

Bayswater Exploration & Production, LLC

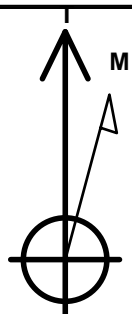
Well Name: **Holton K-12HN**

Surface Location: Holton 12-C Pad Sec.12-T6N-R65W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
Ground Elevation: 4715.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1428504.29	3247992.47	40.506222	-104.608163	
RKB - 22.5' WELL @ 4737.5ft (RKB - 22.5')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 555'FNL, 1815'FEL	1.0	0.0	0.0	Point
BHL 465'FSL, 1895'FEL	6881.0	-4261.1	-100.7	Point
LANDING PT. 465'FNL, 1863'FEL	6920.0	91.1	-47.6	Point



Azimuths to True North
Magnetic North: 8.41°

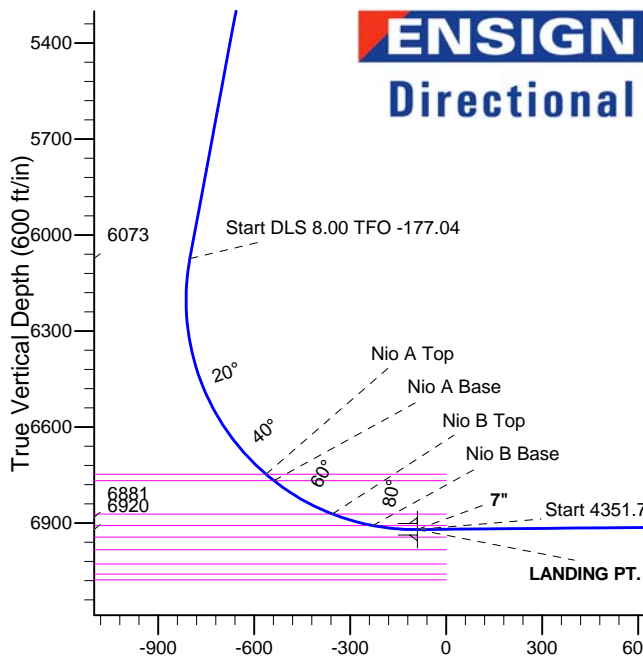
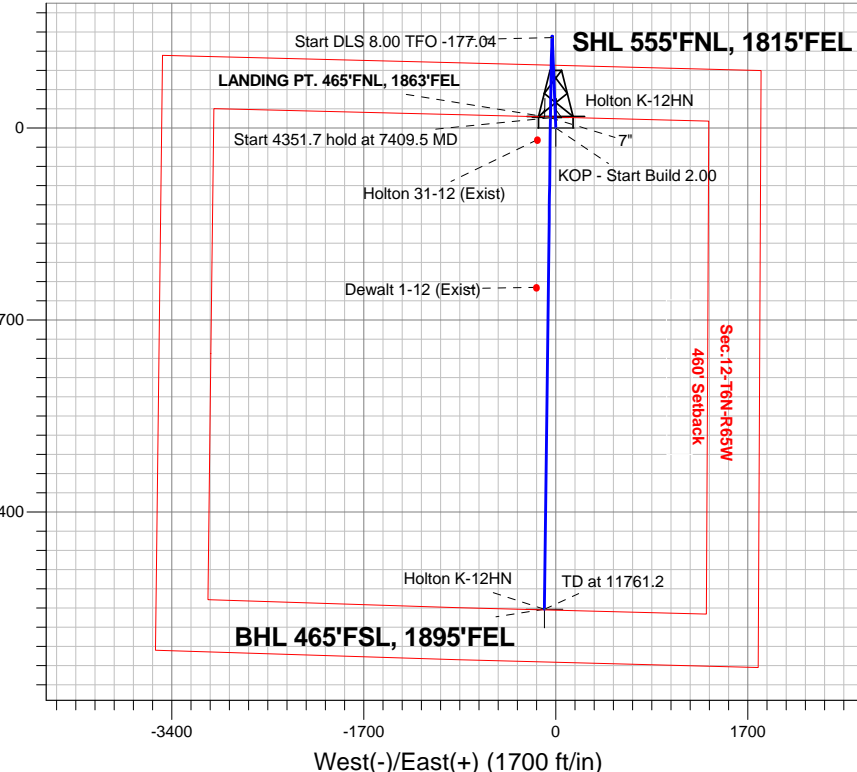
Magnetic Field
Strength: 52909.5nT
Dip Angle: 67.06°
Date: 4/1/2014
Model: IGRF2010

Holton 12-C Pad Sec.12-T6N-R65W
Holton K-12HN
Plan #1 (4-01-14)
11:50, April 04 2014

ANNOTATIONS

TVD	MD	Annotation
1500.0	1500.0	KOP - Start Build 2.00
6073.0	6145.5	Start DLS 8.00 TFO -177.04
6920.0	7409.5	Start 4351.7 hold at 7409.5 MD
6881.0	11761.2	TD at 11761.2

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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2027.3	10.55	357.79	2024.3	48.4	-1.9	2.00	357.79	-48.3	
4	6145.5	10.55	357.79	6073.0	801.5	-30.9	0.00	0.00	-800.5	
5	7408.6	90.51	180.69	6920.0	91.1	-47.6	8.00	-177.04	-89.9	LANDING PT. 465'FNL, 1863'FEL
6	7409.5	90.51	180.70	6920.0	90.1	-47.6	1.00	90.00	-89.0	
7	11761.2	90.51	180.70	6881.0	-4261.1	-100.7	0.00	0.00	4262.2	BHL 465'FSL, 1895'FEL

BHL 465'FSL, 1895'FEL

TD at 11761.2

Vertical Section at 181.35° (600 ft/in)



Bayswater Exploration & Production, LLC

SEC.12-T6N-R65W

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

Holton K-12HN

Wellbore #1

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

Standard Planning Report

04 April, 2014



Database:	landmark	Local Co-ordinate Reference:	Well Holton K-12HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Project:	SEC.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site:	Holton 12-C Pad Sec.12-T6N-R65W	North Reference:	True
Well:	Holton K-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 K-12HN					
Well Position	+N/-S	-2.6 ft	Northing:	1,428,504.29 ft	Latitude:	40.506222
	+E/-W	89.8 ft	Easting:	3,247,992.47 ft	Longitude:	-104.608163
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,715.0 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	181.35

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	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,027.3	10.55	357.79	2,024.3	48.4	-1.9	2.00	2.00	0.00	357.79	
6,145.5	10.55	357.79	6,073.0	801.5	-30.9	0.00	0.00	0.00	0.00	
7,408.6	90.51	180.69	6,920.0	91.1	-47.6	8.00	6.33	-14.02	-177.04	LANDING PT. 465'I
7,409.5	90.51	180.70	6,920.0	90.1	-47.6	1.00	0.00	1.00	90.00	
11,761.2	90.51	180.70	6,881.0	-4,261.1	-100.7	0.00	0.00	0.00	0.00	BHL 465'FSL, 1895

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Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Project:	SEC.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site:	Holton 12-C Pad Sec.12-T6N-R65W	North Reference:	True
Well:	Holton K-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, 1815'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
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 2.00									
1,600.0	2.00	357.79	1,600.0	1.7	-0.1	-1.7	2.00	2.00	0.00
1,700.0	4.00	357.79	1,699.8	7.0	-0.3	-7.0	2.00	2.00	0.00
1,800.0	6.00	357.79	1,799.5	15.7	-0.6	-15.7	2.00	2.00	0.00
1,900.0	8.00	357.79	1,898.7	27.9	-1.1	-27.8	2.00	2.00	0.00
2,000.0	10.00	357.79	1,997.5	43.5	-1.7	-43.4	2.00	2.00	0.00
2,027.3	10.55	357.79	2,024.3	48.4	-1.9	-48.3	2.00	2.00	0.00
2,100.0	10.55	357.79	2,095.8	61.7	-2.4	-61.6	0.00	0.00	0.00
2,200.0	10.55	357.79	2,194.1	79.9	-3.1	-79.8	0.00	0.00	0.00
2,300.0	10.55	357.79	2,292.4	98.2	-3.8	-98.1	0.00	0.00	0.00
2,400.0	10.55	357.79	2,390.7	116.5	-4.5	-116.4	0.00	0.00	0.00
2,500.0	10.55	357.79	2,489.0	134.8	-5.2	-134.6	0.00	0.00	0.00
2,600.0	10.55	357.79	2,587.4	153.1	-5.9	-152.9	0.00	0.00	0.00
2,700.0	10.55	357.79	2,685.7	171.4	-6.6	-171.2	0.00	0.00	0.00
2,800.0	10.55	357.79	2,784.0	189.7	-7.3	-189.4	0.00	0.00	0.00
2,900.0	10.55	357.79	2,882.3	208.0	-8.0	-207.7	0.00	0.00	0.00
3,000.0	10.55	357.79	2,980.6	226.2	-8.7	-226.0	0.00	0.00	0.00
3,100.0	10.55	357.79	3,078.9	244.5	-9.4	-244.2	0.00	0.00	0.00
3,200.0	10.55	357.79	3,177.2	262.8	-10.1	-262.5	0.00	0.00	0.00
3,300.0	10.55	357.79	3,275.5	281.1	-10.9	-280.8	0.00	0.00	0.00
3,400.0	10.55	357.79	3,373.8	299.4	-11.6	-299.0	0.00	0.00	0.00
3,500.0	10.55	357.79	3,472.2	317.7	-12.3	-317.3	0.00	0.00	0.00
3,600.0	10.55	357.79	3,570.5	336.0	-13.0	-335.6	0.00	0.00	0.00
3,700.0	10.55	357.79	3,668.8	354.3	-13.7	-353.8	0.00	0.00	0.00
3,701.8	10.55	357.79	3,670.5	354.6	-13.7	-354.2	0.00	0.00	0.00
Parkman									
3,800.0	10.55	357.79	3,767.1	372.5	-14.4	-372.1	0.00	0.00	0.00
3,900.0	10.55	357.79	3,865.4	390.8	-15.1	-390.4	0.00	0.00	0.00
4,000.0	10.55	357.79	3,963.7	409.1	-15.8	-408.6	0.00	0.00	0.00
4,100.0	10.55	357.79	4,062.0	427.4	-16.5	-426.9	0.00	0.00	0.00
4,200.0	10.55	357.79	4,160.3	445.7	-17.2	-445.2	0.00	0.00	0.00
4,300.0	10.55	357.79	4,258.6	464.0	-17.9	-463.4	0.00	0.00	0.00
4,400.0	10.55	357.79	4,357.0	482.3	-18.6	-481.7	0.00	0.00	0.00
4,500.0	10.55	357.79	4,455.3	500.6	-19.3	-500.0	0.00	0.00	0.00
4,529.7	10.55	357.79	4,484.5	506.0	-19.5	-505.4	0.00	0.00	0.00
Sussex									

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Project:	SEC.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site:	Holton 12-C Pad Sec.12-T6N-R65W	North Reference:	True
Well:	Holton K-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	10.55	357.79	4,553.6	518.9	-20.0	-518.2	0.00	0.00	0.00
4,700.0	10.55	357.79	4,651.9	537.1	-20.7	-536.5	0.00	0.00	0.00
4,800.0	10.55	357.79	4,750.2	555.4	-21.4	-554.8	0.00	0.00	0.00
4,900.0	10.55	357.79	4,848.5	573.7	-22.1	-573.0	0.00	0.00	0.00
5,000.0	10.55	357.79	4,946.8	592.0	-22.9	-591.3	0.00	0.00	0.00
5,035.3	10.55	357.79	4,981.5	598.5	-23.1	-597.7	0.00	0.00	0.00
Shannon									
5,100.0	10.55	357.79	5,045.1	610.3	-23.6	-609.6	0.00	0.00	0.00
5,200.0	10.55	357.79	5,143.4	628.6	-24.3	-627.8	0.00	0.00	0.00
5,300.0	10.55	357.79	5,241.8	646.9	-25.0	-646.1	0.00	0.00	0.00
5,400.0	10.55	357.79	5,340.1	665.2	-25.7	-664.4	0.00	0.00	0.00
5,500.0	10.55	357.79	5,438.4	683.4	-26.4	-682.6	0.00	0.00	0.00
5,600.0	10.55	357.79	5,536.7	701.7	-27.1	-700.9	0.00	0.00	0.00
5,700.0	10.55	357.79	5,635.0	720.0	-27.8	-719.2	0.00	0.00	0.00
5,800.0	10.55	357.79	5,733.3	738.3	-28.5	-737.4	0.00	0.00	0.00
5,900.0	10.55	357.79	5,831.6	756.6	-29.2	-755.7	0.00	0.00	0.00
6,000.0	10.55	357.79	5,929.9	774.9	-29.9	-774.0	0.00	0.00	0.00
6,100.0	10.55	357.79	6,028.2	793.2	-30.6	-792.2	0.00	0.00	0.00
6,145.5	10.55	357.79	6,073.0	801.5	-30.9	-800.5	0.00	0.00	0.00
Start DLS 8.00 TFO -177.04									
6,200.0	6.19	355.71	6,126.9	809.4	-31.4	-808.4	8.00	-7.98	-3.82
6,300.0	1.91	197.16	6,226.7	813.2	-32.3	-812.2	8.00	-4.29	-158.55
6,400.0	9.84	183.81	6,326.1	803.1	-33.3	-802.1	8.00	7.94	-13.34
6,500.0	17.84	182.38	6,423.1	779.2	-34.5	-778.2	8.00	7.99	-1.44
6,600.0	25.83	181.81	6,515.9	742.1	-35.8	-741.0	8.00	8.00	-0.56
6,700.0	33.83	181.50	6,602.6	692.4	-37.3	-691.3	8.00	8.00	-0.31
6,800.0	41.83	181.30	6,681.5	631.1	-38.8	-630.0	8.00	8.00	-0.20
6,894.4	49.39	181.16	6,747.5	563.7	-40.2	-562.6	8.00	8.00	-0.15
Nio A Top									
6,900.0	49.83	181.15	6,751.1	559.5	-40.3	-558.3	8.00	8.00	-0.13
6,926.0	51.91	181.12	6,767.5	539.3	-40.7	-538.2	8.00	8.00	-0.13
Nio A Base									
7,000.0	57.83	181.03	6,810.1	478.8	-41.8	-477.7	8.00	8.00	-0.11
7,100.0	65.83	180.94	6,857.2	390.7	-43.3	-389.6	8.00	8.00	-0.10
7,137.0	68.79	180.90	6,871.5	356.6	-43.9	-355.5	8.00	8.00	-0.09
Nio B Top									
7,200.0	73.83	180.85	6,891.7	297.0	-44.8	-295.8	8.00	8.00	-0.08
7,268.0	79.27	180.80	6,907.5	230.9	-45.7	-229.7	8.00	8.00	-0.08
Nio B Base									
7,300.0	81.83	180.77	6,912.8	199.3	-46.2	-198.1	8.00	8.00	-0.08
7,400.0	89.83	180.70	6,920.0	99.6	-47.4	-98.5	8.00	8.00	-0.08
7,408.6	90.51	180.69	6,920.0	91.1	-47.6	-89.9	7.96	7.96	-0.08
7" - LANDING PT. 465'FNL, 1863'FEL									
7,409.5	90.51	180.70	6,920.0	90.1	-47.6	-89.0	1.06	0.37	1.00
Start 4351.7 hold at 7409.5 MD									
7,500.0	90.51	180.70	6,919.2	-0.3	-48.7	1.5	0.00	0.00	0.00
7,600.0	90.51	180.70	6,918.3	-100.3	-49.9	101.5	0.00	0.00	0.00
7,700.0	90.51	180.70	6,917.4	-200.3	-51.1	201.5	0.00	0.00	0.00
7,800.0	90.51	180.70	6,916.5	-300.3	-52.3	301.5	0.00	0.00	0.00
7,900.0	90.51	180.70	6,915.6	-400.3	-53.6	401.5	0.00	0.00	0.00
8,000.0	90.51	180.70	6,914.7	-500.3	-54.8	501.4	0.00	0.00	0.00
8,100.0	90.51	180.70	6,913.8	-600.3	-56.0	601.4	0.00	0.00	0.00
8,200.0	90.51	180.70	6,912.9	-700.3	-57.2	701.4	0.00	0.00	0.00

Database:	landmark	Local Co-ordinate Reference:	Well Holton K-12HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Project:	SEC.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site:	Holton 12-C Pad Sec.12-T6N-R65W	North Reference:	True
Well:	Holton K-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)
8,300.0	90.51	180.70	6,912.0	-800.3	-58.4	801.4	0.00	0.00	0.00
8,400.0	90.51	180.70	6,911.1	-900.2	-59.7	901.4	0.00	0.00	0.00
8,500.0	90.51	180.70	6,910.2	-1,000.2	-60.9	1,001.4	0.00	0.00	0.00
8,600.0	90.51	180.70	6,909.3	-1,100.2	-62.1	1,101.4	0.00	0.00	0.00
8,700.0	90.51	180.70	6,908.4	-1,200.2	-63.3	1,201.4	0.00	0.00	0.00
8,800.0	90.51	180.70	6,907.5	-1,300.2	-64.5	1,301.4	0.00	0.00	0.00
8,900.0	90.51	180.70	6,906.6	-1,400.2	-65.8	1,401.3	0.00	0.00	0.00
9,000.0	90.51	180.70	6,905.7	-1,500.2	-67.0	1,501.3	0.00	0.00	0.00
9,100.0	90.51	180.70	6,904.8	-1,600.2	-68.2	1,601.3	0.00	0.00	0.00
9,200.0	90.51	180.70	6,903.9	-1,700.2	-69.4	1,701.3	0.00	0.00	0.00
9,300.0	90.51	180.70	6,903.1	-1,800.1	-70.6	1,801.3	0.00	0.00	0.00
9,400.0	90.51	180.70	6,902.2	-1,900.1	-71.9	1,901.3	0.00	0.00	0.00
9,500.0	90.51	180.70	6,901.3	-2,000.1	-73.1	2,001.3	0.00	0.00	0.00
9,600.0	90.51	180.70	6,900.4	-2,100.1	-74.3	2,101.3	0.00	0.00	0.00
9,700.0	90.51	180.70	6,899.5	-2,200.1	-75.5	2,201.3	0.00	0.00	0.00
9,800.0	90.51	180.70	6,898.6	-2,300.1	-76.7	2,301.3	0.00	0.00	0.00
9,900.0	90.51	180.70	6,897.7	-2,400.1	-78.0	2,401.2	0.00	0.00	0.00
10,000.0	90.51	180.70	6,896.8	-2,500.1	-79.2	2,501.2	0.00	0.00	0.00
10,100.0	90.51	180.70	6,895.9	-2,600.0	-80.4	2,601.2	0.00	0.00	0.00
10,200.0	90.51	180.70	6,895.0	-2,700.0	-81.6	2,701.2	0.00	0.00	0.00
10,300.0	90.51	180.70	6,894.1	-2,800.0	-82.8	2,801.2	0.00	0.00	0.00
10,400.0	90.51	180.70	6,893.2	-2,900.0	-84.1	2,901.2	0.00	0.00	0.00
10,500.0	90.51	180.70	6,892.3	-3,000.0	-85.3	3,001.2	0.00	0.00	0.00
10,600.0	90.51	180.70	6,891.4	-3,100.0	-86.5	3,101.2	0.00	0.00	0.00
10,700.0	90.51	180.70	6,890.5	-3,200.0	-87.7	3,201.2	0.00	0.00	0.00
10,800.0	90.51	180.70	6,889.6	-3,300.0	-89.0	3,301.1	0.00	0.00	0.00
10,900.0	90.51	180.70	6,888.7	-3,400.0	-90.2	3,401.1	0.00	0.00	0.00
11,000.0	90.51	180.70	6,887.8	-3,499.9	-91.4	3,501.1	0.00	0.00	0.00
11,100.0	90.51	180.70	6,886.9	-3,599.9	-92.6	3,601.1	0.00	0.00	0.00
11,200.0	90.51	180.70	6,886.0	-3,699.9	-93.8	3,701.1	0.00	0.00	0.00
11,300.0	90.51	180.70	6,885.1	-3,799.9	-95.1	3,801.1	0.00	0.00	0.00
11,400.0	90.51	180.70	6,884.2	-3,899.9	-96.3	3,901.1	0.00	0.00	0.00
11,500.0	90.51	180.70	6,883.3	-3,999.9	-97.5	4,001.1	0.00	0.00	0.00
11,600.0	90.51	180.70	6,882.4	-4,099.9	-98.7	4,101.1	0.00	0.00	0.00
11,700.0	90.51	180.70	6,881.5	-4,199.9	-99.9	4,201.1	0.00	0.00	0.00
11,761.2	90.51	180.70	6,881.0	-4,261.1	-100.7	4,262.2	0.00	0.00	0.00
TD at 11761.2 - BHL 465'FSL, 1895'FEL									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,408.6	6,920.0	7"	7	7-1/2	

Database:	landmark	Local Co-ordinate Reference:	Well Holton K-12HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Project:	SEC.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site:	Holton 12-C Pad Sec.12-T6N-R65W	North Reference:	True
Well:	Holton K-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 (°)	
3,701.8	3,670.5	Parkman				
4,529.7	4,484.5	Sussex				
5,035.3	4,981.5	Shannon				
6,894.4	6,747.5	Nio A Top				
6,926.0	6,767.5	Nio A Base				
7,137.0	6,871.5	Nio B Top				
7,268.0	6,907.5	Nio B Base				
	6,943.5	Nio C Top				
	6,983.5	Nio C Base				
	7,027.5	Fort Hays				
	7,059.5	Codell				
	7,077.5	Base of Codell				

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,500.0	1,500.0	0.0	0.0	KOP - Start Build 2.00
6,145.5	6,073.0	801.5	-30.9	Start DLS 8.00 TFO -177.04
7,409.5	6,920.0	90.1	-47.6	Start 4351.7 hold at 7409.5 MD
11,761.2	6,881.0	-4,261.1	-100.7	TD at 11761.2



Bayswater Exploration & Production, LLC

SEC.12-T6N-R65W

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

Holton K-12HN

Wellbore #1

Plan #1 (4-01-14)

Anticollision Report

04 April, 2014



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	11,761.2	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						
Existing Wells Sec.12-T6N-R65W						
Dewalt 1-12 (Exist) - Wellbore #1 - Wellbore #1	8,911.4	6,876.0	106.0	-67.2	0.612	Level 1, CC, ES, SF
Holton 31-12 (Exist) - Wellbore #1 - Wellbore #1	7,603.8	6,894.8	113.3	-43.2	0.724	Level 1, CC, ES, SF
Holton 12-C Pad Sec.12-T6N-R65W						
Holton F-12HN - Wellbore #1 - Plan #1 (4-01-14)	165.6	168.6	89.9	89.3	170.649	CC
Holton F-12HN - Wellbore #1 - Plan #1 (4-01-14)	200.0	202.9	89.9	89.2	131.999	ES
Holton F-12HN - Wellbore #1 - Plan #1 (4-01-14)	4,400.0	4,255.5	983.1	956.0	36.368	SF
Holton G-12HN - Wellbore #1 - Plan #1 (4-01-14)	365.6	368.6	72.1	70.6	50.544	CC
Holton G-12HN - Wellbore #1 - Plan #1 (4-01-14)	400.0	402.9	72.1	70.5	45.611	ES
Holton G-12HN - Wellbore #1 - Plan #1 (4-01-14)	5,500.0	5,384.0	982.5	946.9	27.622	SF
Holton H-12HN - Wellbore #1 - Plan #1 (4-01-14)	565.6	568.6	54.0	51.6	23.215	CC
Holton H-12HN - Wellbore #1 - Plan #1 (4-01-14)	600.0	603.0	54.0	51.5	21.771	ES
Holton H-12HN - Wellbore #1 - Plan #1 (4-01-14)	11,761.2	11,870.6	989.9	815.3	5.670	SF
Holton I-12HN - Wellbore #1 - Plan #1 (4-01-14)	765.6	768.6	35.9	32.7	11.133	CC
Holton I-12HN - Wellbore #1 - Plan #1 (4-01-14)	800.0	803.0	35.9	32.5	10.624	ES
Holton I-12HN - Wellbore #1 - Plan #1 (4-01-14)	11,761.2	11,881.5	663.7	490.0	3.821	SF
Holton J-12HC - Wellbore #1 - Plan #1 (4-01-14)	965.6	968.6	18.1	14.0	4.388	CC
Holton J-12HC - Wellbore #1 - Plan #1 (4-01-14)	1,000.0	1,003.0	18.1	13.8	4.230	ES
Holton J-12HC - Wellbore #1 - Plan #1 (4-01-14)	11,761.2	11,922.8	361.6	199.5	2.230	SF
Holton L-12HN - Wellbore #1 - Plan #1 (4-01-14)	1,000.0	999.0	18.1	13.8	4.236	CC, ES
Holton L-12HN - Wellbore #1 - Plan #1 (4-01-14)	11,761.2	11,827.9	336.4	164.0	1.952	SF
Holton M-12HC - Wellbore #1 - Plan #1 (4-01-14)	500.0	499.0	36.2	34.1	17.894	CC, ES
Holton M-12HC - Wellbore #1 - Plan #1 (4-01-14)	11,761.2	11,917.8	674.9	503.5	3.939	SF

Offset Design	Existing Wells Sec.12-T6N-R65W - Dewalt 1-12 (Exist) - Wellbore #1 - Wellbore #1										Offset Site Error:	0.0 ft
Survey Program:	7155-UNKNOWN										Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		Warning				
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Separation (ft)	Factor
8,000.0	6,914.7	6,884.2	6,884.2	22.2	137.7	94.41	-1,410.3	-171.9	917.5	758.1	159.41	5.756
8,100.0	6,913.8	6,883.3	6,883.3	23.4	137.7	93.92	-1,410.3	-171.9	818.2	657.5	160.70	5.092
8,200.0	6,912.9	6,882.4	6,882.4	24.7	137.6	93.44	-1,410.3	-171.9	719.2	557.1	162.08	4.437
8,300.0	6,912.0	6,881.5	6,881.5	26.1	137.6	92.96	-1,410.3	-171.9	620.5	457.0	163.52	3.795
8,400.0	6,911.1	6,880.6	6,880.6	27.6	137.6	92.48	-1,410.3	-171.9	522.2	357.2	165.01	3.165
8,500.0	6,910.2	6,879.7	6,879.7	29.1	137.6	91.99	-1,410.3	-171.9	424.8	258.3	166.55	2.551

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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 Existing Wells Sec.12-T6N-R65W - Dewalt 1-12 (Exist) - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 7155-UNKNOWN												Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
8,600.0	6,909.3	6,878.8	6,878.8	30.6	137.6	91.51	-1,410.3	-171.9	328.9	160.8	168.12	1.956	
8,700.0	6,908.4	6,877.9	6,877.9	32.2	137.6	91.02	-1,410.3	-171.9	236.5	66.7	169.72	1.393	Level 3
8,800.0	6,907.5	6,877.0	6,877.0	33.8	137.5	90.54	-1,410.3	-171.9	153.7	-17.6	171.35	0.897	Level 1
8,900.0	6,906.6	6,876.1	6,876.1	35.5	137.5	90.06	-1,410.3	-171.9	106.6	-66.4	172.99	0.616	Level 1
8,911.4	6,906.5	6,876.0	6,876.0	35.7	137.5	90.00	-1,410.3	-171.9	106.0	-67.2	173.18	0.612	Level 1, CC, ES, SF
9,000.0	6,905.7	6,875.2	6,875.2	37.1	137.5	89.57	-1,410.3	-171.9	138.1	-36.5	174.65	0.791	Level 1
9,100.0	6,904.8	6,874.3	6,874.3	38.9	137.5	89.09	-1,410.3	-171.9	216.3	40.0	176.31	1.227	Level 2
9,200.0	6,903.9	6,873.4	6,873.4	40.6	137.5	88.60	-1,410.3	-171.9	307.4	129.5	177.99	1.727	
9,300.0	6,903.1	6,872.6	6,872.6	42.3	137.5	88.12	-1,410.3	-171.9	402.8	223.1	179.67	2.242	
9,400.0	6,902.2	6,871.7	6,871.7	44.1	137.4	87.63	-1,410.3	-171.9	500.0	318.6	181.35	2.757	
9,500.0	6,901.3	6,870.8	6,870.8	45.8	137.4	87.15	-1,410.3	-171.9	598.1	415.0	183.03	3.268	
9,600.0	6,900.4	6,869.9	6,869.9	47.6	137.4	86.67	-1,410.3	-171.9	696.7	512.0	184.71	3.772	
9,700.0	6,899.5	6,869.0	6,869.0	49.4	137.4	86.19	-1,410.3	-171.9	795.7	609.3	186.39	4.269	
9,800.0	6,898.6	6,868.1	6,868.1	51.2	137.4	85.70	-1,410.3	-171.9	894.9	706.8	188.06	4.759	
9,900.0	6,897.7	6,867.2	6,867.2	53.0	137.3	85.22	-1,410.3	-171.9	994.2	804.5	189.72	5.240	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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 Existing Wells Sec.12-T6N-R65W - Holton 31-12 (Exist) - Wellbore #1 - Wellbore #1													Offset Site Error:	0.0 ft
Survey Program: 7180-UNKNOWN													Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance		Warning								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-122.19	-102.7	-163.2	194.3					
100.0	100.0	76.5	76.5	0.1	1.5	-122.19	-102.7	-163.2	192.9	191.2	1.64	117.426		
200.0	200.0	176.5	176.5	0.3	3.5	-122.19	-102.7	-163.2	192.9	189.0	3.87	49.874		
300.0	300.0	276.5	276.5	0.6	5.5	-122.19	-102.7	-163.2	192.9	186.8	6.09	31.661		
400.0	400.0	376.5	376.5	0.8	7.5	-122.19	-102.7	-163.2	192.9	184.6	8.32	23.192		
500.0	500.0	476.5	476.5	1.0	9.5	-122.19	-102.7	-163.2	192.9	182.3	10.54	18.297		
600.0	600.0	576.5	576.5	1.2	11.5	-122.19	-102.7	-163.2	192.9	180.1	12.77	15.109		
700.0	700.0	676.5	676.5	1.5	13.5	-122.19	-102.7	-163.2	192.9	177.9	14.99	12.866		
800.0	800.0	776.5	776.5	1.7	15.5	-122.19	-102.7	-163.2	192.9	175.7	17.22	11.204		
900.0	900.0	876.5	876.5	1.9	17.5	-122.19	-102.7	-163.2	192.9	173.4	19.44	9.922		
1,000.0	1,000.0	976.5	976.5	2.1	19.5	-122.19	-102.7	-163.2	192.9	171.2	21.67	8.903		
1,100.0	1,100.0	1,076.5	1,076.5	2.4	21.5	-122.19	-102.7	-163.2	192.9	169.0	23.89	8.074		
1,200.0	1,200.0	1,176.5	1,176.5	2.6	23.5	-122.19	-102.7	-163.2	192.9	166.8	26.11	7.386		
1,300.0	1,300.0	1,276.5	1,276.5	2.8	25.5	-122.19	-102.7	-163.2	192.9	164.5	28.34	6.806		
1,400.0	1,400.0	1,376.5	1,376.5	3.0	27.5	-122.19	-102.7	-163.2	192.9	162.3	30.56	6.311		
1,500.0	1,500.0	1,476.5	1,476.5	3.3	29.5	-122.19	-102.7	-163.2	192.9	160.1	32.79	5.882		
1,600.0	1,600.0	1,576.5	1,576.5	3.5	31.5	-120.41	-102.7	-163.2	193.8	158.8	35.01	5.535		
1,700.0	1,699.8	1,676.3	1,676.3	3.7	33.5	-121.68	-102.7	-163.2	196.5	159.3	37.21	5.280		
1,800.0	1,799.5	1,776.0	1,776.0	3.9	35.5	-123.71	-102.7	-163.2	201.2	161.8	39.39	5.108		
1,900.0	1,898.7	1,875.2	1,875.2	4.2	37.5	-126.37	-102.7	-163.2	208.2	166.7	41.53	5.013		
2,000.0	1,997.5	1,974.0	1,974.0	4.4	39.5	-129.51	-102.7	-163.2	217.9	174.3	43.63	4.994		
2,100.0	2,095.8	2,072.3	2,072.3	4.7	41.4	-132.93	-102.7	-163.2	230.0	184.2	45.77	5.025		
2,200.0	2,194.1	2,170.6	2,170.6	5.0	43.4	-136.06	-102.7	-163.2	242.9	195.0	47.94	5.068		
2,300.0	2,292.4	2,268.9	2,268.9	5.3	45.4	-138.88	-102.7	-163.2	256.5	206.4	50.11	5.120		
2,400.0	2,390.7	2,367.2	2,367.2	5.6	47.3	-141.41	-102.7	-163.2	270.7	218.4	52.28	5.177		
2,500.0	2,489.0	2,465.5	2,465.5	6.0	49.3	-143.69	-102.7	-163.2	285.3	230.9	54.46	5.239		
2,600.0	2,587.4	2,563.9	2,563.9	6.3	51.3	-145.75	-102.7	-163.2	300.3	243.7	56.64	5.303		
2,700.0	2,685.7	2,662.2	2,662.2	6.7	53.2	-147.61	-102.7	-163.2	315.7	256.9	58.81	5.368		
2,800.0	2,784.0	2,760.5	2,760.5	7.0	55.2	-149.30	-102.7	-163.2	331.4	270.4	60.99	5.433		
2,900.0	2,882.3	2,858.8	2,858.8	7.4	57.2	-150.83	-102.7	-163.2	347.3	284.1	63.17	5.498		
3,000.0	2,980.6	2,957.1	2,957.1	7.7	59.1	-152.23	-102.7	-163.2	363.5	298.1	65.35	5.562		
3,100.0	3,078.9	3,055.4	3,055.4	8.1	61.1	-153.52	-102.7	-163.2	379.8	312.3	67.52	5.625		
3,200.0	3,177.2	3,153.7	3,153.7	8.5	63.1	-154.69	-102.7	-163.2	396.3	326.6	69.70	5.686		
3,300.0	3,275.5	3,252.0	3,252.0	8.9	65.0	-155.77	-102.7	-163.2	413.0	341.1	71.88	5.746		
3,400.0	3,373.8	3,350.3	3,350.3	9.2	67.0	-156.77	-102.7	-163.2	429.8	355.7	74.06	5.803		
3,500.0	3,472.2	3,448.7	3,448.7	9.6	69.0	-157.70	-102.7	-163.2	446.7	370.5	76.24	5.860		
3,600.0	3,570.5	3,547.0	3,547.0	10.0	70.9	-158.55	-102.7	-163.2	463.7	385.3	78.42	5.914		
3,700.0	3,668.8	3,645.3	3,645.3	10.4	72.9	-159.35	-102.7	-163.2	480.9	400.3	80.60	5.966		
3,800.0	3,767.1	3,743.6	3,743.6	10.8	74.9	-160.09	-102.7	-163.2	498.1	415.3	82.78	6.017		
3,900.0	3,865.4	3,841.9	3,841.9	11.1	76.8	-160.78	-102.7	-163.2	515.3	430.4	84.96	6.066		
4,000.0	3,963.7	3,940.2	3,940.2	11.5	78.8	-161.43	-102.7	-163.2	532.7	445.5	87.14	6.113		
4,100.0	4,062.0	4,038.5	4,038.5	11.9	80.8	-162.03	-102.7	-163.2	550.1	460.8	89.32	6.159		
4,200.0	4,160.3	4,136.8	4,136.8	12.3	82.7	-162.60	-102.7	-163.2	567.6	476.1	91.50	6.203		
4,300.0	4,258.6	4,235.1	4,235.1	12.7	84.7	-163.14	-102.7	-163.2	585.1	491.4	93.68	6.245		
4,400.0	4,357.0	4,333.5	4,333.5	13.1	86.7	-163.64	-102.7	-163.2	602.6	506.8	95.86	6.286		
4,500.0	4,455.3	4,431.8	4,431.8	13.5	88.6	-164.12	-102.7	-163.2	620.2	522.2	98.05	6.326		
4,600.0	4,553.6	4,530.1	4,530.1	13.9	90.6	-164.57	-102.7	-163.2	637.9	537.7	100.23	6.364		
4,700.0	4,651.9	4,628.4	4,628.4	14.3	92.6	-164.99	-102.7	-163.2	655.6	553.2	102.41	6.401		
4,800.0	4,750.2	4,726.7	4,726.7	14.7	94.5	-165.40	-102.7	-163.2	673.3	568.7	104.60	6.437		
4,900.0	4,848.5	4,825.0	4,825.0	15.1	96.5	-165.78	-102.7	-163.2	691.0	584.2	106.78	6.471		
5,000.0	4,946.8	4,923.3	4,923.3	15.5	98.5	-166.14	-102.7	-163.2	708.8	599.8	108.96	6.505		
5,100.0	5,045.1	5,021.6	5,021.6	15.9	100.4	-166.49	-102.7	-163.2	726.6	615.4	111.15	6.537		

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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 Existing Wells Sec.12-T6N-R65W - Holton 31-12 (Exist) - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 7180-UNKNOWN												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,200.0	5,143.4	5,119.9	5,119.9	16.2	102.4	-166.81	-102.7	-163.2	744.4	631.1	113.33	6.568	
5,300.0	5,241.8	5,218.3	5,218.3	16.6	104.4	-167.13	-102.7	-163.2	762.3	646.7	115.52	6.599	
5,400.0	5,340.1	5,316.6	5,316.6	17.0	106.3	-167.43	-102.7	-163.2	780.1	662.4	117.70	6.628	
5,500.0	5,438.4	5,414.9	5,414.9	17.4	108.3	-167.71	-102.7	-163.2	798.0	678.1	119.89	6.656	
5,600.0	5,536.7	5,513.2	5,513.2	17.8	110.3	-167.99	-102.7	-163.2	815.9	693.8	122.07	6.684	
5,700.0	5,635.0	5,611.5	5,611.5	18.2	112.2	-168.25	-102.7	-163.2	833.8	709.6	124.26	6.711	
5,800.0	5,733.3	5,709.8	5,709.8	18.6	114.2	-168.50	-102.7	-163.2	851.8	725.3	126.44	6.736	
5,900.0	5,831.6	5,808.1	5,808.1	19.0	116.2	-168.74	-102.7	-163.2	869.7	741.1	128.63	6.762	
6,000.0	5,929.9	5,906.4	5,906.4	19.4	118.1	-168.97	-102.7	-163.2	887.7	756.9	130.82	6.786	
6,100.0	6,028.2	6,004.7	6,004.7	19.8	120.1	-169.19	-102.7	-163.2	905.7	772.7	133.00	6.810	
6,200.0	6,126.9	6,103.4	6,103.4	20.2	122.1	-167.41	-102.7	-163.2	921.6	785.2	136.48	6.753	
6,300.0	6,226.7	6,203.2	6,203.2	20.3	124.1	-9.02	-102.7	-163.2	925.3	786.2	139.08	6.653	
6,400.0	6,326.1	6,302.6	6,302.6	20.3	126.1	4.41	-102.7	-163.2	915.1	776.1	139.01	6.583	
6,500.0	6,423.1	6,399.6	6,399.6	20.2	128.0	6.23	-102.7	-163.2	891.3	755.1	136.20	6.544	
6,600.0	6,515.9	6,492.4	6,492.4	20.0	129.8	7.51	-102.7	-163.2	854.4	723.7	130.66	6.539	
6,700.0	6,602.6	6,579.1	6,579.1	19.6	131.6	9.01	-102.7	-163.2	805.0	682.5	122.57	6.568	
6,800.0	6,681.5	6,658.0	6,658.0	19.2	133.2	11.12	-102.7	-163.2	744.3	631.9	112.43	6.620	
6,900.0	6,751.1	6,727.6	6,727.6	18.8	134.6	14.35	-102.7	-163.2	673.5	572.1	101.42	6.641	
7,000.0	6,810.1	6,786.6	6,786.6	18.3	135.7	19.64	-102.7	-163.2	594.1	501.5	92.62	6.414	
7,100.0	6,857.2	6,833.7	6,833.7	18.0	136.7	28.87	-102.7	-163.2	507.8	414.2	93.67	5.421	
7,200.0	6,891.7	6,868.2	6,868.2	17.8	137.4	45.18	-102.7	-163.2	416.9	301.8	115.04	3.624	
7,300.0	6,912.8	6,889.3	6,889.3	17.8	137.8	69.10	-102.7	-163.2	323.9	178.1	145.81	2.222	
7,400.0	6,920.0	6,896.5	6,896.5	17.9	137.9	89.69	-102.7	-163.2	233.2	77.4	155.82	1.496 Level 3	
7,500.0	6,919.2	6,895.7	6,895.7	18.0	137.9	90.47	-102.7	-163.2	153.7	-2.3	155.93	0.985 Level 1	
7,600.0	6,918.3	6,894.8	6,894.8	18.5	137.9	90.02	-102.7	-163.2	113.4	-43.1	156.44	0.725 Level 1	
7,603.8	6,918.3	6,894.8	6,894.8	18.6	137.9	90.00	-102.7	-163.2	113.3	-43.2	156.46	0.724 Level 1, CC, ES, SF	
7,700.0	6,917.4	6,893.9	6,893.9	19.2	137.9	89.56	-102.7	-163.2	148.6	-8.5	157.11	0.946 Level 1	
7,800.0	6,916.5	6,893.0	6,893.0	20.1	137.9	89.11	-102.7	-163.2	226.6	68.6	157.93	1.435 Level 3	
7,900.0	6,915.6	6,892.1	6,892.1	21.1	137.8	88.66	-102.7	-163.2	317.1	158.2	158.88	1.996	
8,000.0	6,914.7	6,891.2	6,891.2	22.2	137.8	88.21	-102.7	-163.2	412.1	252.1	159.95	2.576	
8,100.0	6,913.8	6,890.3	6,890.3	23.4	137.8	87.75	-102.7	-163.2	509.0	347.8	161.11	3.159	
8,200.0	6,912.9	6,889.4	6,889.4	24.7	137.8	87.30	-102.7	-163.2	606.8	444.5	162.34	3.738	
8,300.0	6,912.0	6,888.5	6,888.5	26.1	137.8	86.85	-102.7	-163.2	705.3	541.7	163.65	4.310	
8,400.0	6,911.1	6,887.6	6,887.6	27.6	137.8	86.40	-102.7	-163.2	804.2	639.2	165.00	4.874	
8,500.0	6,910.2	6,886.7	6,886.7	29.1	137.7	85.95	-102.7	-163.2	903.3	736.9	166.40	5.428	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	3.0	3.0	0.0	0.0	-88.37	2.6	-89.8	89.9	89.9	0.00	N/A	
100.0	100.0	103.0	103.0	0.1	0.1	-88.37	2.6	-89.8	89.9	89.6	0.23	388.138	
165.6	165.6	168.6	168.6	0.3	0.3	-88.37	2.6	-89.8	89.9	89.3	0.53	170.649 CC	
200.0	200.0	202.9	202.9	0.3	0.3	-88.37	2.6	-89.8	89.9	89.2	0.68	131.999 ES	
300.0	300.0	300.0	300.0	0.6	0.6	-87.83	3.5	-91.3	91.4	90.3	1.12	81.611	
400.0	400.0	397.3	397.1	0.8	0.8	-86.36	6.1	-95.6	96.0	94.4	1.57	61.227	
500.0	500.0	493.9	493.4	1.0	1.0	-84.23	10.4	-102.7	103.7	101.6	2.02	51.263	
600.0	600.0	589.9	588.7	1.2	1.3	-81.75	16.3	-112.5	114.5	112.1	2.48	46.138	
700.0	700.0	685.0	682.6	1.5	1.6	-79.21	23.8	-124.8	128.7	125.7	2.95	43.663	
800.0	800.0	779.0	775.0	1.7	2.0	-76.78	32.8	-139.7	146.2	142.8	3.42	42.788	
900.0	900.0	871.8	865.6	1.9	2.4	-74.59	43.2	-156.8	166.9	163.0	3.89	42.944	
1,000.0	1,000.0	963.1	954.1	2.1	2.8	-72.67	55.0	-176.2	190.9	186.6	4.36	43.788	
1,100.0	1,100.0	1,055.5	1,042.9	2.4	3.3	-70.99	68.2	-198.0	217.9	213.0	4.84	44.994	
1,200.0	1,200.0	1,151.4	1,135.0	2.6	3.8	-69.60	82.2	-221.1	245.5	240.2	5.32	46.157	
1,300.0	1,300.0	1,247.4	1,227.0	2.8	4.4	-68.49	96.3	-244.2	273.3	267.5	5.80	47.130	
1,400.0	1,400.0	1,343.3	1,319.1	3.0	4.9	-67.58	110.3	-267.3	301.1	294.8	6.28	47.943	
1,500.0	1,500.0	1,439.3	1,411.2	3.3	5.5	-66.83	124.3	-290.4	329.0	322.2	6.77	48.629	
1,600.0	1,600.0	1,535.5	1,503.5	3.5	6.1	-63.74	138.4	-313.6	356.2	348.9	7.27	48.974	
1,700.0	1,699.8	1,632.1	1,596.2	3.7	6.6	-63.42	152.5	-336.9	381.9	374.2	7.77	49.141	
1,800.0	1,799.5	1,729.1	1,689.2	3.9	7.2	-63.58	166.7	-360.2	406.2	397.9	8.28	49.037	
1,900.0	1,898.7	1,826.2	1,782.4	4.2	7.8	-64.12	180.9	-383.6	428.9	420.1	8.81	48.681	
2,000.0	1,997.5	1,923.4	1,875.6	4.4	8.3	-64.99	195.1	-407.0	450.4	441.1	9.37	48.084	
2,100.0	2,095.8	2,020.5	1,968.9	4.7	8.9	-66.33	209.3	-430.4	471.1	461.1	9.96	47.298	
2,200.0	2,194.1	2,117.7	2,062.1	5.0	9.5	-67.66	223.5	-453.8	492.0	481.4	10.58	46.503	
2,300.0	2,292.4	2,214.9	2,155.3	5.3	10.1	-68.89	237.7	-477.3	513.1	501.8	11.22	45.725	
2,400.0	2,390.7	2,312.1	2,248.6	5.6	10.6	-70.02	251.9	-500.7	534.4	522.5	11.88	44.974	
2,500.0	2,489.0	2,409.2	2,341.8	6.0	11.2	-71.06	266.1	-524.1	555.9	543.3	12.56	44.255	
2,600.0	2,587.4	2,506.4	2,435.0	6.3	11.8	-72.03	280.3	-547.5	577.6	564.3	13.26	43.572	
2,700.0	2,685.7	2,603.6	2,528.3	6.7	12.4	-72.93	294.5	-570.9	599.4	585.4	13.96	42.927	
2,800.0	2,784.0	2,700.7	2,621.5	7.0	13.0	-73.76	308.7	-594.3	621.3	606.7	14.68	42.319	
2,900.0	2,882.3	2,797.9	2,714.7	7.4	13.5	-74.54	322.9	-617.7	643.4	628.0	15.41	41.747	
3,000.0	2,980.6	2,895.1	2,808.0	7.7	14.1	-75.27	337.1	-641.1	665.6	649.4	16.15	41.211	
3,100.0	3,078.9	2,992.3	2,901.2	8.1	14.7	-75.95	351.3	-664.5	687.8	670.9	16.90	40.708	
3,200.0	3,177.2	3,089.4	2,994.5	8.5	15.3	-76.59	365.5	-687.9	710.2	692.5	17.65	40.237	
3,300.0	3,275.5	3,186.6	3,087.7	8.9	15.9	-77.18	379.7	-711.3	732.6	714.2	18.41	39.795	
3,400.0	3,373.8	3,283.8	3,180.9	9.2	16.4	-77.75	393.9	-734.7	755.1	736.0	19.18	39.380	
3,500.0	3,472.2	3,380.9	3,274.2	9.6	17.0	-78.28	408.1	-758.1	777.7	757.8	19.95	38.991	
3,600.0	3,570.5	3,478.1	3,367.4	10.0	17.6	-78.78	422.3	-781.5	800.3	779.6	20.72	38.626	
3,700.0	3,668.8	3,575.3	3,460.6	10.4	18.2	-79.25	436.5	-804.9	823.0	801.5	21.50	38.282	
3,800.0	3,767.1	3,672.5	3,553.9	10.8	18.8	-79.70	450.7	-828.3	845.8	823.5	22.28	37.959	
3,900.0	3,865.4	3,769.6	3,647.1	11.1	19.3	-80.13	464.9	-851.7	868.6	845.5	23.07	37.654	
4,000.0	3,963.7	3,866.8	3,740.3	11.5	19.9	-80.53	479.1	-875.1	891.4	867.5	23.85	37.367	
4,100.0	4,062.0	3,964.0	3,833.6	11.9	20.5	-80.91	493.3	-898.5	914.3	889.6	24.65	37.096	
4,200.0	4,160.3	4,061.1	3,926.8	12.3	21.1	-81.28	507.5	-921.9	937.2	911.7	25.44	36.840	
4,300.0	4,258.6	4,158.3	4,020.0	12.7	21.7	-81.62	521.7	-945.3	960.1	933.9	26.23	36.597	
4,400.0	4,357.0	4,255.5	4,113.3	13.1	22.2	-81.96	535.9	-968.7	983.1	956.0	27.03	36.368 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	3.0	3.0	0.0	0.0	-88.26	2.2	-72.0	72.1	72.1	0.00	N/A		
100.0	100.0	103.0	103.0	0.1	0.1	-88.26	2.2	-72.0	72.1	71.8	0.23	311.249		
200.0	200.0	203.0	203.0	0.3	0.3	-88.26	2.2	-72.0	72.1	71.4	0.68	105.804		
300.0	300.0	303.0	303.0	0.6	0.6	-88.26	2.2	-72.0	72.1	70.9	1.13	63.735		
365.6	365.6	368.6	368.6	0.7	0.7	-88.26	2.2	-72.0	72.1	70.6	1.43	50.544 CC		
400.0	400.0	402.9	402.9	0.8	0.8	-88.26	2.2	-72.0	72.1	70.5	1.58	45.611 ES		
500.0	500.0	500.0	500.0	1.0	1.0	-87.48	3.2	-73.4	73.6	71.5	2.02	36.439		
600.0	600.0	598.6	598.4	1.2	1.2	-85.34	6.3	-77.5	77.9	75.5	2.46	31.629		
700.0	700.0	695.8	695.3	1.5	1.5	-82.32	11.4	-84.2	85.3	82.4	2.91	29.293		
800.0	800.0	792.4	791.2	1.7	1.7	-78.92	18.3	-93.5	96.0	92.6	3.37	28.493		
900.0	900.0	888.1	885.7	1.9	2.0	-75.55	27.1	-105.2	110.0	106.2	3.83	28.726		
1,000.0	1,000.0	982.7	978.7	2.1	2.4	-72.47	37.7	-119.2	127.4	123.1	4.29	29.678		
1,100.0	1,100.0	1,076.0	1,069.8	2.4	2.7	-69.79	49.9	-135.5	148.2	143.4	4.76	31.139		
1,200.0	1,200.0	1,170.8	1,161.7	2.6	3.2	-67.49	63.8	-154.0	171.8	166.6	5.23	32.841		
1,300.0	1,300.0	1,267.7	1,255.5	2.8	3.6	-65.69	78.3	-173.2	195.9	190.2	5.70	34.383		
1,400.0	1,400.0	1,364.6	1,349.4	3.0	4.1	-64.28	92.7	-192.4	220.2	214.0	6.17	35.701		
1,500.0	1,500.0	1,461.5	1,443.3	3.3	4.6	-63.15	107.1	-211.6	244.6	237.9	6.64	36.832		
1,600.0	1,600.0	1,558.6	1,537.4	3.5	5.1	-59.93	121.6	-230.9	268.2	261.1	7.13	37.612		
1,700.0	1,699.8	1,656.2	1,631.9	3.7	5.6	-59.65	136.1	-250.2	290.1	282.5	7.62	38.092		
1,800.0	1,799.5	1,754.0	1,726.7	3.9	6.1	-59.96	150.7	-269.6	310.3	302.2	8.11	38.248		
1,900.0	1,898.7	1,852.1	1,821.7	4.2	6.6	-60.76	165.3	-289.0	328.9	320.3	8.63	38.114		
2,000.0	1,997.5	1,950.2	1,916.8	4.4	7.1	-61.97	179.9	-308.4	346.0	336.8	9.17	37.715		
2,100.0	2,095.8	2,048.3	2,011.8	4.7	7.6	-63.62	194.5	-327.9	362.2	352.4	9.76	37.119		
2,200.0	2,194.1	2,146.4	2,106.9	5.0	8.1	-65.22	209.1	-347.3	378.6	368.2	10.37	36.514		
2,300.0	2,292.4	2,244.6	2,201.9	5.3	8.6	-66.69	223.7	-366.7	395.3	384.3	11.00	35.924		
2,400.0	2,390.7	2,342.7	2,297.0	5.6	9.1	-68.05	238.3	-386.2	412.2	400.5	11.66	35.356		
2,500.0	2,489.0	2,440.8	2,392.0	6.0	9.6	-69.29	252.9	-405.6	429.3	417.0	12.33	34.813		
2,600.0	2,587.4	2,538.9	2,487.1	6.3	10.2	-70.44	267.5	-425.1	446.6	433.6	13.02	34.299		
2,700.0	2,685.7	2,637.0	2,582.1	6.7	10.7	-71.51	282.1	-444.5	464.1	450.3	13.72	33.814		
2,800.0	2,784.0	2,735.1	2,677.1	7.0	11.2	-72.49	296.8	-463.9	481.7	467.2	14.44	33.358		
2,900.0	2,882.3	2,833.2	2,772.2	7.4	11.7	-73.41	311.4	-483.4	499.4	484.3	15.17	32.931		
3,000.0	2,980.6	2,931.3	2,867.2	7.7	12.2	-74.27	326.0	-502.8	517.3	501.4	15.90	32.530		
3,100.0	3,078.9	3,029.4	2,962.3	8.1	12.7	-75.06	340.6	-522.2	535.2	518.6	16.65	32.156		
3,200.0	3,177.2	3,127.5	3,057.3	8.5	13.3	-75.81	355.2	-541.7	553.3	535.9	17.40	31.806		
3,300.0	3,275.5	3,225.6	3,152.4	8.9	13.8	-76.51	369.8	-561.1	571.4	553.3	18.15	31.479		
3,400.0	3,373.8	3,323.7	3,247.4	9.2	14.3	-77.17	384.4	-580.5	589.7	570.8	18.92	31.172		
3,500.0	3,472.2	3,421.8	3,342.5	9.6	14.8	-77.78	399.0	-600.0	608.0	588.3	19.68	30.886		
3,600.0	3,570.5	3,519.9	3,437.5	10.0	15.3	-78.36	413.6	-619.4	626.3	605.9	20.46	30.617		
3,700.0	3,668.8	3,618.1	3,532.6	10.4	15.8	-78.91	428.2	-638.8	644.7	623.5	21.23	30.365		
3,800.0	3,767.1	3,716.2	3,627.6	10.8	16.4	-79.43	442.8	-658.3	663.2	641.2	22.01	30.129		
3,900.0	3,865.4	3,814.3	3,722.7	11.1	16.9	-79.92	457.5	-677.7	681.7	658.9	22.80	29.906		
4,000.0	3,963.7	3,912.4	3,817.7	11.5	17.4	-80.38	472.1	-697.1	700.3	676.7	23.58	29.697		
4,100.0	4,062.0	4,010.5	3,912.8	11.9	17.9	-80.82	486.7	-716.6	718.9	694.5	24.37	29.501		
4,200.0	4,160.3	4,108.6	4,007.8	12.3	18.4	-81.24	501.3	-736.0	737.5	712.4	25.16	29.315		
4,300.0	4,258.6	4,206.7	4,102.8	12.7	18.9	-81.64	515.9	-755.5	756.2	730.3	25.95	29.140		
4,400.0	4,357.0	4,304.8	4,197.9	13.1	19.5	-82.02	530.5	-774.9	774.9	748.2	26.75	28.974		
4,500.0	4,455.3	4,402.9	4,292.9	13.5	20.0	-82.38	545.1	-794.3	793.7	766.1	27.54	28.817		
4,600.0	4,553.6	4,501.0	4,388.0	13.9	20.5	-82.72	559.7	-813.8	812.5	784.1	28.34	28.669		
4,700.0	4,651.9	4,599.1	4,483.0	14.3	21.0	-83.05	574.3	-833.2	831.3	802.1	29.14	28.528		
4,800.0	4,750.2	4,697.2	4,578.1	14.7	21.5	-83.36	588.9	-852.6	850.1	820.2	29.94	28.395		
4,900.0	4,848.5	4,795.3	4,673.1	15.1	22.1	-83.66	603.5	-872.1	868.9	838.2	30.74	28.268		
5,000.0	4,946.8	4,893.4	4,768.2	15.5	22.6	-83.95	618.1	-891.5	887.8	856.3	31.54	28.147		

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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 G-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
5,100.0	5,045.1	4,991.6	4,863.2	15.9	23.1	-84.23	632.8	-910.9	906.7	874.4	32.35	28.032	
5,200.0	5,143.4	5,089.7	4,958.3	16.2	23.6	-84.49	647.4	-930.4	925.6	892.5	33.15	27.922	
5,300.0	5,241.8	5,187.8	5,053.3	16.6	24.1	-84.74	662.0	-949.8	944.6	910.6	33.96	27.818	
5,400.0	5,340.1	5,285.9	5,148.4	17.0	24.7	-84.99	676.6	-969.2	963.5	928.7	34.76	27.718	
5,500.0	5,438.4	5,384.0	5,243.4	17.4	25.2	-85.22	691.2	-988.7	982.5	946.9	35.57	27.622 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	3.0	3.0	0.0	0.0	-88.45	1.5	-53.9	54.0	54.0	0.00	N/A	
100.0	100.0	103.0	103.0	0.1	0.1	-88.45	1.5	-53.9	54.0	53.7	0.23	233.114	
200.0	200.0	203.0	203.0	0.3	0.3	-88.45	1.5	-53.9	54.0	53.3	0.68	79.243	
300.0	300.0	303.0	303.0	0.6	0.6	-88.45	1.5	-53.9	54.0	52.8	1.13	47.735	
400.0	400.0	403.0	403.0	0.8	0.8	-88.45	1.5	-53.9	54.0	52.4	1.58	34.155	
500.0	500.0	503.0	503.0	1.0	1.0	-88.45	1.5	-53.9	54.0	51.9	2.03	26.590	
565.6	565.6	568.6	568.6	1.2	1.2	-88.45	1.5	-53.9	54.0	51.6	2.32	23.215 CC	
600.0	600.0	603.0	603.0	1.2	1.2	-88.45	1.5	-53.9	54.0	51.5	2.48	21.771 ES	
700.0	700.0	701.6	701.5	1.5	1.5	-87.18	2.7	-55.2	55.3	52.4	2.92	18.933	
800.0	800.0	800.0	799.8	1.7	1.7	-83.83	6.4	-58.9	59.3	56.0	3.36	17.634	
900.0	900.0	897.8	897.3	1.9	1.9	-79.24	12.3	-64.9	66.3	62.5	3.81	17.400	
1,000.0	1,000.0	995.0	993.8	2.1	2.2	-74.30	20.6	-73.3	76.7	72.4	4.27	17.968	
1,100.0	1,100.0	1,091.3	1,088.9	2.4	2.4	-69.69	31.0	-83.8	90.5	85.8	4.72	19.152	
1,200.0	1,200.0	1,186.5	1,182.4	2.6	2.8	-65.70	43.6	-96.5	107.8	102.6	5.18	20.799	
1,300.0	1,300.0	1,282.2	1,275.9	2.8	3.1	-62.40	58.1	-111.2	128.3	122.7	5.65	22.719	
1,400.0	1,400.0	1,379.7	1,371.0	3.0	3.5	-59.92	73.3	-126.5	149.6	143.5	6.11	24.489	
1,500.0	1,500.0	1,477.3	1,466.1	3.3	3.9	-58.05	88.4	-141.8	171.1	164.5	6.57	26.036	
1,600.0	1,600.0	1,575.1	1,561.5	3.5	4.4	-54.48	103.6	-157.1	191.7	184.7	7.05	27.215	
1,700.0	1,699.8	1,673.3	1,657.3	3.7	4.8	-54.13	118.9	-172.5	210.4	202.9	7.52	27.984	
1,800.0	1,799.5	1,771.9	1,753.4	3.9	5.2	-54.55	134.2	-188.0	227.1	219.1	8.00	28.374	
1,900.0	1,898.7	1,870.6	1,849.8	4.2	5.7	-55.58	149.5	-203.5	241.8	233.3	8.50	28.433	
2,000.0	1,997.5	1,969.5	1,946.2	4.4	6.1	-57.16	164.9	-219.0	254.8	245.8	9.03	28.201	
2,100.0	2,095.8	2,068.3	2,042.6	4.7	6.6	-59.19	180.2	-234.5	266.7	257.1	9.61	27.760	
2,200.0	2,194.1	2,167.2	2,139.0	5.0	7.0	-61.12	195.6	-250.0	278.8	268.6	10.21	27.315	
2,300.0	2,292.4	2,266.0	2,235.4	5.3	7.5	-62.89	211.0	-265.5	291.2	280.4	10.83	26.885	
2,400.0	2,390.7	2,364.8	2,331.7	5.6	8.0	-64.51	226.3	-281.0	303.9	292.4	11.48	26.474	
2,500.0	2,489.0	2,463.7	2,428.1	6.0	8.4	-66.01	241.7	-296.5	316.8	304.7	12.15	26.083	
2,600.0	2,587.4	2,562.5	2,524.5	6.3	8.9	-67.38	257.0	-312.1	329.9	317.1	12.83	25.714	
2,700.0	2,685.7	2,661.3	2,620.9	6.7	9.4	-68.66	272.4	-327.6	343.2	329.7	13.53	25.368	
2,800.0	2,784.0	2,760.2	2,717.3	7.0	9.8	-69.83	287.7	-343.1	356.6	342.4	14.24	25.043	
2,900.0	2,882.3	2,859.0	2,813.7	7.4	10.3	-70.92	303.1	-358.6	370.2	355.3	14.96	24.740	
3,000.0	2,980.6	2,957.8	2,910.1	7.7	10.7	-71.94	318.5	-374.1	383.9	368.2	15.70	24.457	
3,100.0	3,078.9	3,056.7	3,006.5	8.1	11.2	-72.88	333.8	-389.6	397.7	381.3	16.44	24.194	
3,200.0	3,177.2	3,155.5	3,102.9	8.5	11.7	-73.76	349.2	-405.1	411.6	394.4	17.19	23.948	
3,300.0	3,275.5	3,254.4	3,199.3	8.9	12.2	-74.59	364.5	-420.6	425.6	407.7	17.94	23.719	
3,400.0	3,373.8	3,353.2	3,295.7	9.2	12.6	-75.36	379.9	-436.1	439.7	421.0	18.70	23.506	
3,500.0	3,472.2	3,452.0	3,392.1	9.6	13.1	-76.08	395.2	-451.6	453.8	434.4	19.47	23.307	
3,600.0	3,570.5	3,550.9	3,488.5	10.0	13.6	-76.76	410.6	-467.1	468.0	447.8	20.24	23.122	
3,700.0	3,668.8	3,649.7	3,584.9	10.4	14.0	-77.40	426.0	-482.6	482.3	461.3	21.02	22.948	
3,800.0	3,767.1	3,748.5	3,681.3	10.8	14.5	-78.00	441.3	-498.2	496.6	474.8	21.80	22.786	
3,900.0	3,865.4	3,847.4	3,777.7	11.1	15.0	-78.57	456.7	-513.7	511.0	488.4	22.58	22.634	
4,000.0	3,963.7	3,946.2	3,874.1	11.5	15.4	-79.11	472.0	-529.2	525.4	502.1	23.36	22.491	
4,100.0	4,062.0	4,045.0	3,970.5	11.9	15.9	-79.62	487.4	-544.7	539.9	515.8	24.15	22.357	
4,200.0	4,160.3	4,143.9	4,066.9	12.3	16.4	-80.10	502.7	-560.2	554.4	529.5	24.94	22.232	
4,300.0	4,258.6	4,242.7	4,163.3	12.7	16.8	-80.56	518.1	-575.7	569.0	543.2	25.73	22.113	
4,400.0	4,357.0	4,341.6	4,259.7	13.1	17.3	-81.00	533.5	-591.2	583.6	557.0	26.52	22.002	
4,500.0	4,455.3	4,440.4	4,356.1	13.5	17.8	-81.41	548.8	-606.7	598.2	570.8	27.32	21.897	
4,600.0	4,553.6	4,539.2	4,452.5	13.9	18.3	-81.81	564.2	-622.2	612.8	584.7	28.11	21.798	
4,700.0	4,651.9	4,638.1	4,548.9	14.3	18.7	-82.18	579.5	-637.7	627.5	598.6	28.91	21.704	
4,800.0	4,750.2	4,736.9	4,645.3	14.7	19.2	-82.54	594.9	-653.2	642.2	612.5	29.71	21.615	
4,900.0	4,848.5	4,835.7	4,741.7	15.1	19.7	-82.88	610.2	-668.8	656.9	626.4	30.51	21.531	
5,000.0	4,946.8	4,934.6	4,838.1	15.5	20.1	-83.21	625.6	-684.3	671.6	640.3	31.31	21.451	

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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
5,100.0	5,045.1	5,033.4	4,934.5	15.9	20.6	-83.52	640.9	-699.8	686.4	654.3	32.11	21.375	
5,200.0	5,143.4	5,132.2	5,030.9	16.2	21.1	-83.82	656.3	-715.3	701.2	668.2	32.91	21.303	
5,300.0	5,241.8	5,231.1	5,127.2	16.6	21.5	-84.11	671.7	-730.8	716.0	682.2	33.72	21.234	
5,400.0	5,340.1	5,329.9	5,223.6	17.0	22.0	-84.39	687.0	-746.3	730.8	696.3	34.52	21.169	
5,500.0	5,438.4	5,428.8	5,320.0	17.4	22.5	-84.65	702.4	-761.8	745.6	710.3	35.33	21.107	
5,600.0	5,536.7	5,527.6	5,416.4	17.8	23.0	-84.91	717.7	-777.3	760.4	724.3	36.13	21.047	
5,700.0	5,635.0	5,626.4	5,512.8	18.2	23.4	-85.15	733.1	-792.8	775.3	738.4	36.94	20.990	
5,800.0	5,733.3	5,725.3	5,609.2	18.6	23.9	-85.39	748.4	-808.3	790.2	752.4	37.74	20.936	
5,900.0	5,831.6	5,824.1	5,705.6	19.0	24.4	-85.62	763.8	-823.8	805.1	766.5	38.55	20.884	
6,000.0	5,929.9	5,922.9	5,802.0	19.4	24.8	-85.84	779.2	-839.3	820.0	780.6	39.36	20.834	
6,100.0	6,028.2	6,021.8	5,898.4	19.8	25.3	-86.05	794.5	-854.9	834.9	794.7	40.16	20.787	
6,200.0	6,126.9	6,120.6	5,994.8	20.2	25.8	-84.71	809.9	-870.4	849.8	808.8	41.00	20.728	
6,300.0	6,226.7	6,218.7	6,090.5	20.3	26.3	73.35	825.1	-885.8	864.9	823.3	41.62	20.782	
6,400.0	6,326.1	6,315.7	6,185.3	20.3	26.7	86.95	838.8	-901.0	880.3	838.4	41.90	21.008	
6,500.0	6,423.1	6,416.2	6,284.4	20.2	26.9	88.76	841.3	-917.2	896.1	854.2	41.87	21.404	
6,600.0	6,515.9	6,520.9	6,386.8	20.0	27.1	89.68	828.9	-934.1	912.0	870.5	41.55	21.950	
6,700.0	6,602.6	6,630.2	6,490.6	19.6	27.1	90.34	799.9	-951.4	927.6	886.6	40.98	22.637	
6,800.0	6,681.5	6,744.5	6,593.3	19.2	27.0	90.87	752.9	-968.9	942.5	902.3	40.20	23.446	
6,900.0	6,751.1	6,864.1	6,691.2	18.8	26.7	91.31	686.6	-985.8	956.1	916.8	39.28	24.341	
7,000.0	6,810.1	6,988.9	6,780.3	18.3	26.3	91.67	600.9	-1,001.6	968.1	929.8	38.33	25.256	
7,100.0	6,857.2	7,118.5	6,855.8	18.0	25.9	91.93	496.7	-1,015.5	977.9	940.4	37.48	26.088	
7,200.0	6,891.7	7,252.0	6,912.9	17.8	25.4	92.08	376.7	-1,026.5	985.1	948.3	36.89	26.706	
7,300.0	6,912.8	7,388.1	6,947.4	17.8	24.9	92.09	245.5	-1,034.1	989.5	952.8	36.69	26.967	
7,400.0	6,920.0	7,523.1	6,956.9	17.9	24.5	91.96	111.1	-1,037.6	990.8	953.8	36.96	26.809	
7,500.0	6,919.2	7,623.1	6,955.4	18.0	24.2	91.92	11.1	-1,038.8	990.8	953.6	37.19	26.640	
7,600.0	6,918.3	7,723.1	6,953.8	18.5	24.1	91.88	-88.8	-1,040.0	990.7	952.6	38.15	25.972	
7,700.0	6,917.4	7,823.1	6,952.2	19.2	24.2	91.84	-188.8	-1,041.2	990.7	951.2	39.45	25.113	
7,800.0	6,916.5	7,923.1	6,950.7	20.1	24.5	91.80	-288.8	-1,042.4	990.7	949.6	41.07	24.120	
7,900.0	6,915.6	8,023.1	6,949.1	21.1	25.1	91.77	-388.8	-1,043.6	990.6	947.7	42.98	23.049	
8,000.0	6,914.7	8,123.1	6,947.5	22.2	25.9	91.73	-488.8	-1,044.9	990.6	945.5	45.13	21.949	
8,100.0	6,913.8	8,223.1	6,946.0	23.4	26.9	91.69	-588.7	-1,046.1	990.6	943.1	47.50	20.856	
8,200.0	6,912.9	8,323.1	6,944.4	24.7	28.0	91.65	-688.7	-1,047.3	990.5	940.5	50.04	19.793	
8,300.0	6,912.0	8,423.1	6,942.9	26.1	29.3	91.61	-788.7	-1,048.5	990.5	937.8	52.75	18.778	
8,400.0	6,911.1	8,523.1	6,941.3	27.6	30.6	91.57	-888.7	-1,049.7	990.5	934.9	55.59	17.819	
8,500.0	6,910.2	8,623.1	6,939.7	29.1	32.0	91.53	-988.6	-1,050.9	990.5	931.9	58.54	16.919	
8,600.0	6,909.3	8,723.1	6,938.2	30.6	33.4	91.50	-1,088.6	-1,052.1	990.4	928.8	61.59	16.081	
8,700.0	6,908.4	8,823.1	6,936.6	32.2	34.9	91.46	-1,188.6	-1,053.3	990.4	925.7	64.72	15.302	
8,800.0	6,907.5	8,923.1	6,935.0	33.8	36.4	91.42	-1,288.6	-1,054.6	990.4	922.5	67.93	14.579	
8,900.0	6,906.6	9,023.1	6,933.5	35.5	38.0	91.38	-1,388.6	-1,055.8	990.4	919.2	71.20	13.909	
9,000.0	6,905.7	9,123.1	6,931.9	37.1	39.6	91.34	-1,488.5	-1,057.0	990.3	915.8	74.52	13.289	
9,100.0	6,904.8	9,223.1	6,930.4	38.9	41.2	91.30	-1,588.5	-1,058.2	990.3	912.4	77.90	12.713	
9,200.0	6,903.9	9,323.1	6,928.8	40.6	42.8	91.26	-1,688.5	-1,059.4	990.3	909.0	81.31	12.179	
9,300.0	6,903.1	9,423.1	6,927.2	42.3	44.5	91.23	-1,788.5	-1,060.6	990.3	905.5	84.76	11.684	
9,400.0	6,902.2	9,523.1	6,925.7	44.1	46.1	91.19	-1,888.5	-1,061.8	990.2	902.0	88.24	11.222	
9,500.0	6,901.3	9,623.0	6,924.1	45.8	47.8	91.15	-1,988.4	-1,063.0	990.2	898.5	91.75	10.793	
9,600.0	6,900.4	9,723.0	6,922.6	47.6	49.5	91.11	-2,088.4	-1,064.2	990.2	894.9	95.28	10.392	
9,700.0	6,899.5	9,823.0	6,921.0	49.4	51.3	91.07	-2,188.4	-1,065.5	990.2	891.3	98.84	10.018	
9,800.0	6,898.6	9,923.0	6,919.4	51.2	53.0	91.03	-2,288.4	-1,066.7	990.2	887.7	102.42	9.667	
9,900.0	6,897.7	10,023.0	6,917.9	53.0	54.7	90.99	-2,388.3	-1,067.9	990.1	884.1	106.02	9.339	
10,000.0	6,896.8	10,123.0	6,916.3	54.8	56.5	90.96	-2,488.3	-1,069.1	990.1	880.5	109.63	9.031	
10,100.0	6,895.9	10,223.0	6,914.7	56.6	58.3	90.92	-2,588.3	-1,070.3	990.1	876.8	113.26	8.742	
10,200.0	6,895.0	10,323.0	6,913.2	58.5	60.0	90.88	-2,688.3	-1,071.5	990.1	873.2	116.90	8.469	

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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						
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	6,894.1	10,423.0	6,911.6	60.3	61.8	90.84	-2,788.3	-1,072.7	990.1	869.5	120.56	8.212	
10,400.0	6,893.2	10,523.0	6,910.1	62.1	63.6	90.80	-2,888.2	-1,073.9	990.0	865.8	124.22	7.970	
10,500.0	6,892.3	10,623.0	6,908.5	64.0	65.4	90.76	-2,988.2	-1,075.1	990.0	862.1	127.90	7.741	
10,600.0	6,891.4	10,723.0	6,906.9	65.8	67.2	90.72	-3,088.2	-1,076.4	990.0	858.4	131.58	7.524	
10,700.0	6,890.5	10,823.0	6,905.4	67.7	69.0	90.69	-3,188.2	-1,077.6	990.0	854.7	135.28	7.318	
10,800.0	6,889.6	10,923.0	6,903.8	69.5	70.8	90.65	-3,288.1	-1,078.8	990.0	851.0	138.98	7.123	
10,900.0	6,888.7	11,023.0	6,902.2	71.4	72.6	90.61	-3,388.1	-1,080.0	990.0	847.3	142.69	6.938	
11,000.0	6,887.8	11,123.0	6,900.7	73.2	74.5	90.57	-3,488.1	-1,081.2	989.9	843.5	146.40	6.762	
11,100.0	6,886.9	11,223.0	6,899.1	75.1	76.3	90.53	-3,588.1	-1,082.4	989.9	839.8	150.12	6.594	
11,200.0	6,886.0	11,323.0	6,897.6	77.0	78.1	90.49	-3,688.1	-1,083.6	989.9	836.1	153.85	6.434	
11,300.0	6,885.1	11,423.0	6,896.0	78.8	80.0	90.46	-3,788.0	-1,084.8	989.9	832.3	157.58	6.282	
11,400.0	6,884.2	11,523.0	6,894.4	80.7	81.8	90.42	-3,888.0	-1,086.1	989.9	828.6	161.32	6.136	
11,500.0	6,883.3	11,623.0	6,892.9	82.6	83.7	90.38	-3,988.0	-1,087.3	989.9	824.8	165.06	5.997	
11,600.0	6,882.4	11,723.0	6,891.3	84.5	85.5	90.34	-4,088.0	-1,088.5	989.9	821.0	168.81	5.864	
11,700.0	6,881.5	11,823.0	6,889.7	86.3	87.4	90.30	-4,187.9	-1,089.7	989.8	817.3	172.56	5.736	
11,740.4	6,881.2	11,863.4	6,889.1	87.1	88.1	90.29	-4,228.3	-1,090.2	989.8	815.8	174.08	5.686	
11,761.2	6,881.0	11,870.6	6,889.0	87.5	88.2	90.28	-4,235.5	-1,090.3	989.9	815.3	174.60	5.670 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	3.0	3.0	0.0	0.0	-88.25	1.1	-35.9	35.9	35.9	0.00	N/A		
100.0	100.0	103.0	103.0	0.1	0.1	-88.25	1.1	-35.9	35.9	35.7	0.23	155.024		
200.0	200.0	203.0	203.0	0.3	0.3	-88.25	1.1	-35.9	35.9	35.2	0.68	52.698		
300.0	300.0	303.0	303.0	0.6	0.6	-88.25	1.1	-35.9	35.9	34.8	1.13	31.744		
400.0	400.0	403.0	403.0	0.8	0.8	-88.25	1.1	-35.9	35.9	34.3	1.58	22.713		
500.0	500.0	503.0	503.0	1.0	1.0	-88.25	1.1	-35.9	35.9	33.9	2.03	17.683		
600.0	600.0	603.0	603.0	1.2	1.2	-88.25	1.1	-35.9	35.9	33.4	2.48	14.476		
700.0	700.0	703.0	703.0	1.5	1.5	-88.25	1.1	-35.9	35.9	33.0	2.93	12.254		
765.6	765.6	768.6	768.6	1.6	1.6	-88.25	1.1	-35.9	35.9	32.7	3.22	11.133 CC		
800.0	800.0	803.0	803.0	1.7	1.7	-88.25	1.1	-35.9	35.9	32.5	3.38	10.624 ES		
900.0	900.0	902.2	902.2	1.9	1.9	-85.98	2.6	-36.9	37.0	33.2	3.82	9.681		
1,000.0	1,000.0	1,001.2	1,001.0	2.1	2.1	-80.19	6.9	-39.9	40.5	36.3	4.27	9.496		
1,100.0	1,100.0	1,100.0	1,099.5	2.4	2.4	-72.65	14.0	-44.8	47.1	42.4	4.72	9.977		
1,200.0	1,200.0	1,197.5	1,196.2	2.6	2.6	-65.27	23.7	-51.5	57.1	52.0	5.17	11.051		
1,300.0	1,300.0	1,294.3	1,291.9	2.8	2.9	-59.01	36.1	-60.1	71.0	65.3	5.63	12.611		
1,400.0	1,400.0	1,391.1	1,387.0	3.0	3.2	-54.11	50.9	-70.3	88.2	82.2	6.09	14.500		
1,500.0	1,500.0	1,489.3	1,483.3	3.3	3.5	-50.68	66.4	-81.0	106.6	100.0	6.54	16.291		
1,600.0	1,600.0	1,587.7	1,579.9	3.5	3.9	-46.38	81.9	-91.8	124.0	117.0	7.00	17.709		
1,700.0	1,699.8	1,686.5	1,676.9	3.7	4.2	-45.81	97.5	-102.6	139.0	131.6	7.46	18.637		
1,800.0	1,799.5	1,785.7	1,774.2	3.9	4.6	-46.29	113.2	-113.4	151.7	143.8	7.93	19.134		
1,900.0	1,898.7	1,885.1	1,871.8	4.2	5.0	-47.61	128.8	-124.2	162.1	153.7	8.41	19.264		
2,000.0	1,997.5	1,984.5	1,969.4	4.4	5.4	-49.66	144.5	-135.1	170.2	161.3	8.92	19.082		
2,100.0	2,095.8	2,084.0	2,067.0	4.7	5.8	-52.25	160.2	-146.0	177.1	167.6	9.47	18.688		
2,200.0	2,194.1	2,183.4	2,164.6	5.0	6.2	-54.71	175.9	-156.8	184.2	174.1	10.06	18.307		
2,300.0	2,292.4	2,282.9	2,262.2	5.3	6.6	-56.98	191.6	-167.7	191.6	180.9	10.67	17.953		
2,400.0	2,390.7	2,382.3	2,359.8	5.6	7.0	-59.09	207.3	-178.6	199.2	187.9	11.30	17.625		
2,500.0	2,489.0	2,481.8	2,457.4	6.0	7.4	-61.03	223.0	-189.4	207.2	195.2	11.96	17.321		
2,600.0	2,587.4	2,581.2	2,554.9	6.3	7.8	-62.83	238.7	-200.3	215.3	202.7	12.64	17.041		
2,700.0	2,685.7	2,680.7	2,652.5	6.7	8.2	-64.50	254.4	-211.1	223.7	210.3	13.33	16.782		
2,800.0	2,784.0	2,780.1	2,750.1	7.0	8.6	-66.04	270.1	-222.0	232.2	218.2	14.03	16.544		
2,900.0	2,882.3	2,879.6	2,847.7	7.4	9.0	-67.48	285.8	-232.9	240.9	226.1	14.75	16.326		
3,000.0	2,980.6	2,979.0	2,945.3	7.7	9.5	-68.81	301.5	-243.7	249.7	234.2	15.48	16.125		
3,100.0	3,078.9	3,078.5	3,042.9	8.1	9.9	-70.06	317.2	-254.6	258.6	242.4	16.23	15.941		
3,200.0	3,177.2	3,177.9	3,140.5	8.5	10.3	-71.22	332.9	-265.4	267.7	250.7	16.97	15.772		
3,300.0	3,275.5	3,277.3	3,238.1	8.9	10.7	-72.30	348.6	-276.3	276.9	259.1	17.73	15.616		
3,400.0	3,373.8	3,376.8	3,335.7	9.2	11.1	-73.32	364.3	-287.2	286.1	267.6	18.49	15.473		
3,500.0	3,472.2	3,476.2	3,433.3	9.6	11.5	-74.27	380.0	-298.0	295.4	276.2	19.26	15.342		
3,600.0	3,570.5	3,575.7	3,530.9	10.0	12.0	-75.16	395.7	-308.9	304.9	284.8	20.03	15.220		
3,700.0	3,668.8	3,675.1	3,628.5	10.4	12.4	-76.00	411.4	-319.7	314.3	293.5	20.81	15.108		
3,800.0	3,767.1	3,774.6	3,726.1	10.8	12.8	-76.79	427.1	-330.6	323.9	302.3	21.59	15.005		
3,900.0	3,865.4	3,874.0	3,823.7	11.1	13.2	-77.54	442.8	-341.5	333.5	311.1	22.37	14.909		
4,000.0	3,963.7	3,973.5	3,921.3	11.5	13.6	-78.24	458.5	-352.3	343.1	320.0	23.15	14.821		
4,100.0	4,062.0	4,072.9	4,018.9	11.9	14.0	-78.90	474.2	-363.2	352.8	328.9	23.94	14.739		
4,200.0	4,160.3	4,172.4	4,116.5	12.3	14.5	-79.53	489.9	-374.0	362.6	337.9	24.73	14.662		
4,300.0	4,258.6	4,271.8	4,214.1	12.7	14.9	-80.13	505.6	-384.9	372.4	346.9	25.52	14.591		
4,400.0	4,357.0	4,371.3	4,311.7	13.1	15.3	-80.69	521.3	-395.8	382.2	355.9	26.31	14.525		
4,500.0	4,455.3	4,470.7	4,409.3	13.5	15.7	-81.23	537.0	-406.6	392.1	365.0	27.11	14.463		
4,600.0	4,553.6	4,570.2	4,506.9	13.9	16.1	-81.74	552.7	-417.5	402.0	374.1	27.90	14.406		
4,700.0	4,651.9	4,669.6	4,604.5	14.3	16.6	-82.23	568.4	-428.3	411.9	383.2	28.70	14.352		
4,800.0	4,750.2	4,769.0	4,702.1	14.7	17.0	-82.69	584.1	-439.2	421.8	392.3	29.50	14.301		
4,900.0	4,848.5	4,868.5	4,799.7	15.1	17.4	-83.13	599.8	-450.1	431.8	401.5	30.30	14.254		
5,000.0	4,946.8	4,967.9	4,897.3	15.5	17.8	-83.56	615.5	-460.9	441.8	410.7	31.09	14.209		

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	5,045.1	5,067.4	4,994.9	15.9	18.3	-83.96	631.2	-471.8	451.9	420.0	31.89	14.167		
5,200.0	5,143.4	5,166.8	5,092.5	16.2	18.7	-84.35	646.9	-482.6	461.9	429.2	32.69	14.128		
5,300.0	5,241.8	5,266.3	5,190.1	16.6	19.1	-84.71	662.6	-493.5	472.0	438.5	33.50	14.090		
5,400.0	5,340.1	5,365.7	5,287.7	17.0	19.5	-85.07	678.3	-504.4	482.1	447.8	34.30	14.055		
5,500.0	5,438.4	5,465.2	5,385.3	17.4	19.9	-85.41	694.0	-515.2	492.2	457.1	35.10	14.022		
5,600.0	5,536.7	5,564.6	5,482.9	17.8	20.4	-85.73	709.7	-526.1	502.3	466.4	35.90	13.990		
5,700.0	5,635.0	5,664.1	5,580.5	18.2	20.8	-86.05	725.4	-536.9	512.4	475.7	36.70	13.961		
5,800.0	5,733.3	5,763.5	5,678.1	18.6	21.2	-86.35	741.1	-547.8	522.6	485.1	37.51	13.933		
5,900.0	5,831.6	5,863.0	5,775.7	19.0	21.6	-86.64	756.8	-558.7	532.7	494.4	38.31	13.906		
6,000.0	5,929.9	5,962.4	5,873.3	19.4	22.0	-86.92	772.5	-569.5	542.9	503.8	39.11	13.880		
6,100.0	6,028.2	6,061.9	5,970.9	19.8	22.5	-87.18	788.2	-580.4	553.1	513.2	39.92	13.856		
6,200.0	6,126.9	6,161.3	6,068.5	20.2	22.9	-87.51	803.9	-591.2	563.3	522.6	40.68	13.845		
6,300.0	6,226.7	6,260.0	6,165.3	20.3	23.3	-87.83	819.5	-602.0	573.4	532.3	41.17	13.929		
6,400.0	6,326.1	6,358.3	6,262.3	20.3	23.6	-88.14	830.9	-612.9	584.1	542.8	41.28	14.147		
6,500.0	6,423.1	6,459.8	6,363.0	20.2	23.8	-88.44	828.9	-624.3	595.2	554.2	41.09	14.485		
6,600.0	6,515.9	6,564.7	6,465.7	20.0	23.8	-88.73	811.8	-636.2	606.7	566.1	40.63	14.933		
6,700.0	6,602.6	6,673.3	6,568.3	19.6	23.7	-89.01	778.3	-648.3	618.2	578.2	39.94	15.479		
6,800.0	6,681.5	6,785.8	6,667.9	19.2	23.4	-89.28	727.7	-660.3	629.2	590.2	39.07	16.106		
6,900.0	6,751.1	6,902.3	6,761.4	18.8	23.1	-89.54	659.4	-671.8	639.5	601.4	38.11	16.781		
7,000.0	6,810.1	7,022.5	6,845.0	18.3	22.6	-89.79	573.9	-682.5	648.5	611.3	37.16	17.451		
7,100.0	6,857.2	7,146.1	6,914.9	18.0	22.1	-90.03	472.6	-691.8	655.9	619.5	36.36	18.041		
7,200.0	6,891.7	7,272.4	6,967.4	17.8	21.5	-90.26	358.2	-699.3	661.4	625.6	35.83	18.458		
7,300.0	6,912.8	7,400.4	6,999.4	17.8	21.0	-90.48	234.5	-704.6	664.7	629.0	35.69	18.625		
7,400.0	6,920.0	7,528.9	7,009.0	17.9	20.5	-90.69	106.6	-707.5	665.6	629.6	36.00	18.489		
7,500.0	6,919.2	7,628.9	7,007.7	18.0	20.1	-90.89	6.6	-708.7	665.6	629.2	36.37	18.299		
7,600.0	6,918.3	7,728.9	7,006.5	18.5	19.9	-91.08	-93.4	-709.9	665.5	628.2	37.34	17.824		
7,700.0	6,917.4	7,828.9	7,005.3	19.2	20.4	-91.26	-193.3	-711.1	665.5	626.8	38.66	17.215		
7,800.0	6,916.5	7,928.9	7,004.0	20.1	21.3	-91.43	-293.3	-712.3	665.4	625.1	40.29	16.514		
7,900.0	6,915.6	8,028.9	7,002.8	21.1	22.4	-91.59	-393.3	-713.5	665.4	623.2	42.21	15.762		
8,000.0	6,914.7	8,128.9	7,001.5	22.2	23.6	-91.74	-493.3	-714.8	665.3	620.9	44.38	14.992		
8,100.0	6,913.8	8,228.9	7,000.3	23.4	24.8	-91.88	-593.3	-716.0	665.3	618.5	46.75	14.229		
8,200.0	6,912.9	8,328.9	6,999.1	24.7	26.1	-92.01	-693.3	-717.2	665.2	615.9	49.31	13.490		
8,300.0	6,912.0	8,428.9	6,997.8	26.1	27.5	-92.13	-793.3	-718.4	665.2	613.2	52.02	12.786		
8,400.0	6,911.1	8,528.9	6,996.6	27.6	28.9	-92.24	-893.2	-719.6	665.1	610.3	54.87	12.123		
8,500.0	6,910.2	8,628.9	6,995.3	29.1	30.4	-92.34	-993.2	-720.8	665.1	607.3	57.82	11.502		
8,600.0	6,909.3	8,728.9	6,994.1	30.6	31.9	-92.43	-1,093.2	-722.1	665.0	604.2	60.87	10.925		
8,700.0	6,908.4	8,828.9	6,992.9	32.2	33.4	-92.51	-1,193.2	-723.3	665.0	601.0	64.01	10.389		
8,800.0	6,907.5	8,928.9	6,991.6	33.8	35.0	-92.58	-1,293.2	-724.5	665.0	597.7	67.21	9.893		
8,900.0	6,906.6	9,028.9	6,990.4	35.5	36.6	-92.64	-1,393.2	-725.7	664.9	594.4	70.48	9.434		
9,000.0	6,905.7	9,128.9	6,989.1	37.1	38.3	-92.69	-1,493.1	-726.9	664.9	591.1	73.80	9.009		
9,100.0	6,904.8	9,228.9	6,987.9	38.9	39.9	-92.73	-1,593.1	-728.1	664.8	587.6	77.17	8.615		
9,200.0	6,903.9	9,328.9	6,986.7	40.6	41.6	-92.76	-1,693.1	-729.4	664.8	584.2	80.57	8.251		
9,300.0	6,903.1	9,428.9	6,985.4	42.3	43.3	-92.78	-1,793.1	-730.6	664.7	580.7	84.02	7.912		
9,400.0	6,902.2	9,528.9	6,984.2	44.1	45.0	-92.79	-1,893.1	-731.8	664.7	577.2	87.49	7.597		
9,500.0	6,901.3	9,628.9	6,982.9	45.8	46.8	-92.79	-1,993.1	-733.0	664.6	573.6	90.99	7.304		
9,600.0	6,900.4	9,728.9	6,981.7	47.6	48.5	-92.78	-2,093.0	-734.2	664.6	570.1	94.52	7.031		
9,700.0	6,899.5	9,828.9	6,980.5	49.4	50.3	-92.76	-2,193.0	-735.4	664.5	566.5	98.07	6.776		
9,800.0	6,898.6	9,928.9	6,979.2	51.2	52.0	-92.73	-2,293.0	-736.7	664.5	562.9	101.64	6.538		
9,900.0	6,897.7	10,028.9	6,978.0	53.0	53.8	-92.69	-2,393.0	-737.9	664.5	559.2	105.22	6.315		
10,000.0	6,896.8	10,128.9	6,976.7	54.8	55.6	-92.64	-2,493.0	-739.1	664.4	555.6	108.83	6.105		
10,100.0	6,895.9	10,228.9	6,975.5	56.6	57.4	-92.58	-2,593.0	-740.3	664.4	551.9	112.45	5.908		
10,200.0	6,895.0	10,328.9	6,974.3	58.5	59.2	-92.51	-2,693.0	-741.5	664.3	548.2	116.08	5.723		

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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 I-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	6,894.1	10,428.8	6,973.0	60.3	61.0	96.56	-2,792.9	-742.7	664.3	544.6	119.72	5.549	
10,400.0	6,893.2	10,528.8	6,971.8	62.1	62.8	96.53	-2,892.9	-744.0	664.2	540.9	123.38	5.384	
10,500.0	6,892.3	10,628.8	6,970.5	64.0	64.6	96.50	-2,992.9	-745.2	664.2	537.2	127.04	5.228	
10,600.0	6,891.4	10,728.8	6,969.3	65.8	66.5	96.48	-3,092.9	-746.4	664.1	533.4	130.72	5.081	
10,700.0	6,890.5	10,828.8	6,968.1	67.7	68.3	96.45	-3,192.9	-747.6	664.1	529.7	134.40	4.941	
10,800.0	6,889.6	10,928.8	6,966.8	69.5	70.1	96.42	-3,292.9	-748.8	664.1	526.0	138.09	4.809	
10,900.0	6,888.7	11,028.8	6,965.6	71.4	72.0	96.39	-3,392.8	-750.0	664.0	522.2	141.79	4.683	
11,000.0	6,887.8	11,128.8	6,964.3	73.2	73.8	96.36	-3,492.8	-751.2	664.0	518.5	145.49	4.564	
11,100.0	6,886.9	11,228.8	6,963.1	75.1	75.7	96.33	-3,592.8	-752.5	663.9	514.7	149.21	4.450	
11,200.0	6,886.0	11,328.8	6,961.9	77.0	77.5	96.30	-3,692.8	-753.7	663.9	511.0	152.92	4.341	
11,300.0	6,885.1	11,428.8	6,960.6	78.8	79.4	96.27	-3,792.8	-754.9	663.9	507.2	156.65	4.238	
11,400.0	6,884.2	11,528.8	6,959.4	80.7	81.2	96.24	-3,892.8	-756.1	663.8	503.4	160.38	4.139	
11,500.0	6,883.3	11,628.8	6,958.1	82.6	83.1	96.21	-3,992.7	-757.3	663.8	499.7	164.11	4.045	
11,600.0	6,882.4	11,728.8	6,956.9	84.5	84.9	96.18	-4,092.7	-758.5	663.7	495.9	167.85	3.954	
11,700.0	6,881.5	11,828.8	6,955.7	86.3	86.8	96.15	-4,192.7	-759.8	663.7	492.1	171.59	3.868	
11,743.7	6,881.2	11,872.5	6,955.1	87.2	87.6	96.14	-4,236.4	-760.3	663.7	490.4	173.22	3.831	
11,761.2	6,881.0	11,881.5	6,955.0	87.5	87.8	96.14	-4,245.4	-760.4	663.7	490.0	173.72	3.821 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	3.0	3.0	0.0	0.0	-87.69	0.7	-18.1	18.1	18.1	0.00	5,073.671	
100.0	100.0	103.0	103.0	0.1	0.1	-87.69	0.7	-18.1	18.1	17.9	0.23	78.140	
200.0	200.0	203.0	203.0	0.3	0.3	-87.69	0.7	-18.1	18.1	17.4	0.68	26.562	
300.0	300.0	303.0	303.0	0.6	0.6	-87.69	0.7	-18.1	18.1	17.0	1.13	16.001	
400.0	400.0	403.0	403.0	0.8	0.8	-87.69	0.7	-18.1	18.1	16.5	1.58	11.449	
500.0	500.0	503.0	503.0	1.0	1.0	-87.69	0.7	-18.1	18.1	16.1	2.03	8.913	
600.0	600.0	603.0	603.0	1.2	1.2	-87.69	0.7	-18.1	18.1	15.6	2.48	7.297	
700.0	700.0	703.0	703.0	1.5	1.5	-87.69	0.7	-18.1	18.1	15.2	2.93	6.177	
800.0	800.0	803.0	803.0	1.7	1.7	-87.69	0.7	-18.1	18.1	14.7	3.38	5.355	
900.0	900.0	903.0	903.0	1.9	1.9	-87.69	0.7	-18.1	18.1	14.3	3.83	4.726	
965.6	965.6	968.6	968.6	2.1	2.1	-87.69	0.7	-18.1	18.1	14.0	4.12	4.388 CC	
1,000.0	1,000.0	1,003.0	1,003.0	2.1	2.1	-87.69	0.7	-18.1	18.1	13.8	4.28	4.230 ES	
1,100.0	1,100.0	1,102.7	1,102.7	2.4	2.4	-82.52	2.5	-18.7	18.9	14.1	4.72	3.995	
1,200.0	1,200.0	1,202.2	1,202.0	2.6	2.6	-70.13	7.4	-20.5	21.9	16.7	5.17	4.227	
1,300.0	1,300.0	1,301.2	1,300.6	2.8	2.8	-56.52	15.6	-23.5	28.3	22.7	5.62	5.037	
1,400.0	1,400.0	1,400.0	1,398.7	3.0	3.1	-45.85	26.9	-27.7	38.8	32.8	6.08	6.391	
1,500.0	1,500.0	1,496.8	1,494.4	3.3	3.3	-38.72	41.1	-32.9	53.3	46.8	6.53	8.161	
1,600.0	1,600.0	1,595.6	1,591.7	3.5	3.6	-32.67	56.9	-38.7	68.3	61.3	6.98	9.777	
1,700.0	1,699.8	1,694.9	1,689.5	3.7	3.9	-31.47	72.8	-44.6	80.4	73.0	7.43	10.822	
1,800.0	1,799.5	1,794.5	1,787.6	3.9	4.2	-31.72	88.7	-50.4	89.6	81.7	7.88	11.369	
1,900.0	1,898.7	1,894.2	1,885.9	4.2	4.6	-33.05	104.7	-56.3	95.9	87.6	8.34	11.497	
2,000.0	1,997.5	1,994.1	1,984.3	4.4	4.9	-35.37	120.6	-62.2	99.4	90.6	8.82	11.271	
2,100.0	2,095.8	2,093.9	2,082.7	4.7	5.3	-38.44	136.6	-68.1	101.0	91.6	9.34	10.816	
2,200.0	2,194.1	2,193.8	2,181.1	5.0	5.6	-41.46	152.6	-74.0	102.8	92.9	9.89	10.394	
2,300.0	2,292.4	2,293.6	2,279.4	5.3	6.0	-44.37	168.6	-79.9	104.8	94.4	10.47	10.016	
2,400.0	2,390.7	2,393.4	2,377.8	5.6	6.3	-47.16	184.6	-85.7	107.2	96.1	11.07	9.679	
2,500.0	2,489.0	2,493.3	2,476.2	6.0	6.7	-49.83	200.5	-91.6	109.7	98.0	11.70	9.376	
2,600.0	2,587.4	2,593.1	2,574.6	6.3	7.1	-52.37	216.5	-97.5	112.5	100.2	12.36	9.105	
2,700.0	2,685.7	2,693.0	2,673.0	6.7	7.4	-54.79	232.5	-103.4	115.5	102.5	13.03	8.862	
2,800.0	2,784.0	2,792.8	2,771.3	7.0	7.8	-57.07	248.5	-109.3	118.7	105.0	13.73	8.645	
2,900.0	2,882.3	2,892.6	2,869.7	7.4	8.2	-59.24	264.4	-115.1	122.1	107.6	14.45	8.451	
3,000.0	2,980.6	2,992.5	2,968.1	7.7	8.6	-61.28	280.4	-121.0	125.6	110.5	15.18	8.278	
3,100.0	3,078.9	3,092.3	3,066.5	8.1	8.9	-63.21	296.4	-126.9	129.3	113.4	15.92	8.123	
3,200.0	3,177.2	3,192.2	3,164.8	8.5	9.3	-65.04	312.4	-132.8	133.2	116.5	16.68	7.985	
3,300.0	3,275.5	3,292.0	3,263.2	8.9	9.7	-66.76	328.4	-138.7	137.1	119.7	17.44	7.862	
3,400.0	3,373.8	3,391.8	3,361.6	9.2	10.1	-68.38	344.3	-144.5	141.2	123.0	18.21	7.753	
3,500.0	3,472.2	3,491.7	3,460.0	9.6	10.4	-69.91	360.3	-150.4	145.4	126.4	18.99	7.655	
3,600.0	3,570.5	3,591.5	3,558.3	10.0	10.8	-71.35	376.3	-156.3	149.7	129.9	19.78	7.568	
3,700.0	3,668.8	3,691.4	3,656.7	10.4	11.2	-72.71	392.3	-162.2	154.0	133.5	20.56	7.491	
3,800.0	3,767.1	3,791.2	3,755.1	10.8	11.6	-74.00	408.3	-168.1	158.5	137.1	21.36	7.421	
3,900.0	3,865.4	3,891.0	3,853.5	11.1	12.0	-75.21	424.2	-173.9	163.0	140.9	22.15	7.360	
4,000.0	3,963.7	3,990.9	3,951.9	11.5	12.3	-76.36	440.2	-179.8	167.6	144.7	22.95	7.304	
4,100.0	4,062.0	4,090.7	4,050.2	11.9	12.7	-77.45	456.2	-185.7	172.3	148.5	23.75	7.255	
4,200.0	4,160.3	4,190.6	4,148.6	12.3	13.1	-78.48	472.2	-191.6	177.0	152.5	24.54	7.211	
4,300.0	4,258.6	4,290.4	4,247.0	12.7	13.5	-79.45	488.2	-197.5	181.8	156.4	25.34	7.172	
4,400.0	4,357.0	4,390.2	4,345.4	13.1	13.9	-80.38	504.1	-203.4	186.6	160.4	26.15	7.137	
4,500.0	4,455.3	4,490.1	4,443.7	13.5	14.2	-81.26	520.1	-209.2	191.5	164.5	26.95	7.105	
4,600.0	4,553.6	4,589.9	4,542.1	13.9	14.6	-82.09	536.1	-215.1	196.4	168.6	27.75	7.077	
4,700.0	4,651.9	4,689.7	4,640.5	14.3	15.0	-82.89	552.1	-221.0	201.3	172.8	28.55	7.052	
4,800.0	4,750.2	4,789.6	4,738.9	14.7	15.4	-83.64	568.0	-226.9	206.3	177.0	29.35	7.030	
4,900.0	4,848.5	4,889.4	4,837.2	15.1	15.8	-84.36	584.0	-232.8	211.3	181.2	30.15	7.009	
5,000.0	4,946.8	4,989.3	4,935.6	15.5	16.2	-85.05	600.0	-238.6	216.4	185.4	30.95	6.991	

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	5,045.1	5,089.1	5,034.0	15.9	16.5	-85.71	616.0	-244.5	221.5	189.7	31.75	6.975	
5,200.0	5,143.4	5,188.9	5,132.4	16.2	16.9	-86.33	632.0	-250.4	226.6	194.0	32.55	6.961	
5,300.0	5,241.8	5,288.8	5,230.7	16.6	17.3	-86.93	647.9	-256.3	231.7	198.4	33.35	6.948	
5,400.0	5,340.1	5,388.6	5,329.1	17.0	17.7	-87.50	663.9	-262.2	236.9	202.7	34.15	6.937	
5,500.0	5,438.4	5,488.5	5,427.5	17.4	18.1	-88.05	679.9	-268.0	242.1	207.1	34.95	6.927	
5,600.0	5,536.7	5,588.3	5,525.9	17.8	18.5	-88.58	695.9	-273.9	247.3	211.5	35.75	6.918	
5,700.0	5,635.0	5,688.1	5,624.3	18.2	18.9	-89.08	711.9	-279.8	252.5	216.0	36.54	6.910	
5,800.0	5,733.3	5,788.0	5,722.6	18.6	19.2	-89.56	727.8	-285.7	257.8	220.4	37.34	6.903	
5,900.0	5,831.6	5,887.8	5,821.0	19.0	19.6	-90.02	743.8	-291.6	263.0	224.9	38.14	6.897	
6,000.0	5,929.9	5,987.7	5,919.4	19.4	20.0	-90.47	759.8	-297.5	268.3	229.4	38.93	6.892	
6,100.0	6,028.2	6,087.5	6,017.8	19.8	20.4	-90.90	775.8	-303.3	273.6	233.9	39.73	6.887	
6,200.0	6,126.9	6,187.3	6,116.1	20.2	20.8	-89.04	791.8	-309.2	278.8	238.3	40.45	6.891	
6,300.0	6,226.7	6,286.4	6,213.7	20.3	21.2	71.61	807.6	-315.0	283.3	242.4	40.86	6.934	
6,400.0	6,326.1	6,384.0	6,310.3	20.3	21.5	89.04	820.6	-320.9	288.7	247.8	40.85	7.067	
6,500.0	6,423.1	6,484.6	6,410.5	20.2	21.6	94.57	821.1	-327.1	295.9	255.5	40.44	7.318	
6,600.0	6,515.9	6,588.8	6,513.5	20.0	21.6	98.98	806.7	-333.6	304.8	265.1	39.69	7.679	
6,700.0	6,602.6	6,697.2	6,617.1	19.6	21.5	102.81	776.1	-340.4	314.7	276.1	38.65	8.144	
6,800.0	6,681.5	6,809.9	6,718.7	19.2	21.2	106.13	728.1	-347.3	325.2	287.9	37.39	8.700	
6,900.0	6,751.1	6,927.0	6,815.0	18.8	20.7	108.95	661.8	-354.1	335.7	299.7	36.03	9.317	
7,000.0	6,810.1	7,048.5	6,902.0	18.3	20.2	111.27	577.5	-360.6	345.4	310.7	34.72	9.948	
7,100.0	6,857.2	7,174.0	6,975.7	18.0	19.7	113.06	476.3	-366.5	353.6	320.0	33.63	10.516	
7,200.0	6,891.7	7,302.9	7,031.7	17.8	19.1	114.31	360.6	-371.4	359.9	327.0	32.92	10.930	
7,300.0	6,912.8	7,434.0	7,066.6	17.8	18.8	115.01	234.4	-375.2	363.7	330.9	32.76	11.101	
7,400.0	6,920.0	7,566.3	7,078.0	17.9	18.6	115.15	102.9	-377.6	364.7	331.5	33.19	10.991	
7,500.0	6,919.2	7,667.1	7,077.0	18.0	18.7	115.12	2.0	-378.8	364.6	331.0	33.64	10.841	
7,600.0	6,918.3	7,767.1	7,075.9	18.5	19.2	115.10	-98.0	-380.0	364.6	330.0	34.59	10.539	
7,700.0	6,917.4	7,867.1	7,074.9	19.2	19.9	115.08	-197.9	-381.3	364.5	328.6	35.87	10.160	
7,800.0	6,916.5	7,967.1	7,073.8	20.1	20.7	115.05	-297.9	-382.5	364.4	327.0	37.45	9.732	
7,900.0	6,915.6	8,067.1	7,072.7	21.1	21.7	115.03	-397.9	-383.7	364.4	325.1	39.28	9.277	
8,000.0	6,914.7	8,167.1	7,071.7	22.2	22.9	115.01	-497.9	-384.9	364.3	323.0	41.33	8.815	
8,100.0	6,913.8	8,267.1	7,070.6	23.4	24.1	114.98	-597.9	-386.1	364.2	320.6	43.57	8.359	
8,200.0	6,912.9	8,367.1	7,069.6	24.7	25.4	114.96	-697.9	-387.3	364.1	318.2	45.98	7.920	
8,300.0	6,912.0	8,467.1	7,068.5	26.1	26.8	114.94	-797.9	-388.5	364.1	315.5	48.52	7.503	
8,400.0	6,911.1	8,567.1	7,067.5	27.6	28.2	114.92	-897.8	-389.8	364.0	312.8	51.19	7.111	
8,500.0	6,910.2	8,667.1	7,066.4	29.1	29.7	114.89	-997.8	-391.0	363.9	310.0	53.96	6.745	
8,600.0	6,909.3	8,767.1	7,065.3	30.6	31.2	114.87	-1,097.8	-392.2	363.8	307.0	56.81	6.405	
8,700.0	6,908.4	8,867.1	7,064.3	32.2	32.8	114.85	-1,197.8	-393.4	363.8	304.0	59.74	6.090	
8,800.0	6,907.5	8,967.1	7,063.2	33.8	34.4	114.83	-1,297.8	-394.6	363.7	301.0	62.73	5.798	
8,900.0	6,906.6	9,067.1	7,062.2	35.5	36.0	114.80	-1,397.8	-395.8	363.6	297.8	65.78	5.528	
9,000.0	6,905.7	9,167.1	7,061.1	37.1	37.7	114.78	-1,497.8	-397.1	363.6	294.7	68.88	5.278	
9,100.0	6,904.8	9,267.1	7,060.1	38.9	39.4	114.76	-1,597.8	-398.3	363.5	291.5	72.02	5.047	
9,200.0	6,903.9	9,367.1	7,059.0	40.6	41.1	114.74	-1,697.7	-399.5	363.4	288.2	75.19	4.833	
9,300.0	6,903.1	9,467.1	7,057.9	42.3	42.8	114.71	-1,797.7	-400.7	363.3	284.9	78.40	4.634	
9,400.0	6,902.2	9,567.1	7,056.9	44.1	44.6	114.69	-1,897.7	-401.9	363.3	281.6	81.64	4.450	
9,500.0	6,901.3	9,667.1	7,055.8	45.8	46.3	114.67	-1,997.7	-403.1	363.2	278.3	84.91	4.278	
9,600.0	6,900.4	9,767.1	7,054.8	47.6	48.1	114.65	-2,097.7	-404.3	363.1	274.9	88.20	4.117	
9,700.0	6,899.5	9,867.1	7,053.7	49.4	49.8	114.62	-2,197.7	-405.6	363.1	271.5	91.50	3.968	
9,800.0	6,898.6	9,967.1	7,052.7	51.2	51.6	114.60	-2,297.7	-406.8	363.0	268.2	94.83	3.828	
9,900.0	6,897.7	10,067.1	7,051.6	53.0	53.4	114.58	-2,397.7	-408.0	362.9	264.7	98.18	3.697	
10,000.0	6,896.8	10,167.1	7,050.6	54.8	55.2	114.55	-2,497.6	-409.2	362.8	261.3	101.54	3.573	
10,100.0	6,895.9	10,267.1	7,049.5	56.6	57.0	114.53	-2,597.6	-410.4	362.8	257.9	104.91	3.458	
10,200.0	6,895.0	10,367.1	7,048.4	58.5	58.8	114.51	-2,697.6	-411.6	362.7	254.4	108.30	3.349	

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	6,894.1	10,467.1	7,047.4	60.3	60.7	114.49	-2,797.6	-412.9	362.6	250.9	111.70	3.247	
10,400.0	6,893.2	10,567.1	7,046.3	62.1	62.5	114.46	-2,897.6	-414.1	362.6	247.4	115.10	3.150	
10,500.0	6,892.3	10,667.1	7,045.3	64.0	64.3	114.44	-2,997.6	-415.3	362.5	244.0	118.52	3.058	
10,600.0	6,891.4	10,767.1	7,044.2	65.8	66.2	114.42	-3,097.6	-416.5	362.4	240.5	121.95	2.972	
10,700.0	6,890.5	10,867.1	7,043.2	67.7	68.0	114.39	-3,197.5	-417.7	362.3	236.9	125.39	2.890	
10,800.0	6,889.6	10,967.1	7,042.1	69.5	69.9	114.37	-3,297.5	-418.9	362.3	233.4	128.83	2.812	
10,900.0	6,888.7	11,067.1	7,041.0	71.4	71.7	114.35	-3,397.5	-420.1	362.2	229.9	132.29	2.738	
11,000.0	6,887.8	11,167.1	7,040.0	73.2	73.6	114.33	-3,497.5	-421.4	362.1	226.4	135.75	2.668	
11,100.0	6,886.9	11,267.1	7,038.9	75.1	75.4	114.30	-3,597.5	-422.6	362.1	222.8	139.21	2.601	
11,200.0	6,886.0	11,367.1	7,037.9	77.0	77.3	114.28	-3,697.5	-423.8	362.0	219.3	142.68	2.537	
11,300.0	6,885.1	11,467.1	7,036.8	78.8	79.1	114.26	-3,797.5	-425.0	361.9	215.8	146.16	2.476	
11,400.0	6,884.2	11,567.1	7,035.8	80.7	81.0	114.24	-3,897.5	-426.2	361.8	212.2	149.64	2.418	
11,500.0	6,883.3	11,667.1	7,034.7	82.6	82.9	114.21	-3,997.4	-427.4	361.8	208.6	153.13	2.362	
11,600.0	6,882.4	11,767.1	7,033.6	84.5	84.7	114.19	-4,097.4	-428.7	361.7	205.1	156.63	2.309	
11,700.0	6,881.5	11,867.1	7,032.6	86.3	86.6	114.17	-4,197.4	-429.9	361.6	201.5	160.12	2.258	
11,745.3	6,881.1	11,912.4	7,032.1	87.2	87.5	114.16	-4,242.7	-430.4	361.6	199.9	161.71	2.236	
11,761.2	6,881.0	11,922.8	7,032.0	87.5	87.7	114.15	-4,253.0	-430.5	361.6	199.5	162.17	2.230 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	99.0	99.0	0.1	0.1	91.15	-0.4	18.1	18.1	17.9	0.22	80.839		
200.0	200.0	199.0	199.0	0.3	0.3	91.15	-0.4	18.1	18.1	17.4	0.67	26.901		
300.0	300.0	299.0	299.0	0.6	0.6	91.15	-0.4	18.1	18.1	17.0	1.12	16.119		
400.0	400.0	399.0	399.0	0.8	0.8	91.15	-0.4	18.1	18.1	16.5	1.57	11.507		
500.0	500.0	499.0	499.0	1.0	1.0	91.15	-0.4	18.1	18.1	16.1	2.02	8.947		
600.0	600.0	599.0	599.0	1.2	1.2	91.15	-0.4	18.1	18.1	15.6	2.47	7.319		
700.0	700.0	699.0	699.0	1.5	1.5	91.15	-0.4	18.1	18.1	15.2	2.92	6.192		
800.0	800.0	799.0	799.0	1.7	1.7	91.15	-0.4	18.1	18.1	14.7	3.37	5.366		
900.0	900.0	899.0	899.0	1.9	1.9	91.15	-0.4	18.1	18.1	14.3	3.82	4.734		
1,000.0	1,000.0	999.0	999.0	2.1	2.1	91.15	-0.4	18.1	18.1	13.8	4.27	4.236 CC, ES		
1,100.0	1,100.0	1,098.8	1,098.8	2.4	2.4	86.08	1.3	18.6	18.6	13.9	4.72	3.944		
1,200.0	1,200.0	1,198.4	1,198.2	2.6	2.6	72.73	6.2	20.0	21.0	15.8	5.16	4.061		
1,300.0	1,300.0	1,297.4	1,296.9	2.8	2.8	57.23	14.4	22.4	26.8	21.1	5.62	4.764		
1,400.0	1,400.0	1,395.8	1,394.5	3.0	3.0	44.94	25.8	25.8	36.8	30.7	6.07	6.053		
1,500.0	1,500.0	1,493.5	1,491.0	3.3	3.3	36.69	40.3	30.0	50.9	44.3	6.53	7.787		
1,600.0	1,600.0	1,592.3	1,588.5	3.5	3.6	34.62	56.1	34.7	65.3	58.4	6.98	9.361		
1,700.0	1,699.8	1,691.6	1,686.4	3.7	3.9	33.27	72.0	39.3	77.1	69.7	7.43	10.378		
1,800.0	1,799.5	1,791.2	1,784.6	3.9	4.2	33.52	87.9	44.0	86.0	78.1	7.89	10.906		
1,900.0	1,898.7	1,891.0	1,883.0	4.2	4.5	34.95	103.9	48.7	92.0	83.7	8.35	11.023		
2,000.0	1,997.5	1,990.8	1,981.5	4.4	4.9	37.47	119.8	53.4	95.3	86.5	8.83	10.793		
2,100.0	2,095.8	2,090.7	2,079.9	4.7	5.2	40.81	135.8	58.1	96.8	87.5	9.36	10.345		
2,200.0	2,194.1	2,190.5	2,178.3	5.0	5.6	44.10	151.8	62.8	98.6	88.6	9.92	9.933		
2,300.0	2,292.4	2,290.3	2,276.8	5.3	5.9	47.27	167.7	67.5	100.6	90.1	10.51	9.570		
2,400.0	2,390.7	2,390.2	2,375.2	5.6	6.3	50.30	183.7	72.2	103.0	91.8	11.13	9.249		
2,500.0	2,489.0	2,490.0	2,473.6	6.0	6.6	53.18	199.7	76.9	105.6	93.8	11.78	8.965		
2,600.0	2,587.4	2,589.8	2,572.0	6.3	7.0	55.92	215.6	81.5	108.5	96.0	12.45	8.715		
2,700.0	2,685.7	2,689.6	2,670.5	6.7	7.3	58.52	231.6	86.2	111.6	98.4	13.14	8.494		
2,800.0	2,784.0	2,789.5	2,768.9	7.0	7.7	60.97	247.6	90.9	114.9	101.1	13.85	8.299		
2,900.0	2,882.3	2,889.3	2,867.3	7.4	8.1	63.28	263.5	95.6	118.4	103.9	14.57	8.128		
3,000.0	2,980.6	2,989.1	2,965.8	7.7	8.4	65.45	279.5	100.3	122.1	106.8	15.31	7.978		
3,100.0	3,078.9	3,088.9	3,064.2	8.1	8.8	67.49	295.5	105.0	126.0	110.0	16.06	7.847		
3,200.0	3,177.2	3,188.8	3,162.6	8.5	9.2	69.41	311.4	109.7	130.0	113.2	16.82	7.732		
3,300.0	3,275.5	3,288.6	3,261.1	8.9	9.5	71.21	327.4	114.4	134.2	116.6	17.59	7.631		
3,400.0	3,373.8	3,388.4	3,359.5	9.2	9.9	72.90	343.4	119.1	138.5	120.1	18.36	7.543		
3,500.0	3,472.2	3,488.3	3,457.9	9.6	10.3	74.49	359.3	123.8	142.9	123.7	19.13	7.467		
3,600.0	3,570.5	3,588.1	3,556.3	10.0	10.6	75.98	375.3	128.5	147.4	127.5	19.92	7.400		
3,700.0	3,668.8	3,687.9	3,654.8	10.4	11.0	77.38	391.3	133.1	152.0	131.3	20.70	7.342		
3,800.0	3,767.1	3,787.7	3,753.2	10.8	11.4	78.70	407.2	137.8	156.7	135.2	21.48	7.291		
3,900.0	3,865.4	3,887.6	3,851.6	11.1	11.7	79.94	423.2	142.5	161.4	139.1	22.27	7.248		
4,000.0	3,963.7	3,987.4	3,950.1	11.5	12.1	81.12	439.2	147.2	166.2	143.2	23.06	7.210		
4,100.0	4,062.0	4,087.2	4,048.5	11.9	12.5	82.22	455.1	151.9	171.1	147.3	23.85	7.177		
4,200.0	4,160.3	4,187.0	4,146.9	12.3	12.9	83.26	471.1	156.6	176.1	151.5	24.64	7.148		
4,300.0	4,258.6	4,286.9	4,245.4	12.7	13.2	84.25	487.1	161.3	181.1	155.7	25.42	7.124		
4,400.0	4,357.0	4,386.7	4,343.8	13.1	13.6	85.18	503.0	166.0	186.2	160.0	26.21	7.103		
4,500.0	4,455.3	4,486.5	4,442.2	13.5	14.0	86.07	519.0	170.7	191.3	164.3	27.00	7.085		
4,600.0	4,553.6	4,586.4	4,540.6	13.9	14.4	86.90	535.0	175.4	196.4	168.6	27.79	7.069		
4,700.0	4,651.9	4,686.2	4,639.1	14.3	14.7	87.70	550.9	180.1	201.6	173.0	28.57	7.056		
4,800.0	4,750.2	4,786.0	4,737.5	14.7	15.1	88.45	566.9	184.8	206.8	177.5	29.36	7.046		
4,900.0	4,848.5	4,885.8	4,835.9	15.1	15.5	89.17	582.9	189.4	212.1	182.0	30.14	7.037		
5,000.0	4,946.8	4,985.7	4,934.4	15.5	15.9	89.85	598.8	194.1	217.4	186.5	30.93	7.029		
5,100.0	5,045.1	5,085.5	5,032.8	15.9	16.2	90.50	614.8	198.8	222.7	191.0	31.71	7.023		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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
5,200.0	5,143.4	5,185.3	5,131.2	16.2	16.6	91.12	630.8	203.5	228.1	195.6	32.50	7.019	
5,300.0	5,241.8	5,285.1	5,229.7	16.6	17.0	91.71	646.7	208.2	233.4	200.2	33.28	7.015	
5,400.0	5,340.1	5,385.0	5,328.1	17.0	17.4	92.27	662.7	212.9	238.8	204.8	34.06	7.013	
5,500.0	5,438.4	5,484.8	5,426.5	17.4	17.7	92.81	678.7	217.6	244.3	209.4	34.84	7.011	
5,600.0	5,536.7	5,584.6	5,525.0	17.8	18.1	93.33	694.6	222.3	249.7	214.1	35.62	7.010	
5,700.0	5,635.0	5,684.5	5,623.4	18.2	18.5	93.82	710.6	227.0	255.2	218.8	36.40	7.010	
5,800.0	5,733.3	5,784.3	5,721.8	18.6	18.9	94.29	726.6	231.7	260.6	223.5	37.18	7.011	
5,900.0	5,831.6	5,884.1	5,820.2	19.0	19.2	94.75	742.5	236.4	266.1	228.2	37.96	7.012	
6,000.0	5,929.9	5,983.9	5,918.7	19.4	19.6	95.18	758.5	241.1	271.7	232.9	38.74	7.013	
6,100.0	6,028.2	6,083.8	6,017.1	19.8	20.0	95.60	774.5	245.7	277.2	237.7	39.51	7.015	
6,200.0	6,126.9	6,183.6	6,115.5	20.2	20.4	97.88	790.4	250.4	282.6	242.4	40.22	7.026	
6,300.0	6,226.7	6,282.2	6,213.1	20.3	20.7	-105.30	804.4	255.1	287.7	247.1	40.66	7.077	
6,400.0	6,326.1	6,381.4	6,312.0	20.3	20.8	-93.93	806.3	259.6	293.2	252.5	40.74	7.198	
6,500.0	6,423.1	6,482.3	6,412.0	20.2	20.9	-94.40	794.1	264.0	299.1	258.6	40.51	7.384	
6,600.0	6,515.9	6,585.0	6,511.0	20.0	20.7	-95.62	767.5	268.3	305.2	265.2	40.00	7.631	
6,700.0	6,602.6	6,689.6	6,606.9	19.6	20.4	-96.97	726.1	272.2	311.3	272.1	39.24	7.933	
6,800.0	6,681.5	6,796.0	6,697.2	19.2	20.1	-98.26	670.1	275.6	317.2	278.9	38.32	8.279	
6,900.0	6,751.1	6,904.2	6,779.5	18.8	19.6	-99.43	600.1	278.6	322.8	285.5	37.32	8.650	
7,000.0	6,810.1	7,014.0	6,851.3	18.3	19.1	-100.44	517.2	280.9	327.7	291.4	36.35	9.015	
7,100.0	6,857.2	7,125.3	6,910.3	18.0	18.7	-101.26	423.0	282.5	331.9	296.3	35.55	9.336	
7,200.0	6,891.7	7,237.8	6,954.5	17.8	18.3	-101.88	319.7	283.3	335.0	300.0	35.02	9.566	
7,300.0	6,912.8	7,351.2	6,982.1	17.8	18.1	-102.29	209.8	283.3	337.0	302.2	34.87	9.666	
7,400.0	6,920.0	7,465.0	6,992.0	17.9	18.1	-102.48	96.5	282.4	337.9	302.7	35.15	9.611	
7,500.0	6,919.2	7,566.7	6,991.0	18.0	18.4	-102.45	-5.2	281.2	337.8	302.2	35.59	9.492	
7,600.0	6,918.3	7,666.7	6,989.9	18.5	18.9	-102.42	-105.1	280.0	337.8	301.2	36.61	9.228	
7,700.0	6,917.4	7,766.7	6,988.8	19.2	19.6	-102.38	-205.1	278.8	337.8	299.8	37.96	8.897	
7,800.0	6,916.5	7,866.7	6,987.7	20.1	20.5	-102.35	-305.1	277.5	337.7	298.1	39.63	8.521	
7,900.0	6,915.6	7,966.7	6,986.6	21.1	21.5	-102.32	-405.1	276.3	337.7	296.1	41.58	8.122	
8,000.0	6,914.7	8,066.7	6,985.5	22.2	22.6	-102.28	-505.1	275.1	337.7	293.9	43.76	7.716	
8,100.0	6,913.8	8,166.7	6,984.4	23.4	23.8	-102.25	-605.1	273.9	337.6	291.5	46.15	7.316	
8,200.0	6,912.9	8,266.7	6,983.3	24.7	25.1	-102.21	-705.1	272.7	337.6	288.9	48.71	6.930	
8,300.0	6,912.0	8,366.7	6,982.2	26.1	26.5	-102.18	-805.0	271.5	337.5	286.1	51.42	6.564	
8,400.0	6,911.1	8,466.7	6,981.1	27.6	27.9	-102.14	-905.0	270.3	337.5	283.2	54.26	6.220	
8,500.0	6,910.2	8,566.7	6,980.0	29.1	29.4	-102.11	-1,005.0	269.1	337.5	280.3	57.21	5.899	
8,600.0	6,909.3	8,666.7	6,978.9	30.6	31.0	-102.07	-1,105.0	267.8	337.4	277.2	60.25	5.601	
8,700.0	6,908.4	8,766.7	6,977.8	32.2	32.6	-102.04	-1,205.0	266.6	337.4	274.0	63.37	5.325	
8,800.0	6,907.5	8,866.7	6,976.7	33.8	34.2	-102.00	-1,305.0	265.4	337.4	270.8	66.55	5.069	
8,900.0	6,906.6	8,966.7	6,975.6	35.5	35.8	-101.97	-1,405.0	264.2	337.3	267.5	69.80	4.833	
9,000.0	6,905.7	9,066.7	6,974.5	37.1	37.5	-101.93	-1,504.9	263.0	337.3	264.2	73.10	4.614	
9,100.0	6,904.8	9,166.7	6,973.4	38.9	39.2	-101.90	-1,604.9	261.8	337.3	260.8	76.44	4.412	
9,200.0	6,903.9	9,266.7	6,972.3	40.6	40.9	-101.87	-1,704.9	260.6	337.2	257.4	79.82	4.225	
9,300.0	6,903.1	9,366.7	6,971.2	42.3	42.6	-101.83	-1,804.9	259.4	337.2	254.0	83.23	4.051	
9,400.0	6,902.2	9,466.7	6,970.1	44.1	44.4	-101.80	-1,904.9	258.1	337.2	250.5	86.68	3.890	
9,500.0	6,901.3	9,566.7	6,969.0	45.8	46.1	-101.76	-2,004.9	256.9	337.1	247.0	90.15	3.739	
9,600.0	6,900.4	9,666.7	6,967.9	47.6	47.9	-101.73	-2,104.9	255.7	337.1	243.4	93.65	3.599	
9,700.0	6,899.5	9,766.7	6,966.8	49.4	49.7	-101.69	-2,204.9	254.5	337.1	239.9	97.17	3.469	
9,800.0	6,898.6	9,866.7	6,965.7	51.2	51.5	-101.66	-2,304.8	253.3	337.0	236.3	100.71	3.347	
9,900.0	6,897.7	9,966.7	6,964.6	53.0	53.3	-101.62	-2,404.8	252.1	337.0	232.7	104.26	3.232	
10,000.0	6,896.8	10,066.7	6,963.5	54.8	55.1	-101.59	-2,504.8	250.9	336.9	229.1	107.83	3.125	
10,100.0	6,895.9	10,166.7	6,962.4	56.6	56.9	-101.55	-2,604.8	249.6	336.9	225.5	111.42	3.024	
10,200.0	6,895.0	10,266.7	6,961.3	58.5	58.7	-101.52	-2,704.8	248.4	336.9	221.9	115.02	2.929	
10,300.0	6,894.1	10,366.7	6,960.2	60.3	60.5	-101.48	-2,804.8	247.2	336.8	218.2	118.63	2.839	

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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
10,400.0	6,893.2	10,466.7	6,959.0	62.1	62.4	-101.45	-2,904.8	246.0	336.8	214.6	122.26	2.755	
10,500.0	6,892.3	10,566.7	6,957.9	64.0	64.2	-101.41	-3,004.7	244.8	336.8	210.9	125.89	2.675	
10,600.0	6,891.4	10,666.7	6,956.8	65.8	66.1	-101.38	-3,104.7	243.6	336.7	207.2	129.53	2.600	
10,700.0	6,890.5	10,766.7	6,955.7	67.7	67.9	-101.34	-3,204.7	242.4	336.7	203.5	133.18	2.528	
10,800.0	6,889.6	10,866.7	6,954.6	69.5	69.7	-101.31	-3,304.7	241.2	336.7	199.8	136.84	2.460	
10,900.0	6,888.7	10,966.7	6,953.5	71.4	71.6	-101.28	-3,404.7	239.9	336.6	196.1	140.51	2.396	
11,000.0	6,887.8	11,066.7	6,952.4	73.2	73.5	-101.24	-3,504.7	238.7	336.6	192.4	144.18	2.335	
11,100.0	6,886.9	11,166.7	6,951.3	75.1	75.3	-101.21	-3,604.7	237.5	336.6	188.7	147.86	2.276	
11,200.0	6,886.0	11,266.7	6,950.2	77.0	77.2	-101.17	-3,704.6	236.3	336.5	185.0	151.55	2.221	
11,300.0	6,885.1	11,366.7	6,949.1	78.8	79.0	-101.14	-3,804.6	235.1	336.5	181.3	155.24	2.168	
11,400.0	6,884.2	11,466.7	6,948.0	80.7	80.9	-101.10	-3,904.6	233.9	336.5	177.5	158.93	2.117	
11,500.0	6,883.3	11,566.7	6,946.9	82.6	82.8	-101.07	-4,004.6	232.7	336.4	173.8	162.64	2.069	
11,600.0	6,882.4	11,666.7	6,945.8	84.5	84.7	-101.03	-4,104.6	231.5	336.4	170.1	166.34	2.022	
11,700.0	6,881.5	11,766.7	6,944.7	86.3	86.5	-101.00	-4,204.6	230.2	336.4	166.3	170.05	1.978	
11,761.2	6,881.0	11,827.9	6,944.0	87.5	87.7	-100.98	-4,265.8	229.5	336.4	164.0	172.33	1.952 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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	-0.7	36.2	36.2					
100.0	100.0	99.0	99.0	0.1	0.1	91.15	-0.7	36.2	36.2	35.9	0.22	161.677		
200.0	200.0	199.0	199.0	0.3	0.3	91.15	-0.7	36.2	36.2	35.5	0.67	53.803		
300.0	300.0	299.0	299.0	0.6	0.6	91.15	-0.7	36.2	36.2	35.0	1.12	32.239		
400.0	400.0	399.0	399.0	0.8	0.8	91.15	-0.7	36.2	36.2	34.6	1.57	23.014		
500.0	500.0	499.0	499.0	1.0	1.0	91.15	-0.7	36.2	36.2	34.1	2.02	17.894 CC, ES		
600.0	600.0	598.3	598.3	1.2	1.2	88.93	0.7	37.1	37.1	34.6	2.47	15.034		
700.0	700.0	697.4	697.2	1.5	1.5	82.86	5.0	39.8	40.2	37.3	2.91	13.790		
800.0	800.0	796.0	795.5	1.7	1.7	74.74	12.1	44.4	46.2	42.8	3.37	13.708		
900.0	900.0	893.9	892.6	1.9	1.9	66.56	22.0	50.8	55.7	51.9	3.83	14.541		
1,000.0	1,000.0	991.0	988.6	2.1	2.2	59.57	34.6	58.8	69.0	64.7	4.30	16.061		
1,100.0	1,100.0	1,089.5	1,085.7	2.4	2.5	54.41	48.5	67.8	84.5	79.7	4.76	17.731		
1,200.0	1,200.0	1,188.1	1,182.9	2.6	2.9	50.86	62.5	76.8	100.4	95.1	5.22	19.208		
1,300.0	1,300.0	1,286.7	1,280.1	2.8	3.2	48.28	76.5	85.8	116.5	110.8	5.69	20.491		
1,400.0	1,400.0	1,385.3	1,377.2	3.0	3.6	46.33	90.5	94.8	132.9	126.7	6.15	21.607		
1,500.0	1,500.0	1,483.8	1,474.4	3.3	3.9	44.81	104.5	103.8	149.3	142.7	6.61	22.581		
1,600.0	1,600.0	1,582.6	1,571.7	3.5	4.3	46.02	118.5	112.8	164.6	157.6	7.07	23.295		
1,700.0	1,699.8	1,681.8	1,669.5	3.7	4.7	46.00	132.5	121.8	177.6	170.1	7.54	23.560		
1,800.0	1,799.5	1,781.2	1,767.4	3.9	5.0	46.76	146.6	130.9	188.2	180.1	8.02	23.473		
1,900.0	1,898.7	1,880.7	1,865.5	4.2	5.4	48.21	160.7	140.0	196.4	187.9	8.51	23.088		
2,000.0	1,997.5	1,980.2	1,963.6	4.4	5.8	50.30	174.9	149.1	202.6	193.6	9.02	22.451		
2,100.0	2,095.8	2,079.6	2,061.6	4.7	6.1	52.89	189.0	158.1	207.5	197.9	9.58	21.655		
2,200.0	2,194.1	2,179.1	2,159.6	5.0	6.5	55.41	203.1	167.2	212.8	202.6	10.17	20.919		
2,300.0	2,292.4	2,278.5	2,257.7	5.3	6.9	57.80	217.2	176.3	218.4	207.6	10.78	20.252		
2,400.0	2,390.7	2,377.9	2,355.7	5.6	7.3	60.07	231.3	185.3	224.4	213.0	11.42	19.648		
2,500.0	2,489.0	2,477.4	2,453.7	6.0	7.6	62.22	245.4	194.4	230.7	218.7	12.08	19.102		
2,600.0	2,587.4	2,576.8	2,551.7	6.3	8.0	64.25	259.5	203.5	237.4	224.6	12.76	18.609		
2,700.0	2,685.7	2,676.2	2,649.7	6.7	8.4	66.17	273.6	212.5	244.3	230.9	13.45	18.164		
2,800.0	2,784.0	2,775.6	2,747.7	7.0	8.8	67.98	287.7	221.6	251.5	237.3	14.16	17.763		
2,900.0	2,882.3	2,875.1	2,845.7	7.4	9.1	69.69	301.8	230.7	258.9	244.0	14.88	17.401		
3,000.0	2,980.6	2,974.5	2,943.7	7.7	9.5	71.30	315.9	239.7	266.6	250.9	15.61	17.075		
3,100.0	3,078.9	3,073.9	3,041.7	8.1	9.9	72.83	330.0	248.8	274.4	258.0	16.35	16.781		
3,200.0	3,177.2	3,173.4	3,139.7	8.5	10.3	74.27	344.1	257.9	282.4	265.3	17.10	16.516		
3,300.0	3,275.5	3,272.8	3,237.7	8.9	10.7	75.62	358.2	266.9	290.6	272.8	17.85	16.277		
3,400.0	3,373.8	3,372.2	3,335.8	9.2	11.0	76.91	372.3	276.0	298.9	280.3	18.61	16.061		
3,500.0	3,472.2	3,471.7	3,433.8	9.6	11.4	78.12	386.4	285.1	307.4	288.1	19.38	15.866		
3,600.0	3,570.5	3,571.1	3,531.8	10.0	11.8	79.27	400.5	294.1	316.1	295.9	20.15	15.688		
3,700.0	3,668.8	3,670.5	3,629.8	10.4	12.2	80.36	414.6	303.2	324.8	303.9	20.92	15.528		
3,800.0	3,767.1	3,770.0	3,727.8	10.8	12.6	81.39	428.7	312.3	333.6	311.9	21.69	15.382		
3,900.0	3,865.4	3,869.4	3,825.8	11.1	12.9	82.36	442.8	321.3	342.6	320.1	22.46	15.250		
4,000.0	3,963.7	3,968.8	3,923.8	11.5	13.3	83.29	456.9	330.4	351.6	328.4	23.24	15.129		
4,100.0	4,062.0	4,068.3	4,021.8	11.9	13.7	84.17	471.0	339.5	360.8	336.7	24.02	15.019		
4,200.0	4,160.3	4,167.7	4,119.8	12.3	14.1	85.01	485.1	348.5	370.0	345.2	24.80	14.919		
4,300.0	4,258.6	4,267.1	4,217.8	12.7	14.5	85.80	499.2	357.6	379.2	353.7	25.58	14.827		
4,400.0	4,357.0	4,366.6	4,315.8	13.1	14.8	86.56	513.3	366.7	388.6	362.2	26.36	14.743		
4,500.0	4,455.3	4,466.0	4,413.9	13.5	15.2	87.29	527.4	375.7	398.0	370.9	27.14	14.666		
4,600.0	4,553.6	4,565.4	4,511.9	13.9	15.6	87.97	541.5	384.8	407.5	379.6	27.92	14.596		
4,700.0	4,651.9	4,664.9	4,609.9	14.3	16.0	88.63	555.6	393.9	417.0	388.3	28.70	14.531		
4,800.0	4,750.2	4,764.3	4,707.9	14.7	16.4	89.26	569.7	402.9	426.6	397.1	29.48	14.471		
4,900.0	4,848.5	4,863.7	4,805.9	15.1	16.8	89.86	583.8	412.0	436.3	406.0	30.26	14.416		
5,000.0	4,946.8	4,963.2	4,903.9	15.5	17.1	90.44	597.9	421.1	445.9	414.9	31.04	14.366		
5,100.0	5,045.1	5,062.6	5,001.9	15.9	17.5	90.99	612.0	430.1	455.7	423.8	31.82	14.319		

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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
5,200.0	5,143.4	5,162.0	5,099.9	16.2	17.9	91.51	626.1	439.2	465.4	432.8	32.60	14.276	
5,300.0	5,241.8	5,261.5	5,197.9	16.6	18.3	92.02	640.2	448.3	475.2	441.8	33.38	14.236	
5,400.0	5,340.1	5,360.9	5,295.9	17.0	18.7	92.50	654.3	457.3	485.1	450.9	34.16	14.199	
5,500.0	5,438.4	5,460.3	5,393.9	17.4	19.0	92.97	668.4	466.4	494.9	460.0	34.94	14.165	
5,600.0	5,536.7	5,559.8	5,492.0	17.8	19.4	93.42	682.5	475.5	504.8	469.1	35.72	14.134	
5,700.0	5,635.0	5,659.2	5,590.0	18.2	19.8	93.85	696.6	484.5	514.8	478.3	36.50	14.104	
5,800.0	5,733.3	5,758.6	5,688.0	18.6	20.2	94.26	710.7	493.6	524.7	487.4	37.27	14.077	
5,900.0	5,831.6	5,858.1	5,786.0	19.0	20.6	94.66	724.8	502.7	534.7	496.6	38.05	14.052	
6,000.0	5,929.9	5,957.5	5,884.0	19.4	20.9	95.05	738.9	511.7	544.7	505.9	38.83	14.028	
6,100.0	6,028.2	6,056.9	5,982.0	19.8	21.3	95.42	753.0	520.8	554.7	515.1	39.61	14.006	
6,200.0	6,126.9	6,156.4	6,080.0	20.2	21.7	95.85	767.1	529.9	564.7	524.3	40.34	13.998	
6,300.0	6,226.7	6,255.3	6,177.5	20.3	22.1	-103.78	781.1	538.9	574.1	533.2	40.83	14.059	
6,400.0	6,326.1	6,351.7	6,272.5	20.3	22.5	-92.05	794.6	547.7	583.4	542.4	41.05	14.213	
6,500.0	6,423.1	6,448.5	6,368.8	20.2	22.7	-92.57	799.7	556.5	593.8	552.8	40.92	14.510	
6,600.0	6,515.9	6,549.6	6,469.0	20.0	22.8	-93.93	791.1	565.5	605.1	564.6	40.51	14.936	
6,700.0	6,602.6	6,655.4	6,571.6	19.6	22.7	-95.49	767.0	574.6	617.1	577.2	39.85	15.486	
6,800.0	6,681.5	6,766.6	6,674.3	19.2	22.5	-97.06	725.6	583.4	629.4	590.4	38.97	16.150	
6,900.0	6,751.1	6,883.6	6,774.1	18.8	22.1	-98.57	665.5	591.8	641.4	603.4	37.96	16.899	
7,000.0	6,810.1	7,006.6	6,867.1	18.3	21.7	-99.95	585.6	599.4	652.6	615.7	36.90	17.685	
7,100.0	6,857.2	7,135.6	6,948.5	18.0	21.1	-101.14	485.9	605.7	662.4	626.5	35.95	18.428	
7,200.0	6,891.7	7,270.0	7,013.0	17.8	20.5	-102.09	368.3	610.2	670.2	634.9	35.25	19.012	
7,300.0	6,912.8	7,408.8	7,055.5	17.8	19.9	-102.74	236.4	612.6	675.3	640.4	34.97	19.313	
7,400.0	6,920.0	7,550.2	7,071.9	17.9	19.4	-103.04	96.2	612.6	677.5	642.3	35.20	19.245	
7,500.0	6,919.2	7,656.6	7,071.0	18.0	18.9	-103.04	-10.2	611.3	677.5	642.0	35.48	19.096	
7,600.0	6,918.3	7,756.6	7,069.8	18.5	19.0	-103.01	-110.2	610.1	677.4	641.1	36.36	18.631	
7,700.0	6,917.4	7,856.6	7,068.6	19.2	19.9	-102.99	-210.2	608.9	677.4	639.7	37.67	17.981	
7,800.0	6,916.5	7,956.6	7,067.4	20.1	20.9	-102.96	-310.2	607.7	677.3	638.0	39.30	17.235	
7,900.0	6,915.6	8,056.6	7,066.2	21.1	22.0	-102.94	-410.2	606.4	677.2	636.0	41.21	16.435	
8,000.0	6,914.7	8,156.6	7,065.0	22.2	23.1	-102.91	-510.1	605.2	677.2	633.8	43.36	15.619	
8,100.0	6,913.8	8,256.6	7,063.8	23.4	24.4	-102.89	-610.1	604.0	677.1	631.4	45.72	14.811	
8,200.0	6,912.9	8,356.6	7,062.6	24.7	25.7	-102.86	-710.1	602.8	677.1	628.8	48.25	14.031	
8,300.0	6,912.0	8,456.6	7,061.4	26.1	27.0	-102.84	-810.1	601.6	677.0	626.1	50.94	13.290	
8,400.0	6,911.1	8,556.6	7,060.2	27.6	28.5	-102.81	-910.1	600.3	676.9	623.2	53.76	12.592	
8,500.0	6,910.2	8,656.6	7,059.0	29.1	30.0	-102.79	-1,010.1	599.1	676.9	620.2	56.69	11.941	
8,600.0	6,909.3	8,756.6	7,057.8	30.6	31.5	-102.76	-1,110.0	597.9	676.8	617.1	59.71	11.335	
8,700.0	6,908.4	8,856.6	7,056.7	32.2	33.0	-102.74	-1,210.0	596.7	676.7	613.9	62.81	10.775	
8,800.0	6,907.5	8,956.6	7,055.5	33.8	34.6	-102.71	-1,310.0	595.5	676.7	610.7	65.98	10.256	
8,900.0	6,906.6	9,056.6	7,054.3	35.5	36.2	-102.69	-1,410.0	594.3	676.6	607.4	69.21	9.776	
9,000.0	6,905.7	9,156.6	7,053.1	37.1	37.9	-102.67	-1,510.0	593.0	676.5	604.1	72.49	9.333	
9,100.0	6,904.8	9,256.6	7,051.9	38.9	39.6	-102.64	-1,610.0	591.8	676.5	600.7	75.82	8.922	
9,200.0	6,903.9	9,356.6	7,050.7	40.6	41.3	-102.62	-1,710.0	590.6	676.4	597.2	79.18	8.542	
9,300.0	6,903.1	9,456.6	7,049.5	42.3	43.0	-102.59	-1,809.9	589.4	676.4	593.8	82.59	8.190	
9,400.0	6,902.2	9,556.6	7,048.3	44.1	44.7	-102.57	-1,909.9	588.2	676.3	590.3	86.02	7.862	
9,500.0	6,901.3	9,656.6	7,047.1	45.8	46.4	-102.54	-2,009.9	586.9	676.2	586.8	89.48	7.557	
9,600.0	6,900.4	9,756.6	7,045.9	47.6	48.2	-102.52	-2,109.9	585.7	676.2	583.2	92.96	7.274	
9,700.0	6,899.5	9,856.6	7,044.7	49.4	49.9	-102.49	-2,209.9	584.5	676.1	579.6	96.47	7.009	
9,800.0	6,898.6	9,956.6	7,043.5	51.2	51.7	-102.47	-2,309.9	583.3	676.0	576.1	99.99	6.761	
9,900.0	6,897.7	10,056.6	7,042.3	53.0	53.5	-102.44	-2,409.9	582.1	676.0	572.4	103.54	6.529	
10,000.0	6,896.8	10,156.6	7,041.1	54.8	55.3	-102.42	-2,509.8	580.9	675.9	568.8	107.10	6.311	
10,100.0	6,895.9	10,256.6	7,039.9	56.6	57.1	-102.39	-2,609.8	579.6	675.9	565.2	110.67	6.107	
10,200.0	6,895.0	10,356.6	7,038.7	58.5	58.9	-102.37	-2,709.8	578.4	675.8	561.5	114.26	5.915	
10,300.0	6,894.1	10,456.6	7,037.5	60.3	60.7	-102.34	-2,809.8	577.2	675.7	557.9	117.85	5.734	

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 K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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									
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	6,893.2	10,556.6	7,036.3	62.1	62.5	-102.32	-2,909.8	576.0	675.7	554.2	121.46	5.563	
10,500.0	6,892.3	10,656.6	7,035.1	64.0	64.4	-102.29	-3,009.8	574.8	675.6	550.5	125.08	5.401	
10,600.0	6,891.4	10,756.6	7,034.0	65.8	66.2	-102.27	-3,109.7	573.5	675.6	546.8	128.71	5.249	
10,700.0	6,890.5	10,856.6	7,032.8	67.7	68.0	-102.24	-3,209.7	572.3	675.5	543.1	132.35	5.104	
10,800.0	6,889.6	10,956.6	7,031.6	69.5	69.9	-102.22	-3,309.7	571.1	675.4	539.4	135.99	4.967	
10,900.0	6,888.7	11,056.6	7,030.4	71.4	71.7	-102.19	-3,409.7	569.9	675.4	535.7	139.65	4.836	
11,000.0	6,887.8	11,156.6	7,029.2	73.2	73.6	-102.17	-3,509.7	568.7	675.3	532.0	143.31	4.712	
11,100.0	6,886.9	11,256.6	7,028.0	75.1	75.4	-102.15	-3,609.7	567.5	675.2	528.3	146.97	4.594	
11,200.0	6,886.0	11,356.6	7,026.8	77.0	77.3	-102.12	-3,709.7	566.2	675.2	524.5	150.64	4.482	
11,300.0	6,885.1	11,456.6	7,025.6	78.8	79.1	-102.10	-3,809.6	565.0	675.1	520.8	154.32	4.375	
11,400.0	6,884.2	11,556.6	7,024.4	80.7	81.0	-102.07	-3,909.6	563.8	675.1	517.1	158.00	4.272	
11,500.0	6,883.3	11,656.6	7,023.2	82.6	82.9	-102.05	-4,009.6	562.6	675.0	513.3	161.69	4.175	
11,600.0	6,882.4	11,756.6	7,022.0	84.5	84.7	-102.02	-4,109.6	561.4	674.9	509.6	165.38	4.081	
11,700.0	6,881.5	11,856.6	7,020.8	86.3	86.6	-102.00	-4,209.6	560.1	674.9	505.8	169.08	3.992	
11,761.2	6,881.0	11,917.8	7,020.1	87.5	87.7	-101.98	-4,270.8	559.4	674.9	503.5	171.34	3.939 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Reference Site:	Holton 12-C Pad Sec.12-T6N-R65W	MD Reference:	WELL @ 4737.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Holton K-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 @ 4737.5ft (RKB - 22.5')

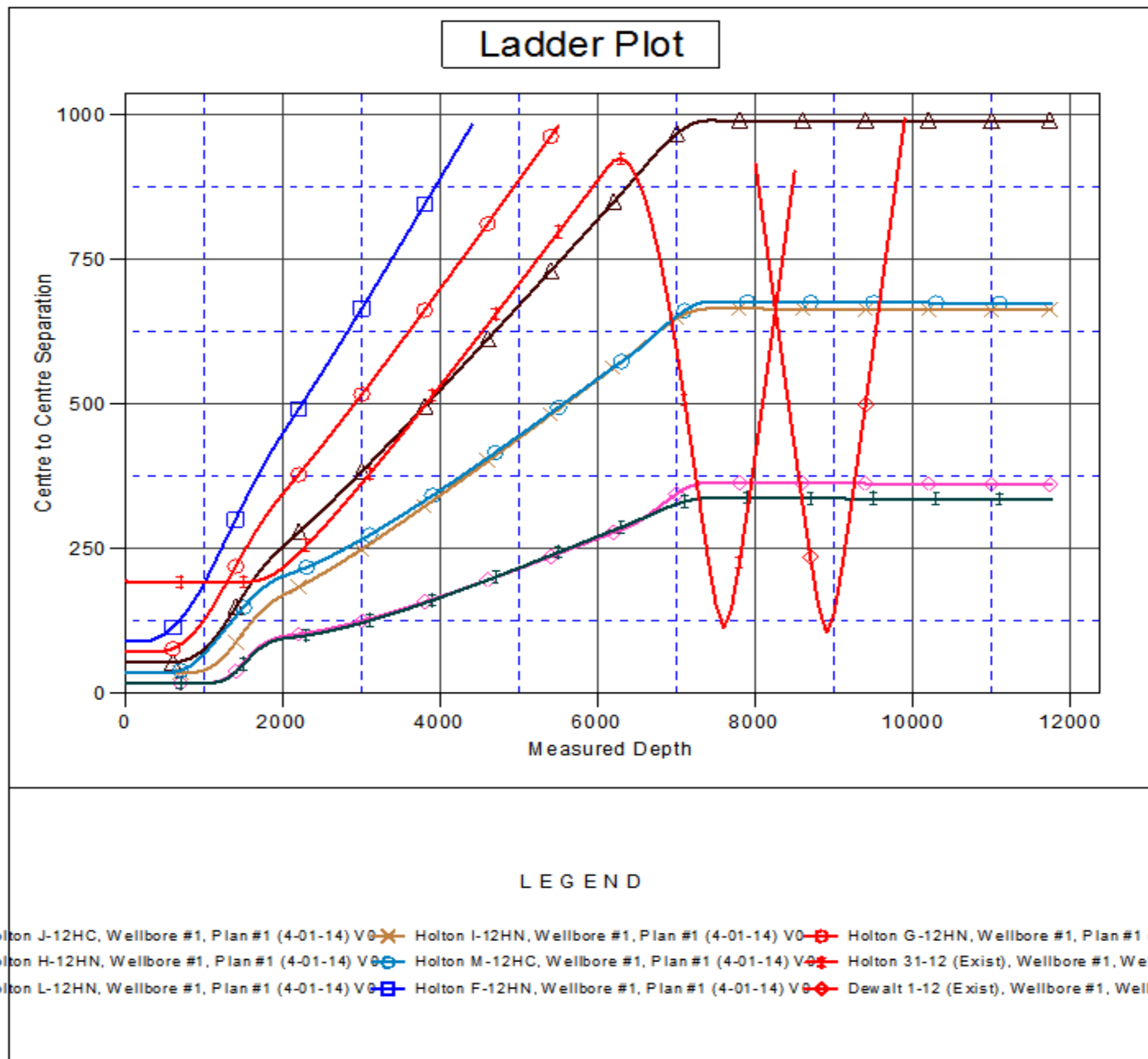
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: Holton K-12HN

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.58°



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Holton K-12HN
Project:	SEC.12-T6N-R65W	TVD Reference:	WELL @ 4737.5ft (RKB - 22.5')
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