8	-133.2	211.6	195.7	15.94	13.277	
3,000.0	2,976.5	2,991.8	2,967.4	8.5	8.5	-105.85	280.7	-139.1	222.2	205.5	16.65	13.343	
3,100.0	3,075.1	3,091.2	3,065.4	8.8	8.9	-105.86	296.6	-144.9	232.8	215.4	17.37	13.403	
3,200.0	3,173.7	3,190.6	3,163.3	9.2	9.3	-105.87	312.5	-150.8	243.3	225.3	18.08	13.456	
3,300.0	3,272.3	3,290.1	3,261.3	9.6	9.7	-105.87	328.4	-156.6	253.9	235.1	18.80	13.503	
3,400.0	3,370.9	3,389.5	3,359.3	9.9	10.0	-105.88	344.3	-162.5	264.5	245.0	19.52	13.546	
3,500.0	3,469.5	3,489.0	3,457.3	10.3	10.4	-105.89	360.3	-168.3	275.1	254.8	20.25	13.585	
3,600.0	3,568.1	3,588.4	3,555.3	10.7	10.8	-105.89	376.2	-174.2	285.6	264.7	20.97	13.621	
3,700.0	3,666.7	3,687.8	3,653.3	11.0	11.2	-105.90	392.1	-180.1	296.2	274.5	21.70	13.653	
3,800.0	3,765.3	3,787.3	3,751.2	11.4	11.6	-105.90	408.0	-185.9	306.8	284.4	22.42	13.683	
3,900.0	3,863.9	3,886.7	3,849.2	11.8	11.9	-105.91	423.9	-191.8	317.4	294.2	23.15	13.710	
4,000.0	3,962.5	3,986.2	3,947.2	12.2	12.3	-105.91	439.8	-197.6	327.9	304.1	23.88	13.735	
4,100.0	4,061.1	4,085.6	4,045.2	12.5	12.7	-105.92	455.7	-203.5	338.5	313.9	24.61	13.758	
4,200.0	4,159.7	4,185.0	4,143.2	12.9	13.1	-105.92	471.7	-209.3	349.1	323.8	25.33	13.779	
4,300.0	4,258.3	4,284.5	4,241.2	13.3	13.5	-105.92	487.6	-215.2	359.7	333.6	26.06	13.799	
4,400.0	4,356.9	4,383.9	4,339.1	13.7	13.8	-105.93	503.5	-221.1	370.2	343.4	26.80	13.817	
4,500.0	4,455.5	4,483.4	4,437.1	14.0	14.2	-105.93	519.4	-226.9	380.8	353.3	27.53	13.834	
4,600.0	4,554.1	4,582.8	4,535.1	14.4	14.6	-105.93	535.3	-232.8	391.4	363.1	28.26	13.850	
4,700.0	4,652.7	4,682.2	4,633.1	14.8	15.0	-105.94	551.2	-238.6	402.0	373.0	28.99	13.865	
4,800.0	4,751.3	4,781.7	4,731.1	15.2	15.4	-105.94	567.1	-244.5	412.5	382.8	29.72	13.879	
4,900.0	4,849.9	4,881.1	4,829.0	15.5	15.7	-105.94	583.1	-250.3	423.1	392.7	30.46	13.892	
5,000.0	4,948.5	4,980.5	4,927.0	15.9	16.1	-105.94	599.0	-256.2	433.7	402.5	31.19	13.905	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.0	5,047.1	5,080.0	5,025.0	16.3	16.5	-105.95	614.9	-262.1	444.3	412.3	31.92	13.916	
5,200.0	5,145.7	5,179.4	5,123.0	16.7	16.9	-105.95	630.8	-267.9	454.8	422.2	32.66	13.927	
5,300.0	5,244.3	5,278.9	5,221.0	17.0	17.3	-105.95	646.7	-273.8	465.4	432.0	33.39	13.937	
5,400.0	5,342.9	5,378.3	5,319.0	17.4	17.7	-105.95	662.6	-279.6	476.0	441.9	34.13	13.947	
5,500.0	5,441.5	5,477.7	5,416.9	17.8	18.0	-105.96	678.5	-285.5	486.6	451.7	34.86	13.956	
5,600.0	5,540.1	5,577.2	5,514.9	18.2	18.4	-105.96	694.5	-291.3	497.1	461.5	35.60	13.965	
5,700.0	5,638.7	5,676.6	5,612.9	18.5	18.8	-105.96	710.4	-297.2	507.7	471.4	36.33	13.973	
5,800.0	5,737.3	5,776.1	5,710.9	18.9	19.2	-105.96	726.3	-303.1	518.3	481.2	37.07	13.981	
5,900.0	5,835.9	5,875.5	5,808.9	19.3	19.6	-105.96	742.2	-308.9	528.9	491.1	37.81	13.989	
6,000.0	5,934.5	5,974.9	5,906.9	19.7	20.0	-105.96	758.1	-314.8	539.4	500.9	38.54	13.996	
6,100.0	6,033.1	6,074.4	6,004.8	20.1	20.3	-105.97	774.0	-320.6	550.0	510.7	39.28	14.003	
6,200.0	6,131.7	6,173.8	6,102.8	20.4	20.7	-105.97	790.0	-326.5	560.6	520.6	40.02	14.009	
6,300.0	6,230.7	6,273.2	6,200.7	20.7	21.1	-125.83	805.9	-332.3	571.2	530.5	40.68	14.041	
6,400.0	6,330.6	6,371.7	6,298.0	20.9	21.4	121.53	819.9	-338.2	581.9	540.8	41.10	14.158	
6,500.0	6,429.3	6,471.8	6,397.9	20.8	21.6	103.11	822.2	-344.3	592.9	551.7	41.19	14.395	
6,600.0	6,525.1	6,574.5	6,499.5	20.7	21.6	99.20	810.0	-350.8	604.1	563.1	40.99	14.739	
6,700.0	6,616.1	6,679.8	6,600.9	20.4	21.5	97.84	782.4	-357.4	615.2	574.7	40.51	15.185	
6,800.0	6,700.4	6,787.9	6,699.5	20.1	21.2	97.32	739.1	-364.1	625.8	586.0	39.80	15.722	
6,900.0	6,776.5	6,898.7	6,792.7	19.6	20.8	97.15	679.7	-370.6	635.7	596.8	38.94	16.327	
7,000.0	6,842.9	7,012.2	6,877.5	19.2	20.4	97.13	604.7	-376.8	644.6	606.6	38.00	16.965	
7,100.0	6,898.2	7,128.1	6,950.8	18.8	19.9	97.17	515.2	-382.5	652.2	615.1	37.11	17.576	
7,200.0	6,941.5	7,246.1	7,009.6	18.4	19.4	97.20	413.2	-387.4	658.2	621.8	36.39	18.086	
7,300.0	6,971.8	7,365.6	7,051.3	18.2	18.9	97.20	301.4	-391.5	662.4	626.4	35.98	18.409	
7,400.0	6,988.5	7,486.1	7,074.0	18.1	18.7	97.15	183.3	-394.4	664.7	628.7	35.97	18.480	
7,500.0	6,991.8	7,600.4	7,077.7	18.1	18.6	97.07	69.1	-396.1	665.1	628.8	36.30	18.324	
7,600.0	6,990.7	7,700.4	7,076.6	18.5	18.8	97.08	-30.9	-397.3	665.1	628.1	37.05	17.950	
7,700.0	6,989.6	7,800.4	7,075.6	19.1	19.4	97.08	-130.9	-398.5	665.1	626.9	38.18	17.422	
7,800.0	6,988.5	7,900.4	7,074.5	19.8	20.1	97.09	-230.9	-399.7	665.1	625.5	39.64	16.780	
7,900.0	6,987.4	8,000.4	7,073.4	20.8	21.0	97.09	-330.9	-400.9	665.1	623.7	41.40	16.067	
8,000.0	6,986.3	8,100.4	7,072.4	21.8	22.1	97.09	-430.9	-402.2	665.1	621.7	43.42	15.318	
8,100.0	6,985.1	8,200.4	7,071.3	23.0	23.3	97.10	-530.8	-403.4	665.2	619.5	45.68	14.562	
8,200.0	6,984.0	8,300.4	7,070.3	24.2	24.5	97.10	-630.8	-404.6	665.2	617.0	48.13	13.821	
8,300.0	6,982.9	8,400.4	7,069.2	25.6	25.8	97.11	-730.8	-405.8	665.2	614.4	50.75	13.108	
8,400.0	6,981.8	8,500.4	7,068.2	27.0	27.2	97.11	-830.8	-407.0	665.2	611.7	53.51	12.431	
8,500.0	6,980.7	8,600.4	7,067.1	28.4	28.7	97.11	-930.8	-408.2	665.2	608.8	56.40	11.795	
8,600.0	6,979.6	8,700.4	7,066.1	29.9	30.2	97.12	-1,030.8	-409.5	665.2	605.8	59.39	11.201	
8,700.0	6,978.5	8,800.4	7,065.0	31.5	31.7	97.12	-1,130.8	-410.7	665.2	602.7	62.46	10.649	
8,800.0	6,977.4	8,900.4	7,063.9	33.1	33.3	97.13	-1,230.8	-411.9	665.2	599.6	65.62	10.137	
8,900.0	6,976.3	9,000.4	7,062.9	34.7	34.9	97.13	-1,330.7	-413.1	665.2	596.4	68.84	9.663	
9,000.0	6,975.2	9,100.4	7,061.8	36.4	36.6	97.13	-1,430.7	-414.3	665.2	593.1	72.12	9.224	
9,100.0	6,974.1	9,200.4	7,060.8	38.0	38.3	97.14	-1,530.7	-415.5	665.2	589.8	75.45	8.817	
9,200.0	6,973.0	9,300.4	7,059.7	39.7	40.0	97.14	-1,630.7	-416.7	665.2	586.4	78.83	8.439	
9,300.0	6,971.9	9,400.4	7,058.7	41.5	41.7	97.14	-1,730.7	-418.0	665.3	583.0	82.24	8.089	
9,400.0	6,970.8	9,500.4	7,057.6	43.2	43.4	97.15	-1,830.7	-419.2	665.3	579.6	85.68	7.764	
9,500.0	6,969.7	9,600.4	7,056.5	44.9	45.1	97.15	-1,930.7	-420.4	665.3	576.1	89.16	7.462	
9,600.0	6,968.6	9,700.4	7,055.5	46.7	46.9	97.16	-2,030.7	-421.6	665.3	572.6	92.66	7.180	
9,700.0	6,967.5	9,800.4	7,054.4	48.5	48.7	97.16	-2,130.6	-422.8	665.3	569.1	96.19	6.917	
9,800.0	6,966.4	9,900.4	7,053.4	50.3	50.4	97.16	-2,230.6	-424.0	665.3	565.6	99.73	6.671	
9,900.0	6,965.3	10,000.4	7,052.3	52.1	52.2	97.17	-2,330.6	-425.3	665.3	562.0	103.30	6.441	
10,000.0	6,964.2	10,100.4	7,051.3	53.9	54.0	97.17	-2,430.6	-426.5	665.3	558.4	106.88	6.225	
10,100.0	6,963.1	10,200.4	7,050.2	55.7	55.8	97.18	-2,530.6	-427.7	665.3	554.8	110.48	6.022	
10,200.0	6,962.0	10,300.4	7,049.1	57.5	57.6	97.18	-2,630.6	-428.9	665.3	551.2	114.09	5.832	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Holton 12-C Pad Sec.12-T6N-R65W - Holton J-12HC - Wellbore #1 - Plan #1 (4-01-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,300.0	6,960.9	10,400.4	7,048.1	59.3	59.5	97.18	-2,730.6	-430.1	665.3	547.6	117.71	5.652	
10,400.0	6,959.8	10,500.4	7,047.0	61.1	61.3	97.19	-2,830.6	-431.3	665.3	544.0	121.35	5.483	
10,500.0	6,958.7	10,600.4	7,046.0	63.0	63.1	97.19	-2,930.5	-432.5	665.4	540.4	124.99	5.323	
10,600.0	6,957.6	10,700.4	7,044.9	64.8	64.9	97.20	-3,030.5	-433.8	665.4	536.7	128.65	5.172	
10,700.0	6,956.5	10,800.4	7,043.9	66.7	66.8	97.20	-3,130.5	-435.0	665.4	533.1	132.31	5.029	
10,800.0	6,955.4	10,900.4	7,042.8	68.5	68.6	97.20	-3,230.5	-436.2	665.4	529.4	135.98	4.893	
10,900.0	6,954.3	11,000.4	7,041.7	70.4	70.5	97.21	-3,330.5	-437.4	665.4	525.7	139.66	4.764	
11,000.0	6,953.2	11,100.4	7,040.7	72.2	72.3	97.21	-3,430.5	-438.6	665.4	522.0	143.35	4.642	
11,100.0	6,952.1	11,200.4	7,039.6	74.1	74.2	97.22	-3,530.5	-439.8	665.4	518.4	147.04	4.525	
11,200.0	6,951.0	11,300.4	7,038.6	75.9	76.0	97.22	-3,630.4	-441.1	665.4	514.7	150.74	4.414	
11,300.0	6,949.9	11,400.4	7,037.5	77.8	77.9	97.22	-3,730.4	-442.3	665.4	511.0	154.44	4.308	
11,400.0	6,948.8	11,500.4	7,036.5	79.7	79.8	97.23	-3,830.4	-443.5	665.4	507.3	158.15	4.207	
11,500.0	6,947.7	11,600.4	7,035.4	81.5	81.6	97.23	-3,930.4	-444.7	665.4	503.6	161.87	4.111	
11,600.0	6,946.5	11,700.4	7,034.3	83.4	83.5	97.23	-4,030.4	-445.9	665.4	499.9	165.58	4.019	
11,700.0	6,945.4	11,800.4	7,033.3	85.3	85.4	97.24	-4,130.4	-447.1	665.4	496.1	169.31	3.930	
11,800.0	6,944.3	11,900.4	7,032.2	87.2	87.2	97.24	-4,230.4	-448.3	665.5	492.4	173.03	3.846	
11,810.9	6,944.2	11,911.4	7,032.1	87.4	87.4	97.24	-4,241.3	-448.5	665.5	492.0	173.44	3.837	
11,831.2	6,944.0	11,922.8	7,032.0	87.7	87.7	97.24	-4,252.7	-448.6	665.5	491.5	174.03	3.824 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	1.0	1.0	0.0	0.0	-88.85	0.4	-18.1	18.1	18.1	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-88.85	0.4	-18.1	18.1	17.9	0.23	79.639		
200.0	200.0	201.0	201.0	0.3	0.3	-88.85	0.4	-18.1	18.1	17.4	0.68	26.723		
300.0	300.0	301.0	301.0	0.6	0.6	-88.85	0.4	-18.1	18.1	17.0	1.13	16.055		
400.0	400.0	401.0	401.0	0.8	0.8	-88.85	0.4	-18.1	18.1	16.5	1.58	11.474		
500.0	500.0	501.0	501.0	1.0	1.0	-88.85	0.4	-18.1	18.1	16.1	2.03	8.927		
600.0	600.0	601.0	601.0	1.2	1.2	-88.85	0.4	-18.1	18.1	15.6	2.47	7.306		
700.0	700.0	701.0	701.0	1.5	1.5	-88.85	0.4	-18.1	18.1	15.2	2.92	6.183		
800.0	800.0	801.0	801.0	1.7	1.7	-88.85	0.4	-18.1	18.1	14.7	3.37	5.359		
900.0	900.0	901.0	901.0	1.9	1.9	-88.85	0.4	-18.1	18.1	14.3	3.82	4.729		
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	-88.85	0.4	-18.1	18.1	13.8	4.27	4.231 CC, ES		
1,100.0	1,100.0	1,101.0	1,101.0	2.4	2.4	-110.40	0.4	-18.1	18.6	13.9	4.72	3.943		
1,200.0	1,199.8	1,200.8	1,200.8	2.6	2.6	-123.84	0.4	-18.1	21.0	15.9	5.17	4.068		
1,300.0	1,299.5	1,300.5	1,300.5	2.8	2.8	-139.36	0.4	-18.1	26.9	21.3	5.61	4.790		
1,400.0	1,398.7	1,399.7	1,399.7	3.1	3.0	-151.63	0.4	-18.1	37.0	30.9	6.05	6.117		
1,500.0	1,497.5	1,498.5	1,498.5	3.3	3.3	-159.84	0.4	-18.1	51.3	44.8	6.48	7.908		
1,600.0	1,596.1	1,599.0	1,599.0	3.6	3.5	-163.98	2.1	-18.1	65.8	58.8	6.93	9.487		
1,700.0	1,694.7	1,700.4	1,700.2	3.9	3.7	-165.22	7.4	-18.3	77.6	70.2	7.39	10.493		
1,800.0	1,793.3	1,802.4	1,801.9	4.2	3.9	-164.85	16.3	-18.7	86.4	78.6	7.86	10.991		
1,900.0	1,891.9	1,904.9	1,903.5	4.6	4.2	-163.28	28.9	-19.2	92.3	84.0	8.35	11.061		
2,000.0	1,990.5	2,007.4	2,004.8	4.9	4.4	-160.59	45.2	-19.8	95.5	86.6	8.86	10.779		
2,100.0	2,089.1	2,107.8	2,103.4	5.2	4.7	-157.21	63.4	-20.5	97.0	87.6	9.39	10.322		
2,200.0	2,187.7	2,207.6	2,201.6	5.6	5.0	-153.93	81.7	-21.2	98.7	88.8	9.96	9.915		
2,300.0	2,286.3	2,307.4	2,299.7	5.9	5.3	-150.77	100.0	-21.9	100.8	90.3	10.55	9.556		
2,400.0	2,384.9	2,407.3	2,397.9	6.3	5.7	-147.76	118.2	-22.6	103.2	92.0	11.17	9.238		
2,500.0	2,483.5	2,507.1	2,496.0	6.6	6.0	-144.88	136.5	-23.3	105.8	94.0	11.81	8.957		
2,600.0	2,582.1	2,606.9	2,594.2	7.0	6.3	-142.15	154.7	-24.0	108.7	96.2	12.49	8.708		
2,700.0	2,680.7	2,706.7	2,692.3	7.4	6.7	-139.57	173.0	-24.7	111.9	98.7	13.18	8.488		
2,800.0	2,779.3	2,806.6	2,790.4	7.7	7.0	-137.13	191.2	-25.4	115.2	101.3	13.89	8.295		
2,900.0	2,877.9	2,906.4	2,888.6	8.1	7.4	-134.84	209.5	-26.1	118.7	104.1	14.61	8.125		
3,000.0	2,976.5	3,006.2	2,986.7	8.5	7.8	-132.68	227.7	-26.9	122.5	107.1	15.35	7.976		
3,100.0	3,075.1	3,106.1	3,084.9	8.8	8.1	-130.65	246.0	-27.6	126.4	110.2	16.11	7.845		
3,200.0	3,173.7	3,205.9	3,183.0	9.2	8.5	-128.74	264.3	-28.3	130.4	113.5	16.87	7.730		
3,300.0	3,272.3	3,305.7	3,281.1	9.6	8.9	-126.95	282.5	-29.0	134.6	116.9	17.63	7.630		
3,400.0	3,370.9	3,405.5	3,379.3	9.9	9.2	-125.27	300.8	-29.7	138.9	120.4	18.41	7.543		
3,500.0	3,469.5	3,505.4	3,477.4	10.3	9.6	-123.69	319.0	-30.4	143.3	124.1	19.19	7.466		
3,600.0	3,568.1	3,605.2	3,575.6	10.7	10.0	-122.20	337.3	-31.1	147.8	127.8	19.97	7.400		
3,700.0	3,666.7	3,705.0	3,673.7	11.0	10.4	-120.81	355.5	-31.8	152.4	131.6	20.75	7.342		
3,800.0	3,765.3	3,804.8	3,771.8	11.4	10.8	-119.49	373.8	-32.5	157.1	135.5	21.54	7.292		
3,900.0	3,863.9	3,904.7	3,870.0	11.8	11.2	-118.26	392.1	-33.2	161.8	139.5	22.33	7.248		
4,000.0	3,962.5	4,004.5	3,968.1	12.2	11.5	-117.09	410.3	-33.9	166.7	143.5	23.12	7.210		
4,100.0	4,061.1	4,104.3	4,066.3	12.5	11.9	-115.99	428.6	-34.6	171.6	147.7	23.90	7.177		
4,200.0	4,159.7	4,204.2	4,164.4	12.9	12.3	-114.95	446.8	-35.3	176.5	151.8	24.69	7.149		
4,300.0	4,258.3	4,304.0	4,262.6	13.3	12.7	-113.97	465.1	-36.0	181.5	156.1	25.48	7.124		
4,400.0	4,356.9	4,403.8	4,360.7	13.7	13.1	-113.04	483.3	-36.7	186.6	160.3	26.27	7.103		
4,500.0	4,455.5	4,503.6	4,458.8	14.0	13.5	-112.17	501.6	-37.4	191.7	164.7	27.06	7.085		
4,600.0	4,554.1	4,603.5	4,557.0	14.4	13.9	-111.33	519.8	-38.1	196.9	169.0	27.85	7.070		
4,700.0	4,652.7	4,703.3	4,655.1	14.8	14.3	-110.54	538.1	-38.8	202.1	173.4	28.63	7.057		
4,800.0	4,751.3	4,803.1	4,753.3	15.2	14.7	-109.79	556.4	-39.5	207.3	177.9	29.42	7.046		
4,900.0	4,849.9	4,902.9	4,851.4	15.5	15.1	-109.08	574.6	-40.2	212.6	182.4	30.21	7.037		
5,000.0	4,948.5	5,002.8	4,949.5	15.9	15.5	-108.40	592.9	-40.9	217.9	186.9	30.99	7.030		
5,100.0	5,047.1	5,102.6	5,047.7	16.3	15.9	-107.75	611.1	-41.7	223.2	191.4	31.77	7.024		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,200.0	5,145.7	5,202.4	5,145.8	16.7	16.3	-107.14	629.4	-42.4	228.5	196.0	32.56	7.019	
5,300.0	5,244.3	5,302.3	5,244.0	17.0	16.7	-106.55	647.6	-43.1	233.9	200.6	33.34	7.016	
5,400.0	5,342.9	5,402.1	5,342.1	17.4	17.1	-105.98	665.9	-43.8	239.3	205.2	34.12	7.013	
5,500.0	5,441.5	5,501.9	5,440.2	17.8	17.4	-105.45	684.2	-44.5	244.7	209.8	34.90	7.012	
5,600.0	5,540.1	5,601.7	5,538.4	18.2	17.8	-104.93	702.4	-45.2	250.2	214.5	35.68	7.011	
5,700.0	5,638.7	5,701.6	5,636.5	18.5	18.2	-104.44	720.7	-45.9	255.6	219.2	36.46	7.011	
5,800.0	5,737.3	5,801.4	5,734.7	18.9	18.6	-103.97	738.9	-46.6	261.1	223.9	37.24	7.011	
5,900.0	5,835.9	5,901.2	5,832.8	19.3	19.0	-103.52	757.2	-47.3	266.6	228.6	38.02	7.012	
6,000.0	5,934.5	6,001.0	5,931.0	19.7	19.4	-103.09	775.4	-48.0	272.1	233.3	38.80	7.014	
6,100.0	6,033.1	6,100.9	6,029.1	20.1	19.8	-102.67	793.7	-48.7	277.7	238.1	39.58	7.016	
6,200.0	6,131.7	6,201.8	6,128.7	20.4	20.2	-102.71	810.0	-49.4	283.1	242.8	40.28	7.028	
6,300.0	6,230.7	6,302.4	6,229.2	20.7	20.3	-124.52	813.5	-50.4	288.3	247.6	40.67	7.088	
6,400.0	6,330.6	6,401.7	6,327.8	20.9	20.3	119.87	803.1	-51.4	293.8	253.1	40.71	7.217	
6,500.0	6,429.3	6,500.0	6,423.1	20.8	20.2	98.46	779.6	-52.6	299.6	259.2	40.46	7.406	
6,600.0	6,525.1	6,596.3	6,512.5	20.7	20.0	91.77	744.0	-53.9	305.5	265.6	39.95	7.648	
6,700.0	6,616.1	6,691.9	6,595.8	20.4	19.6	87.85	697.2	-55.2	311.4	272.1	39.23	7.937	
6,800.0	6,700.4	6,786.4	6,671.3	20.1	19.2	85.03	640.4	-56.6	317.0	278.6	38.37	8.261	
6,900.0	6,776.5	6,880.2	6,738.1	19.6	18.8	82.85	574.8	-58.0	322.2	284.7	37.44	8.605	
7,000.0	6,842.9	6,973.2	6,795.4	19.2	18.5	81.13	501.6	-59.5	326.8	290.3	36.54	8.945	
7,100.0	6,898.2	7,065.5	6,842.4	18.8	18.1	79.78	422.2	-60.9	330.8	295.0	35.75	9.253	
7,200.0	6,941.5	7,157.4	6,878.6	18.4	17.9	78.76	337.9	-62.2	333.9	298.8	35.17	9.496	
7,300.0	6,971.8	7,250.0	6,903.9	18.2	17.8	78.05	248.9	-63.6	336.2	301.3	34.87	9.641	
7,400.0	6,988.5	7,340.1	6,917.3	18.1	17.8	77.64	159.8	-64.8	337.5	302.6	34.93	9.664	
7,500.0	6,991.8	7,433.4	6,919.8	18.1	17.9	77.52	66.6	-65.9	337.9	302.6	35.25	9.584	
7,600.0	6,990.7	7,533.4	6,918.9	18.5	18.2	77.56	-33.4	-67.2	337.8	301.9	35.89	9.413	
7,700.0	6,989.6	7,633.4	6,918.0	19.1	18.8	77.59	-133.4	-68.4	337.8	300.8	37.02	9.124	
7,800.0	6,988.5	7,733.4	6,917.1	19.8	19.5	77.63	-233.4	-69.6	337.8	299.3	38.49	8.776	
7,900.0	6,987.4	7,833.4	6,916.2	20.8	20.4	77.66	-333.4	-70.8	337.7	297.5	40.25	8.390	
8,000.0	6,986.3	7,933.4	6,915.3	21.8	21.5	77.70	-433.3	-72.0	337.7	295.4	42.28	7.987	
8,100.0	6,985.1	8,033.4	6,914.4	23.0	22.6	77.73	-533.3	-73.3	337.6	293.1	44.54	7.581	
8,200.0	6,984.0	8,133.4	6,913.5	24.2	23.9	77.77	-633.3	-74.5	337.6	290.6	46.99	7.185	
8,300.0	6,982.9	8,233.4	6,912.6	25.6	25.2	77.80	-733.3	-75.7	337.6	288.0	49.60	6.806	
8,400.0	6,981.8	8,333.4	6,911.7	27.0	26.6	77.83	-833.3	-76.9	337.5	285.2	52.36	6.447	
8,500.0	6,980.7	8,433.4	6,910.8	28.4	28.1	77.87	-933.3	-78.1	337.5	282.3	55.23	6.110	
8,600.0	6,979.6	8,533.4	6,909.9	29.9	29.6	77.90	-1,033.3	-79.4	337.5	279.2	58.21	5.797	
8,700.0	6,978.5	8,633.4	6,909.0	31.5	31.1	77.94	-1,133.3	-80.6	337.4	276.1	61.28	5.506	
8,800.0	6,977.4	8,733.4	6,908.1	33.1	32.7	77.97	-1,233.3	-81.8	337.4	273.0	64.42	5.237	
8,900.0	6,976.3	8,833.4	6,907.2	34.7	34.4	78.01	-1,333.2	-83.0	337.4	269.7	67.63	4.988	
9,000.0	6,975.2	8,933.4	6,906.3	36.4	36.0	78.04	-1,433.2	-84.2	337.3	266.4	70.89	4.758	
9,100.0	6,974.1	9,033.4	6,905.4	38.0	37.7	78.08	-1,533.2	-85.5	337.3	263.1	74.21	4.545	
9,200.0	6,973.0	9,133.4	6,904.5	39.7	39.4	78.11	-1,633.2	-86.7	337.2	259.7	77.56	4.348	
9,300.0	6,971.9	9,233.4	6,903.6	41.5	41.2	78.15	-1,733.2	-87.9	337.2	256.3	80.95	4.166	
9,400.0	6,970.8	9,333.4	6,902.8	43.2	42.9	78.18	-1,833.2	-89.1	337.2	252.8	84.38	3.996	
9,500.0	6,969.7	9,433.4	6,901.9	44.9	44.6	78.22	-1,933.2	-90.3	337.1	249.3	87.83	3.838	
9,600.0	6,968.6	9,533.4	6,901.0	46.7	46.4	78.25	-2,033.2	-91.6	337.1	245.8	91.32	3.692	
9,700.0	6,967.5	9,633.4	6,900.1	48.5	48.2	78.28	-2,133.1	-92.8	337.1	242.3	94.82	3.555	
9,800.0	6,966.4	9,733.4	6,899.2	50.3	50.0	78.32	-2,233.1	-94.0	337.0	238.7	98.35	3.427	
9,900.0	6,965.3	9,833.4	6,898.3	52.1	51.8	78.35	-2,333.1	-95.2	337.0	235.1	101.89	3.308	
10,000.0	6,964.2	9,933.4	6,897.4	53.9	53.6	78.39	-2,433.1	-96.4	337.0	231.5	105.45	3.195	
10,100.0	6,963.1	10,033.4	6,896.5	55.7	55.4	78.42	-2,533.1	-97.7	336.9	227.9	109.03	3.090	
10,200.0	6,962.0	10,133.4	6,895.6	57.5	57.2	78.46	-2,633.1	-98.9	336.9	224.3	112.62	2.991	
10,300.0	6,960.9	10,233.4	6,894.7	59.3	59.1	78.49	-2,733.1	-100.1	336.9	220.6	116.22	2.898	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Holton 12-C Pad Sec.12-T6N-R65W - Holton K-12HN - Wellbore #1 - Plan #1 (4-01-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,400.0	6,959.8	10,333.4	6,893.8	61.1	60.9	78.53	-2,833.1	-101.3	336.8	217.0	119.84	2.811	
10,500.0	6,958.7	10,433.4	6,892.9	63.0	62.7	78.56	-2,933.1	-102.6	336.8	213.3	123.47	2.728	
10,600.0	6,957.6	10,533.4	6,892.0	64.8	64.6	78.60	-3,033.0	-103.8	336.8	209.7	127.10	2.650	
10,700.0	6,956.5	10,633.4	6,891.1	66.7	66.4	78.63	-3,133.0	-105.0	336.7	206.0	130.75	2.575	
10,800.0	6,955.4	10,733.4	6,890.2	68.5	68.3	78.67	-3,233.0	-106.2	336.7	202.3	134.40	2.505	
10,900.0	6,954.3	10,833.4	6,889.3	70.4	70.1	78.70	-3,333.0	-107.4	336.7	198.6	138.06	2.439	
11,000.0	6,953.2	10,933.4	6,888.4	72.2	72.0	78.74	-3,433.0	-108.7	336.6	194.9	141.73	2.375	
11,100.0	6,952.1	11,033.4	6,887.5	74.1	73.9	78.77	-3,533.0	-109.9	336.6	191.2	145.41	2.315	
11,200.0	6,951.0	11,133.4	6,886.6	75.9	75.7	78.81	-3,633.0	-111.1	336.6	187.5	149.09	2.258	
11,300.0	6,949.9	11,233.4	6,885.7	77.8	77.6	78.84	-3,733.0	-112.3	336.5	183.8	152.78	2.203	
11,400.0	6,948.8	11,333.4	6,884.8	79.7	79.5	78.88	-3,832.9	-113.5	336.5	180.0	156.47	2.151	
11,500.0	6,947.7	11,433.4	6,883.9	81.5	81.3	78.91	-3,932.9	-114.8	336.5	176.3	160.17	2.101	
11,600.0	6,946.5	11,533.4	6,883.0	83.4	83.2	78.95	-4,032.9	-116.0	336.4	172.6	163.87	2.053	
11,700.0	6,945.4	11,633.4	6,882.1	85.3	85.1	78.98	-4,132.9	-117.2	336.4	168.8	167.58	2.007	
11,800.0	6,944.3	11,733.4	6,881.2	87.2	87.0	79.01	-4,232.9	-118.4	336.4	165.1	171.29	1.964	
11,825.1	6,944.1	11,758.5	6,881.0	87.6	87.4	79.02	-4,258.0	-118.7	336.4	164.1	172.23	1.953	
11,831.2	6,944.0	11,761.2	6,881.0	87.7	87.5	79.02	-4,260.7	-118.8	336.4	164.0	172.39	1.951 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	91.15	-0.4	18.1	18.1	18.1	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	91.15	-0.4	18.1	18.1	17.9	0.22	80.435		
200.0	200.0	200.0	200.0	0.3	0.3	91.15	-0.4	18.1	18.1	17.4	0.67	26.812		
300.0	300.0	300.0	300.0	0.6	0.6	91.15	-0.4	18.1	18.1	17.0	1.12	16.087		
400.0	400.0	400.0	400.0	0.8	0.8	91.15	-0.4	18.1	18.1	16.5	1.57	11.491		
500.0	500.0	500.0	500.0	1.0	1.0	91.15	-0.4	18.1	18.1	16.1	2.02	8.937 CC, ES		
600.0	600.0	599.6	599.6	1.2	1.2	86.71	1.1	19.0	19.0	16.6	2.47	7.713		
700.0	700.0	699.0	698.9	1.5	1.5	75.98	5.4	21.8	22.5	19.6	2.92	7.711		
800.0	800.0	797.9	797.4	1.7	1.7	64.43	12.7	26.4	29.4	26.1	3.37	8.722		
900.0	900.0	896.1	894.9	1.9	1.9	55.44	22.6	32.9	40.2	36.4	3.83	10.498		
1,000.0	1,000.0	993.6	991.1	2.1	2.2	49.28	35.3	41.0	54.8	50.5	4.30	12.763		
1,100.0	1,100.0	1,092.4	1,088.5	2.4	2.6	29.59	49.3	50.0	69.7	64.9	4.75	14.676		
1,200.0	1,199.8	1,191.7	1,186.4	2.6	2.9	28.57	63.4	59.1	81.6	76.4	5.20	15.690		
1,300.0	1,299.5	1,291.3	1,284.6	2.8	3.2	28.85	77.5	68.2	90.5	84.8	5.66	15.983		
1,400.0	1,398.7	1,391.1	1,382.9	3.1	3.6	30.11	91.7	77.3	96.3	90.2	6.13	15.710		
1,500.0	1,497.5	1,490.9	1,481.4	3.3	4.0	32.27	105.8	86.4	99.3	92.7	6.62	14.994		
1,600.0	1,596.1	1,590.8	1,579.8	3.6	4.3	34.68	120.0	95.5	101.6	94.4	7.15	14.197		
1,700.0	1,694.7	1,690.7	1,678.3	3.9	4.7	36.98	134.2	104.6	103.9	96.2	7.70	13.496		
1,800.0	1,793.3	1,790.6	1,776.8	4.2	5.1	39.18	148.3	113.7	106.5	98.2	8.27	12.875		
1,900.0	1,891.9	1,890.5	1,875.2	4.6	5.4	41.27	162.5	122.8	109.2	100.3	8.86	12.324		
2,000.0	1,990.5	1,990.4	1,973.7	4.9	5.8	43.26	176.7	131.9	112.0	102.6	9.47	11.833		
2,100.0	2,089.1	2,090.3	2,072.1	5.2	6.2	45.14	190.8	141.0	115.0	104.9	10.09	11.394		
2,200.0	2,187.7	2,190.1	2,170.6	5.6	6.6	46.93	205.0	150.1	118.1	107.4	10.74	11.000		
2,300.0	2,286.3	2,290.0	2,269.0	5.9	6.9	48.63	219.2	159.2	121.3	109.9	11.39	10.647		
2,400.0	2,384.9	2,389.9	2,367.5	6.3	7.3	50.24	233.3	168.3	124.6	112.5	12.06	10.329		
2,500.0	2,483.5	2,489.8	2,466.0	6.6	7.7	51.77	247.5	177.4	128.0	115.2	12.74	10.043		
2,600.0	2,582.1	2,589.7	2,564.4	7.0	8.1	53.21	261.7	186.6	131.5	118.0	13.44	9.784		
2,700.0	2,680.7	2,689.6	2,662.9	7.4	8.4	54.58	275.8	195.7	135.0	120.9	14.14	9.550		
2,800.0	2,779.3	2,789.5	2,761.3	7.7	8.8	55.88	290.0	204.8	138.7	123.8	14.85	9.338		
2,900.0	2,877.9	2,889.4	2,859.8	8.1	9.2	57.11	304.2	213.9	142.4	126.8	15.57	9.145		
3,000.0	2,976.5	2,989.2	2,958.2	8.5	9.6	58.28	318.3	223.0	146.1	129.8	16.29	8.969		
3,100.0	3,075.1	3,089.1	3,056.7	8.8	10.0	59.39	332.5	232.1	149.9	132.9	17.02	8.809		
3,200.0	3,173.7	3,189.0	3,155.1	9.2	10.3	60.45	346.7	241.2	153.8	136.1	17.76	8.663		
3,300.0	3,272.3	3,288.9	3,253.6	9.6	10.7	61.45	360.8	250.3	157.7	139.2	18.49	8.528		
3,400.0	3,370.9	3,388.8	3,352.1	9.9	11.1	62.40	375.0	259.4	161.7	142.5	19.24	8.405		
3,500.0	3,469.5	3,488.7	3,450.5	10.3	11.5	63.31	389.1	268.5	165.7	145.7	19.98	8.292		
3,600.0	3,568.1	3,588.6	3,549.0	10.7	11.9	64.18	403.3	277.6	169.8	149.0	20.73	8.188		
3,700.0	3,666.7	3,688.4	3,647.4	11.0	12.3	65.00	417.5	286.7	173.8	152.4	21.49	8.091		
3,800.0	3,765.3	3,788.3	3,745.9	11.4	12.6	65.79	431.6	295.9	178.0	155.7	22.24	8.002		
3,900.0	3,863.9	3,888.2	3,844.3	11.8	13.0	66.54	445.8	305.0	182.1	159.1	23.00	7.920		
4,000.0	3,962.5	3,988.1	3,942.8	12.2	13.4	67.26	460.0	314.1	186.3	162.5	23.75	7.843		
4,100.0	4,061.1	4,088.0	4,041.2	12.5	13.8	67.94	474.1	323.2	190.5	166.0	24.51	7.772		
4,200.0	4,159.7	4,187.9	4,139.7	12.9	14.2	68.60	488.3	332.3	194.7	169.5	25.27	7.706		
4,300.0	4,258.3	4,287.8	4,238.2	13.3	14.5	69.23	502.5	341.4	199.0	173.0	26.03	7.644		
4,400.0	4,356.9	4,387.6	4,336.6	13.7	14.9	69.83	516.6	350.5	203.3	176.5	26.80	7.587		
4,500.0	4,455.5	4,487.5	4,435.1	14.0	15.3	70.40	530.8	359.6	207.6	180.0	27.56	7.533		
4,600.0	4,554.1	4,587.4	4,533.5	14.4	15.7	70.96	545.0	368.7	211.9	183.6	28.32	7.482		
4,700.0	4,652.7	4,687.3	4,632.0	14.8	16.1	71.49	559.1	377.8	216.3	187.2	29.09	7.435		
4,800.0	4,751.3	4,787.2	4,730.4	15.2	16.5	72.00	573.3	386.9	220.6	190.8	29.85	7.391		
4,900.0	4,849.9	4,887.1	4,828.9	15.5	16.8	72.49	587.5	396.0	225.0	194.4	30.62	7.349		
5,000.0	4,948.5	4,987.0	4,927.3	15.9	17.2	72.96	601.6	405.2	229.4	198.0	31.38	7.310		
5,100.0	5,047.1	5,086.8	5,025.8	16.3	17.6	73.41	615.8	414.3	233.8	201.7	32.15	7.273		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,200.0	5,145.7	5,186.7	5,124.3	16.7	18.0	73.85	630.0	423.4	238.2	205.3	32.91	7.238	
5,300.0	5,244.3	5,286.6	5,222.7	17.0	18.4	74.27	644.1	432.5	242.7	209.0	33.68	7.205	
5,400.0	5,342.9	5,386.5	5,321.2	17.4	18.8	74.68	658.3	441.6	247.1	212.7	34.45	7.174	
5,500.0	5,441.5	5,486.4	5,419.6	17.8	19.1	75.07	672.5	450.7	251.6	216.4	35.21	7.144	
5,600.0	5,540.1	5,586.3	5,518.1	18.2	19.5	75.45	686.6	459.8	256.1	220.1	35.98	7.116	
5,700.0	5,638.7	5,686.2	5,616.5	18.5	19.9	75.81	700.8	468.9	260.5	223.8	36.75	7.090	
5,800.0	5,737.3	5,786.0	5,715.0	18.9	20.3	76.16	715.0	478.0	265.0	227.5	37.51	7.065	
5,900.0	5,835.9	5,885.9	5,813.5	19.3	20.7	76.50	729.1	487.1	269.5	231.3	38.28	7.041	
6,000.0	5,934.5	5,985.8	5,911.9	19.7	21.1	76.83	743.3	496.2	274.0	235.0	39.05	7.018	
6,100.0	6,033.1	6,085.7	6,010.4	20.1	21.4	77.15	757.5	505.3	278.6	238.8	39.81	6.997	
6,200.0	6,131.7	6,185.6	6,108.8	20.4	21.8	77.46	771.6	514.5	283.1	242.5	40.58	6.976	
6,300.0	6,230.7	6,285.4	6,207.2	20.7	22.2	77.71	785.8	523.6	287.4	246.2	41.21	6.974	
6,400.0	6,330.6	6,383.9	6,304.5	20.9	22.5	-57.80	798.1	532.5	291.4	250.1	41.32	7.053	
6,500.0	6,429.3	6,483.1	6,403.2	20.8	22.7	-79.51	798.7	541.5	296.1	255.0	41.05	7.212	
6,600.0	6,525.1	6,584.5	6,503.2	20.7	22.8	-86.58	785.2	550.5	301.3	260.8	40.51	7.438	
6,700.0	6,616.1	6,688.2	6,602.5	20.4	22.7	-90.92	756.8	559.2	307.1	267.3	39.74	7.726	
6,800.0	6,700.4	6,794.3	6,698.7	20.1	22.4	-94.17	713.2	567.4	313.0	274.2	38.81	8.066	
6,900.0	6,776.5	6,902.7	6,789.4	19.6	22.1	-96.79	654.5	575.0	319.0	281.2	37.78	8.444	
7,000.0	6,842.9	7,013.5	6,871.9	19.2	21.6	-98.92	581.0	581.7	324.7	287.9	36.75	8.834	
7,100.0	6,898.2	7,126.4	6,943.3	18.8	21.2	-100.63	493.8	587.2	329.8	293.9	35.84	9.202	
7,200.0	6,941.5	7,241.3	7,001.1	18.4	20.6	-101.95	394.8	591.4	334.0	298.9	35.14	9.505	
7,300.0	6,971.8	7,357.6	7,042.8	18.2	20.1	-102.89	286.3	594.0	337.2	302.5	34.78	9.697	
7,400.0	6,988.5	7,475.1	7,066.6	18.1	19.7	-103.45	171.5	594.9	339.2	304.4	34.80	9.745	
7,500.0	6,991.8	7,589.8	7,071.8	18.1	19.2	-103.63	56.9	594.0	339.7	304.6	35.14	9.667	
7,600.0	6,990.7	7,689.8	7,070.6	18.5	18.8	-103.61	-43.0	592.8	339.7	304.1	35.64	9.531	
7,700.0	6,989.6	7,789.8	7,069.4	19.1	19.3	-103.60	-143.0	591.6	339.7	303.0	36.69	9.258	
7,800.0	6,988.5	7,889.8	7,068.2	19.8	20.3	-103.58	-243.0	590.4	339.6	301.6	38.09	8.917	
7,900.0	6,987.4	7,989.8	7,067.0	20.8	21.3	-103.57	-343.0	589.2	339.6	299.8	39.80	8.533	
8,000.0	6,986.3	8,089.8	7,065.8	21.8	22.3	-103.55	-443.0	588.0	339.6	297.8	41.77	8.129	
8,100.0	6,985.1	8,189.8	7,064.6	23.0	23.5	-103.54	-543.0	586.7	339.6	295.6	43.98	7.721	
8,200.0	6,984.0	8,289.8	7,063.4	24.2	24.8	-103.52	-643.0	585.5	339.5	293.1	46.39	7.320	
8,300.0	6,982.9	8,389.8	7,062.2	25.6	26.1	-103.51	-742.9	584.3	339.5	290.5	48.96	6.934	
8,400.0	6,981.8	8,489.8	7,061.0	27.0	27.5	-103.49	-842.9	583.1	339.5	287.8	51.68	6.569	
8,500.0	6,980.7	8,589.8	7,059.8	28.4	29.0	-103.48	-942.9	581.9	339.5	284.9	54.52	6.226	
8,600.0	6,979.6	8,689.8	7,058.6	29.9	30.5	-103.46	-1,042.9	580.6	339.4	282.0	57.47	5.906	
8,700.0	6,978.5	8,789.8	7,057.5	31.5	32.0	-103.45	-1,142.9	579.4	339.4	278.9	60.50	5.610	
8,800.0	6,977.4	8,889.8	7,056.3	33.1	33.6	-103.43	-1,242.9	578.2	339.4	275.8	63.62	5.335	
8,900.0	6,976.3	8,989.8	7,055.1	34.7	35.2	-103.42	-1,342.9	577.0	339.4	272.6	66.79	5.081	
9,000.0	6,975.2	9,089.8	7,053.9	36.4	36.8	-103.40	-1,442.8	575.8	339.3	269.3	70.03	4.846	
9,100.0	6,974.1	9,189.8	7,052.7	38.0	38.4	-103.39	-1,542.8	574.6	339.3	266.0	73.31	4.628	
9,200.0	6,973.0	9,289.8	7,051.5	39.7	40.1	-103.37	-1,642.8	573.3	339.3	262.6	76.64	4.427	
9,300.0	6,971.9	9,389.8	7,050.3	41.5	41.8	-103.36	-1,742.8	572.1	339.2	259.2	80.01	4.240	
9,400.0	6,970.8	9,489.8	7,049.1	43.2	43.5	-103.34	-1,842.8	570.9	339.2	255.8	83.40	4.067	
9,500.0	6,969.7	9,589.8	7,047.9	44.9	45.3	-103.33	-1,942.8	569.7	339.2	252.4	86.83	3.906	
9,600.0	6,968.6	9,689.8	7,046.7	46.7	47.0	-103.31	-2,042.8	568.5	339.2	248.9	90.29	3.756	
9,700.0	6,967.5	9,789.8	7,045.5	48.5	48.8	-103.30	-2,142.7	567.2	339.1	245.4	93.77	3.617	
9,800.0	6,966.4	9,889.8	7,044.3	50.3	50.5	-103.28	-2,242.7	566.0	339.1	241.8	97.26	3.487	
9,900.0	6,965.3	9,989.8	7,043.1	52.1	52.3	-103.27	-2,342.7	564.8	339.1	238.3	100.78	3.365	
10,000.0	6,964.2	10,089.8	7,041.9	53.9	54.1	-103.25	-2,442.7	563.6	339.1	234.7	104.32	3.250	
10,100.0	6,963.1	10,189.8	7,040.7	55.7	55.9	-103.24	-2,542.7	562.4	339.0	231.2	107.87	3.143	
10,200.0	6,962.0	10,289.8	7,039.5	57.5	57.7	-103.22	-2,642.7	561.2	339.0	227.6	111.43	3.042	
10,300.0	6,960.9	10,389.8	7,038.3	59.3	59.5	-103.21	-2,742.7	559.9	339.0	224.0	115.01	2.948	

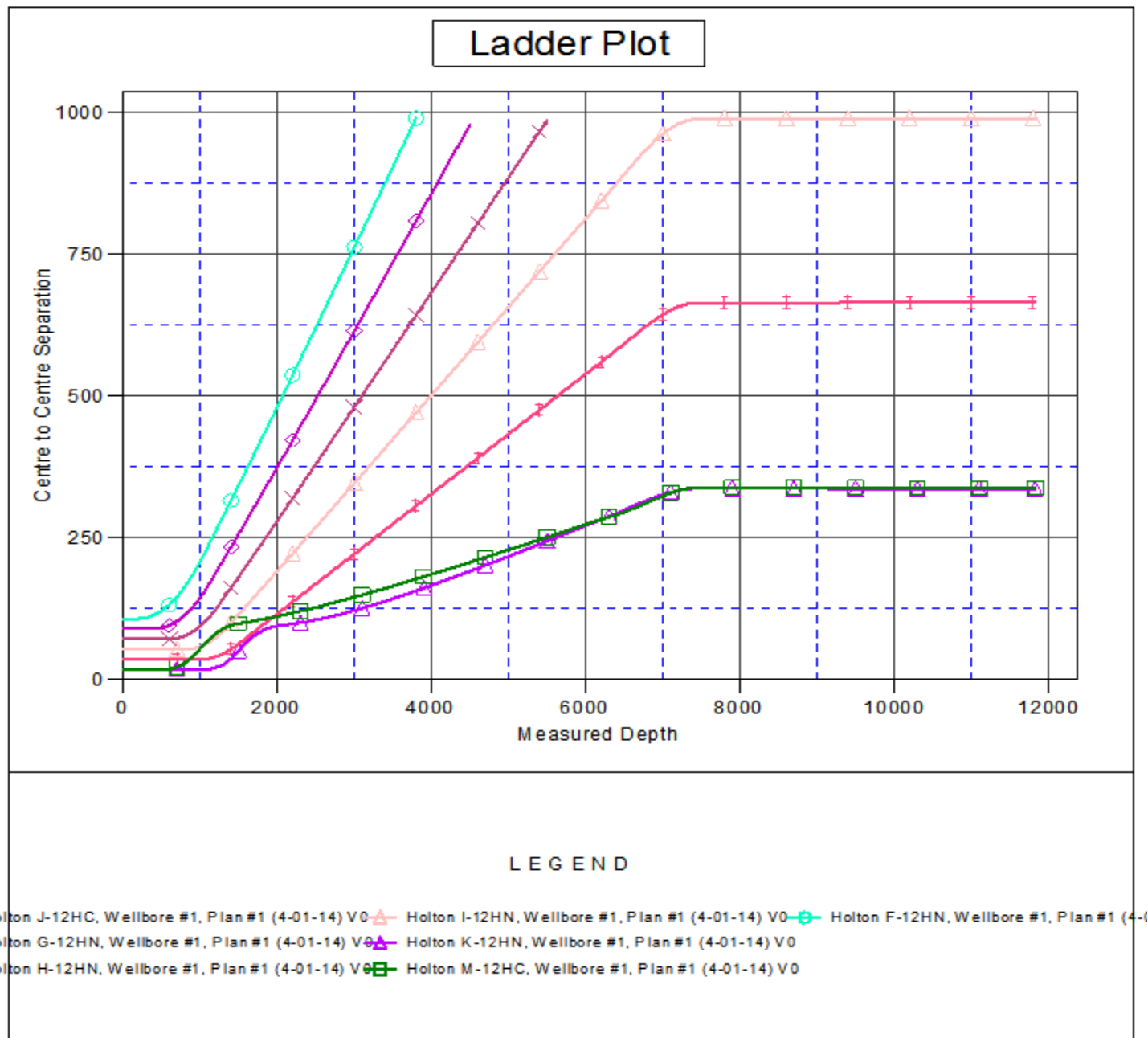
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Offset Design Holton 12-C Pad Sec.12-T6N-R65W - Holton M-12HC - Wellbore #1 - Plan #1 (4-01-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
10,400.0	6,959.8	10,489.8	7,037.1	61.1	61.3	-103.19	-2,842.6	558.7	339.0	220.4	118.59	2.858	
10,500.0	6,958.7	10,589.8	7,035.9	63.0	63.1	-103.18	-2,942.6	557.5	338.9	216.7	122.19	2.774	
10,600.0	6,957.6	10,689.8	7,034.8	64.8	65.0	-103.16	-3,042.6	556.3	338.9	213.1	125.80	2.694	
10,700.0	6,956.5	10,789.8	7,033.6	66.7	66.8	-103.15	-3,142.6	555.1	338.9	209.5	129.42	2.619	
10,800.0	6,955.4	10,889.8	7,032.4	68.5	68.6	-103.13	-3,242.6	553.8	338.9	205.8	133.04	2.547	
10,900.0	6,954.3	10,989.8	7,031.2	70.4	70.5	-103.12	-3,342.6	552.6	338.8	202.2	136.67	2.479	
11,000.0	6,953.2	11,089.8	7,030.0	72.2	72.3	-103.10	-3,442.6	551.4	338.8	198.5	140.31	2.415	
11,100.0	6,952.1	11,189.8	7,028.8	74.1	74.2	-103.09	-3,542.5	550.2	338.8	194.8	143.96	2.353	
11,200.0	6,951.0	11,289.8	7,027.6	75.9	76.0	-103.07	-3,642.5	549.0	338.8	191.1	147.61	2.295	
11,300.0	6,949.9	11,389.8	7,026.4	77.8	77.9	-103.06	-3,742.5	547.8	338.7	187.5	151.27	2.239	
11,400.0	6,948.8	11,489.8	7,025.2	79.7	79.7	-103.04	-3,842.5	546.5	338.7	183.8	154.93	2.186	
11,500.0	6,947.7	11,589.8	7,024.0	81.5	81.6	-103.03	-3,942.5	545.3	338.7	180.1	158.60	2.135	
11,600.0	6,946.5	11,689.8	7,022.8	83.4	83.5	-103.01	-4,042.5	544.1	338.6	176.4	162.27	2.087	
11,700.0	6,945.4	11,789.8	7,021.6	85.3	85.3	-103.00	-4,142.5	542.9	338.6	172.7	165.95	2.041	
11,800.0	6,944.3	11,889.8	7,020.4	87.2	87.2	-102.98	-4,242.4	541.7	338.6	169.0	169.63	1.996	
11,831.2	6,944.0	11,921.0	7,020.0	87.7	87.8	-102.98	-4,273.6	541.3	338.6	167.8	170.78	1.983 SF	

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Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton L-12HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	landmark
Reference Design:	Plan #1 (4-01-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4736.5ft (Original Well Elev) Coordinates are relative to: Holton L-12HN
 Offset Depths are relative to Offset Datum
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Central Meridian is -105.500000 °
 Grid Convergence at Surface is: 0.58°



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton L-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4736.5ft (Original Well Elev)
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4736.5ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
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