Bayswater Exploration & Production, LLC

Well Name: **Booth P-8-7HN**

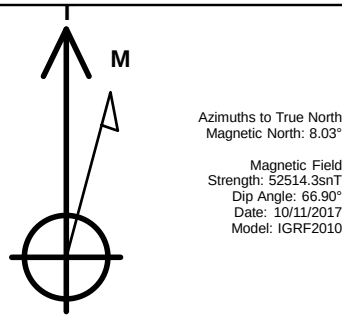
Surface Location: Booth 8-L Pad Sec.8-T6N-R66W
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4808.0

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	1425428.18	3196521.37	40.499052	-104.793344	

RKB - 23' WELL @ 4831.0ft (RKB - 23')

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1336'FSL, 249'FEL, SEC.8	1.0	0.0	0.0	Point
BHL 1814'FSL, 2170'FEL, SEC.7	7116.0	233.9	-7241.2	Point
LPL 1820'FSL, 1000'FEL, SEC.9	7164.0	507.5	1244.3	Point



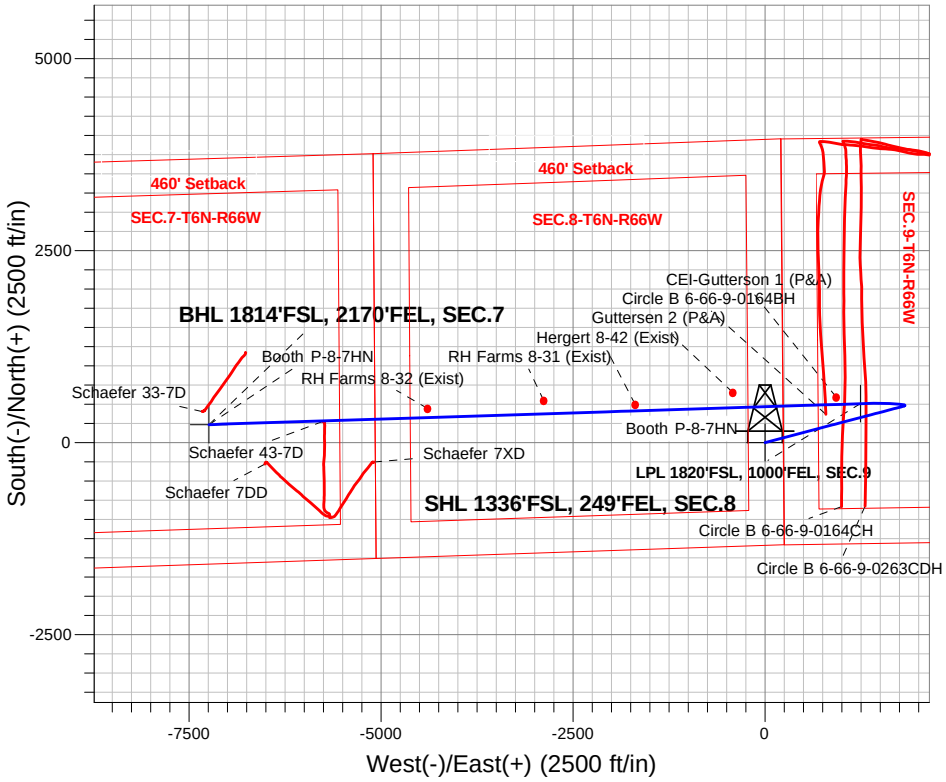
Azimuths to True North
Magnetic North: 8.03°

Magnetic Field
Strength: 52514.3snT
Dip Angle: 66.90°
Date: 10/11/2017
Model: IGRF2010

Booth 8-L Pad Sec.8-T6N-R66W
Booth P-8-7HN
Plan #2 (10-05-17)
9:43, October 10 2017

ANNOTATIONS

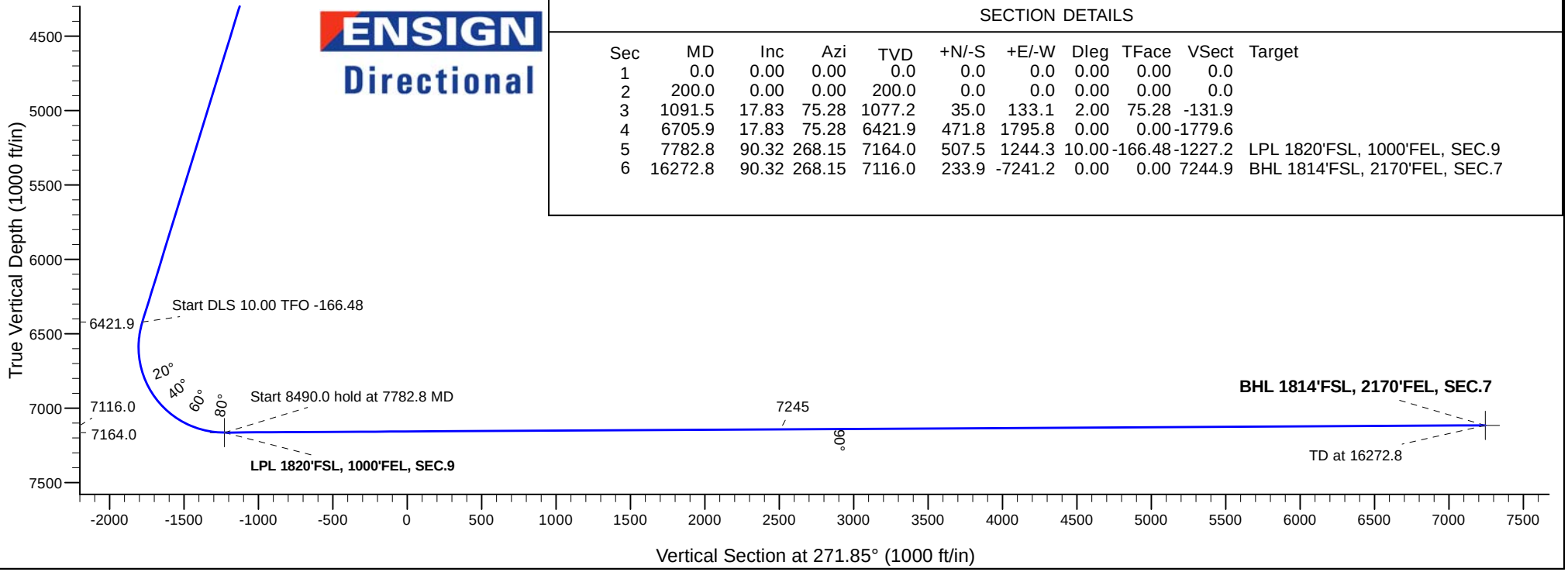
TVD	MD	Annotation
200.0	200.0	KOP - Start Build 2.00
1077.2	1091.5	Start 5614.4 hold at 1091.5 MD
6421.9	6705.9	Start DLS 10.00 TFO -166.48
7164.0	7782.8	Start 8490.0 hold at 7782.8 MD
7116.0	16272.8	TD at 16272.8



ENSIGN Directional

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	1091.5	17.83	75.28	1077.2	35.0	133.1	2.00	75.28	-131.9	
4	6705.9	17.83	75.28	6421.9	471.8	1795.8	0.00	0.00	-1779.6	
5	7782.8	90.32	268.15	7164.0	507.5	1244.3	10.00	-166.48	-1227.2	LPL 1820'FSL, 1000'FEL, SEC.9
6	16272.8	90.32	268.15	7116.0	233.9	-7241.2	0.00	0.00	7244.9	BHL 1814'FSL, 2170'FEL, SEC.7



ENSIGN Directional

Bayswater Exploration & Production, LLC

SEC.8-T6N-R66W
Booth 8-L Pad Sec.8-T6N-R66W
Booth P-8-7HN

Wellbore #1

Plan: Plan #2 (10-05-17)

Standard Planning Report

10 October, 2017

BAYSWATER EXPLORATION & PRODUCTION, LLC

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Company:	Bayswater Exploration & Production, LLC	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Project:	SEC.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-05-17)		

Project SEC.8-T6N-R66W, 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 Booth 8-L Pad Sec.8-T6N-R66W

Site Position:		**Northing:**	1,425,653.29 usft	**Latitude:**	40.499670
From:	Lat/Long	**Easting:**	3,196,515.96 usft	**Longitude:**	-104.793357
Position Uncertainty:	0.0 ft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.46 °

Well Booth P-8-7HN

Well Position	**+N/-S**	-225.2 ft	**Northing:**	1,425,428.18 usft	**Latitude:**	40.499052
	+E/-W	3.6 ft	**Easting:**	3,196,521.37 usft	**Longitude:**	-104.793344
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	0.0 ft	**Ground Level:**	4,808.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/11/2017	8.03	66.90	52,514

Design Plan #2 (10-05-17)

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	271.85

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,091.5	17.83	75.28	1,077.2	35.0	133.1	2.00	2.00	0.00	75.28	
6,705.9	17.83	75.28	6,421.9	471.8	1,795.8	0.00	0.00	0.00	0.00	
7,782.8	90.32	268.15	7,164.0	507.5	1,244.3	10.00	6.73	-15.52	-166.48	LPL 1820'FSL, 1000'F
16,272.8	90.32	268.15	7,116.0	233.9	-7,241.2	0.00	0.00	0.00	0.00	BHL 1814'FSL, 2170'I

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Company:	Bayswater Exploration & Production, LLC	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Project:	SEC.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-05-17)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
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 1336'FSL, 249'FEL, SEC.8									
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
KOP - Start Build 2.00									
300.0	2.00	75.28	300.0	0.4	1.7	-1.7	2.00	2.00	0.00
400.0	4.00	75.28	399.8	1.8	6.7	-6.7	2.00	2.00	0.00
500.0	6.00	75.28	499.5	4.0	15.2	-15.0	2.00	2.00	0.00
600.0	8.00	75.28	598.7	7.1	27.0	-26.7	2.00	2.00	0.00
700.0	10.00	75.28	697.5	11.1	42.1	-41.7	2.00	2.00	0.00
800.0	12.00	75.28	795.6	15.9	60.5	-60.0	2.00	2.00	0.00
900.0	14.00	75.28	893.1	21.6	82.3	-81.6	2.00	2.00	0.00
1,000.0	16.00	75.28	989.6	28.2	107.3	-106.4	2.00	2.00	0.00
1,091.5	17.83	75.28	1,077.2	35.0	133.1	-131.9	2.00	2.00	0.00
Start 5614.4 hold at 1091.5 MD									
1,100.0	17.83	75.28	1,085.3	35.6	135.6	-134.4	0.00	0.00	0.00
1,200.0	17.83	75.28	1,180.5	43.4	165.2	-163.7	0.00	0.00	0.00
1,300.0	17.83	75.28	1,275.7	51.2	194.8	-193.1	0.00	0.00	0.00
1,400.0	17.83	75.28	1,370.9	59.0	224.4	-222.4	0.00	0.00	0.00
1,500.0	17.83	75.28	1,466.1	66.7	254.1	-251.8	0.00	0.00	0.00
1,600.0	17.83	75.28	1,561.3	74.5	283.7	-281.1	0.00	0.00	0.00
1,700.0	17.83	75.28	1,656.5	82.3	313.3	-310.5	0.00	0.00	0.00
1,800.0	17.83	75.28	1,751.7	90.1	342.9	-339.8	0.00	0.00	0.00
1,900.0	17.83	75.28	1,846.8	97.9	372.5	-369.2	0.00	0.00	0.00
2,000.0	17.83	75.28	1,942.0	105.7	402.1	-398.5	0.00	0.00	0.00
2,100.0	17.83	75.28	2,037.2	113.4	431.7	-427.9	0.00	0.00	0.00
2,200.0	17.83	75.28	2,132.4	121.2	461.4	-457.2	0.00	0.00	0.00
2,300.0	17.83	75.28	2,227.6	129.0	491.0	-486.6	0.00	0.00	0.00
2,400.0	17.83	75.28	2,322.8	136.8	520.6	-515.9	0.00	0.00	0.00
2,500.0	17.83	75.28	2,418.0	144.6	550.2	-545.2	0.00	0.00	0.00
2,600.0	17.83	75.28	2,513.2	152.3	579.8	-574.6	0.00	0.00	0.00
2,700.0	17.83	75.28	2,608.4	160.1	609.4	-603.9	0.00	0.00	0.00
2,800.0	17.83	75.28	2,703.6	167.9	639.0	-633.3	0.00	0.00	0.00
2,900.0	17.83	75.28	2,798.8	175.7	668.7	-662.6	0.00	0.00	0.00
3,000.0	17.83	75.28	2,894.0	183.5	698.3	-692.0	0.00	0.00	0.00
3,100.0	17.83	75.28	2,989.2	191.2	727.9	-721.3	0.00	0.00	0.00
3,200.0	17.83	75.28	3,084.4	199.0	757.5	-750.7	0.00	0.00	0.00
3,300.0	17.83	75.28	3,179.6	206.8	787.1	-780.0	0.00	0.00	0.00
3,400.0	17.83	75.28	3,274.8	214.6	816.7	-809.4	0.00	0.00	0.00
3,500.0	17.83	75.28	3,370.0	222.4	846.3	-838.7	0.00	0.00	0.00
3,600.0	17.83	75.28	3,465.2	230.1	876.0	-868.1	0.00	0.00	0.00
3,700.0	17.83	75.28	3,560.4	237.9	905.6	-897.4	0.00	0.00	0.00
3,800.0	17.83	75.28	3,655.6	245.7	935.2	-926.8	0.00	0.00	0.00
3,900.0	17.83	75.28	3,750.8	253.5	964.8	-956.1	0.00	0.00	0.00
4,000.0	17.83	75.28	3,846.0	261.3	994.4	-985.5	0.00	0.00	0.00
4,100.0	17.83	75.28	3,941.2	269.0	1,024.0	-1,014.8	0.00	0.00	0.00
4,200.0	17.83	75.28	4,036.4	276.8	1,053.6	-1,044.2	0.00	0.00	0.00
4,300.0	17.83	75.28	4,131.6	284.6	1,083.3	-1,073.5	0.00	0.00	0.00
4,400.0	17.83	75.28	4,226.8	292.4	1,112.9	-1,102.9	0.00	0.00	0.00
4,500.0	17.83	75.28	4,322.0	300.2	1,142.5	-1,132.2	0.00	0.00	0.00
4,600.0	17.83	75.28	4,417.2	307.9	1,172.1	-1,161.6	0.00	0.00	0.00
4,700.0	17.83	75.28	4,512.4	315.7	1,201.7	-1,190.9	0.00	0.00	0.00

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Project:	SEC.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-05-17)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,800.0	17.83	75.28	4,607.6	323.5	1,231.3	-1,220.2	0.00	0.00	0.00
4,900.0	17.83	75.28	4,702.8	331.3	1,260.9	-1,249.6	0.00	0.00	0.00
5,000.0	17.83	75.28	4,798.0	339.1	1,290.6	-1,278.9	0.00	0.00	0.00
5,100.0	17.83	75.28	4,893.1	346.8	1,320.2	-1,308.3	0.00	0.00	0.00
5,200.0	17.83	75.28	4,988.3	354.6	1,349.8	-1,337.6	0.00	0.00	0.00
5,300.0	17.83	75.28	5,083.5	362.4	1,379.4	-1,367.0	0.00	0.00	0.00
5,400.0	17.83	75.28	5,178.7	370.2	1,409.0	-1,396.3	0.00	0.00	0.00
5,500.0	17.83	75.28	5,273.9	378.0	1,438.6	-1,425.7	0.00	0.00	0.00
5,600.0	17.83	75.28	5,369.1	385.8	1,468.2	-1,455.0	0.00	0.00	0.00
5,700.0	17.83	75.28	5,464.3	393.5	1,497.9	-1,484.4	0.00	0.00	0.00
5,800.0	17.83	75.28	5,559.5	401.3	1,527.5	-1,513.7	0.00	0.00	0.00
5,900.0	17.83	75.28	5,654.7	409.1	1,557.1	-1,543.1	0.00	0.00	0.00
6,000.0	17.83	75.28	5,749.9	416.9	1,586.7	-1,572.4	0.00	0.00	0.00
6,100.0	17.83	75.28	5,845.1	424.7	1,616.3	-1,601.8	0.00	0.00	0.00
6,200.0	17.83	75.28	5,940.3	432.4	1,645.9	-1,631.1	0.00	0.00	0.00
6,300.0	17.83	75.28	6,035.5	440.2	1,675.5	-1,660.5	0.00	0.00	0.00
6,400.0	17.83	75.28	6,130.7	448.0	1,705.2	-1,689.8	0.00	0.00	0.00
6,500.0	17.83	75.28	6,225.9	455.8	1,734.8	-1,719.2	0.00	0.00	0.00
6,600.0	17.83	75.28	6,321.1	463.6	1,764.4	-1,748.5	0.00	0.00	0.00
6,700.0	17.83	75.28	6,416.3	471.3	1,794.0	-1,777.9	0.00	0.00	0.00
6,705.9	17.83	75.28	6,421.9	471.8	1,795.8	-1,779.6	0.00	0.00	0.00
Start DLS 10.00 TFO -166.48									
6,800.0	8.95	61.06	6,513.4	479.0	1,816.1	-1,799.7	10.00	-9.44	-15.12
6,900.0	4.58	331.72	6,612.9	486.3	1,821.1	-1,804.4	10.00	-4.37	-89.34
7,000.0	12.71	286.73	6,711.7	493.0	1,808.6	-1,791.7	10.00	8.13	-44.99
7,100.0	22.40	278.21	6,807.0	498.9	1,779.1	-1,762.1	10.00	9.69	-8.53
7,200.0	32.27	274.70	6,895.7	503.8	1,733.5	-1,716.4	10.00	9.87	-3.50
7,300.0	42.20	272.72	6,975.2	507.6	1,673.2	-1,656.0	10.00	9.93	-1.99
7,400.0	52.16	271.37	7,043.1	510.2	1,600.0	-1,582.7	10.00	9.95	-1.34
7,500.0	62.12	270.35	7,097.3	511.4	1,516.1	-1,498.8	10.00	9.96	-1.02
7,600.0	72.09	269.51	7,136.2	511.3	1,424.1	-1,406.9	10.00	9.97	-0.85
7,700.0	82.06	268.75	7,158.5	509.8	1,326.8	-1,309.7	10.00	9.97	-0.76
7,782.8	90.32	268.15	7,164.0	507.5	1,244.3	-1,227.2	10.00	9.97	-0.72
Start 8490.0 hold at 7782.8 MD - LPL 1820'FSL, 1000'FEL, SEC.9									
7,800.0	90.32	268.15	7,163.9	507.0	1,227.1	-1,210.1	0.00	0.00	0.00
7,900.0	90.32	268.15	7,163.3	503.8	1,127.2	-1,110.3	0.00	0.00	0.00
8,000.0	90.32	268.15	7,162.8	500.5	1,027.2	-1,010.5	0.00	0.00	0.00
8,100.0	90.32	268.15	7,162.2	497.3	927.3	-910.7	0.00	0.00	0.00
8,200.0	90.32	268.15	7,161.6	494.1	827.3	-810.9	0.00	0.00	0.00
8,300.0	90.32	268.15	7,161.1	490.9	727.4	-711.1	0.00	0.00	0.00
8,400.0	90.32	268.15	7,160.5	487.6	627.4	-611.4	0.00	0.00	0.00
8,500.0	90.32	268.15	7,159.9	484.4	527.5	-511.6	0.00	0.00	0.00
8,600.0	90.32	268.15	7,159.4	481.2	427.5	-411.8	0.00	0.00	0.00
8,700.0	90.32	268.15	7,158.8	478.0	327.6	-312.0	0.00	0.00	0.00
8,800.0	90.32	268.15	7,158.2	474.7	227.6	-212.2	0.00	0.00	0.00
8,900.0	90.32	268.15	7,157.7	471.5	127.7	-112.4	0.00	0.00	0.00
9,000.0	90.32	268.15	7,157.1	468.3	27.7	-12.6	0.00	0.00	0.00
9,100.0	90.32	268.15	7,156.6	465.1	-72.2	87.2	0.00	0.00	0.00
9,200.0	90.32	268.15	7,156.0	461.9	-172.1	187.0	0.00	0.00	0.00
9,300.0	90.32	268.15	7,155.4	458.6	-272.1	286.8	0.00	0.00	0.00
9,400.0	90.32	268.15	7,154.9	455.4	-372.0	386.5	0.00	0.00	0.00
9,500.0	90.32	268.15	7,154.3	452.2	-472.0	486.3	0.00	0.00	0.00
9,600.0	90.32	268.15	7,153.7	449.0	-571.9	586.1	0.00	0.00	0.00
9,700.0	90.32	268.15	7,153.2	445.7	-671.9	685.9	0.00	0.00	0.00

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Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-05-17)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,800.0	90.32	268.15	7,152.6	442.5	-771.8	785.7	0.00	0.00	0.00
9,900.0	90.32	268.15	7,152.0	439.3	-871.8	885.5	0.00	0.00	0.00
10,000.0	90.32	268.15	7,151.5	436.1	-971.7	985.3	0.00	0.00	0.00
10,100.0	90.32	268.15	7,150.9	432.8	-1,071.7	1,085.1	0.00	0.00	0.00
10,200.0	90.32	268.15	7,150.3	429.6	-1,171.6	1,184.9	0.00	0.00	0.00
10,300.0	90.32	268.15	7,149.8	426.4	-1,271.6	1,284.7	0.00	0.00	0.00
10,400.0	90.32	268.15	7,149.2	423.2	-1,371.5	1,384.4	0.00	0.00	0.00
10,500.0	90.32	268.15	7,148.6	420.0	-1,471.4	1,484.2	0.00	0.00	0.00
10,600.0	90.32	268.15	7,148.1	416.7	-1,571.4	1,584.0	0.00	0.00	0.00
10,700.0	90.32	268.15	7,147.5	413.5	-1,671.3	1,683.8	0.00	0.00	0.00
10,800.0	90.32	268.15	7,146.9	410.3	-1,771.3	1,783.6	0.00	0.00	0.00
10,900.0	90.32	268.15	7,146.4	407.1	-1,871.2	1,883.4	0.00	0.00	0.00
11,000.0	90.32	268.15	7,145.8	403.8	-1,971.2	1,983.2	0.00	0.00	0.00
11,100.0	90.32	268.15	7,145.2	400.6	-2,071.1	2,083.0	0.00	0.00	0.00
11,200.0	90.32	268.15	7,144.7	397.4	-2,171.1	2,182.8	0.00	0.00	0.00
11,300.0	90.32	268.15	7,144.1	394.2	-2,271.0	2,282.6	0.00	0.00	0.00
11,400.0	90.32	268.15	7,143.5	390.9	-2,371.0	2,382.4	0.00	0.00	0.00
11,500.0	90.32	268.15	7,143.0	387.7	-2,470.9	2,482.1	0.00	0.00	0.00
11,600.0	90.32	268.15	7,142.4	384.5	-2,570.9	2,581.9	0.00	0.00	0.00
11,700.0	90.32	268.15	7,141.9	381.3	-2,670.8	2,681.7	0.00	0.00	0.00
11,800.0	90.32	268.15	7,141.3	378.0	-2,770.8	2,781.5	0.00	0.00	0.00
11,900.0	90.32	268.15	7,140.7	374.8	-2,870.7	2,881.3	0.00	0.00	0.00
12,000.0	90.32	268.15	7,140.2	371.6	-2,970.6	2,981.1	0.00	0.00	0.00
12,100.0	90.32	268.15	7,139.6	368.4	-3,070.6	3,080.9	0.00	0.00	0.00
12,200.0	90.32	268.15	7,139.0	365.2	-3,170.5	3,180.7	0.00	0.00	0.00
12,300.0	90.32	268.15	7,138.5	361.9	-3,270.5	3,280.5	0.00	0.00	0.00
12,400.0	90.32	268.15	7,137.9	358.7	-3,370.4	3,380.3	0.00	0.00	0.00
12,500.0	90.32	268.15	7,137.3	355.5	-3,470.4	3,480.0	0.00	0.00	0.00
12,600.0	90.32	268.15	7,136.8	352.3	-3,570.3	3,579.8	0.00	0.00	0.00
12,700.0	90.32	268.15	7,136.2	349.0	-3,670.3	3,679.6	0.00	0.00	0.00
12,800.0	90.32	268.15	7,135.6	345.8	-3,770.2	3,779.4	0.00	0.00	0.00
12,900.0	90.32	268.15	7,135.1	342.6	-3,870.2	3,879.2	0.00	0.00	0.00
13,000.0	90.32	268.15	7,134.5	339.4	-3,970.1	3,979.0	0.00	0.00	0.00
13,100.0	90.32	268.15	7,133.9	336.1	-4,070.1	4,078.8	0.00	0.00	0.00
13,200.0	90.32	268.15	7,133.4	332.9	-4,170.0	4,178.6	0.00	0.00	0.00
13,300.0	90.32	268.15	7,132.8	329.7	-4,269.9	4,278.4	0.00	0.00	0.00
13,400.0	90.32	268.15	7,132.2	326.5	-4,369.9	4,378.2	0.00	0.00	0.00
13,500.0	90.32	268.15	7,131.7	323.2	-4,469.8	4,477.9	0.00	0.00	0.00
13,600.0	90.32	268.15	7,131.1	320.0	-4,569.8	4,577.7	0.00	0.00	0.00
13,700.0	90.32	268.15	7,130.5	316.8	-4,669.7	4,677.5	0.00	0.00	0.00
13,800.0	90.32	268.15	7,130.0	313.6	-4,769.7	4,777.3	0.00	0.00	0.00
13,900.0	90.32	268.15	7,129.4	310.4	-4,869.6	4,877.1	0.00	0.00	0.00
14,000.0	90.32	268.15	7,128.8	307.1	-4,969.6	4,976.9	0.00	0.00	0.00
14,100.0	90.32	268.15	7,128.3	303.9	-5,069.5	5,076.7	0.00	0.00	0.00
14,200.0	90.32	268.15	7,127.7	300.7	-5,169.5	5,176.5	0.00	0.00	0.00
14,300.0	90.32	268.15	7,127.2	297.5	-5,269.4	5,276.3	0.00	0.00	0.00
14,400.0	90.32	268.15	7,126.6	294.2	-5,369.4	5,376.1	0.00	0.00	0.00
14,500.0	90.32	268.15	7,126.0	291.0	-5,469.3	5,475.9	0.00	0.00	0.00
14,600.0	90.32	268.15	7,125.5	287.8	-5,569.3	5,575.6	0.00	0.00	0.00
14,700.0	90.32	268.15	7,124.9	284.6	-5,669.2	5,675.4	0.00	0.00	0.00
14,800.0	90.32	268.15	7,124.3	281.3	-5,769.1	5,775.2	0.00	0.00	0.00
14,900.0	90.32	268.15	7,123.8	278.1	-5,869.1	5,875.0	0.00	0.00	0.00
15,000.0	90.32	268.15	7,123.2	274.9	-5,969.0	5,974.8	0.00	0.00	0.00
15,100.0	90.32	268.15	7,122.6	271.7	-6,069.0	6,074.6	0.00	0.00	0.00

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Company:	Bayswater Exploration & Production, LLC	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Project:	SEC.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-05-17)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,200.0	90.32	268.15	7,122.1	268.5	-6,168.9	6,174.4	0.00	0.00	0.00
15,300.0	90.32	268.15	7,121.5	265.2	-6,268.9	6,274.2	0.00	0.00	0.00
15,400.0	90.32	268.15	7,120.9	262.0	-6,368.8	6,374.0	0.00	0.00	0.00
15,500.0	90.32	268.15	7,120.4	258.8	-6,468.8	6,473.8	0.00	0.00	0.00
15,600.0	90.32	268.15	7,119.8	255.6	-6,568.7	6,573.5	0.00	0.00	0.00
15,700.0	90.32	268.15	7,119.2	252.3	-6,668.7	6,673.3	0.00	0.00	0.00
15,800.0	90.32	268.15	7,118.7	249.1	-6,768.6	6,773.1	0.00	0.00	0.00
15,900.0	90.32	268.15	7,118.1	245.9	-6,868.6	6,872.9	0.00	0.00	0.00
16,000.0	90.32	268.15	7,117.5	242.7	-6,968.5	6,972.7	0.00	0.00	0.00
16,100.0	90.32	268.15	7,117.0	239.4	-7,068.4	7,072.5	0.00	0.00	0.00
16,200.0	90.32	268.15	7,116.4	236.2	-7,168.4	7,172.3	0.00	0.00	0.00
16,272.8	90.32	268.15	7,116.0	233.9	-7,241.2	7,244.9	0.00	0.00	0.00
TD at 16272.8 - BHL 1814'FSL, 2170'FEL, SEC.7									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL 1336'FSL, 249'FEL - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,425,428.19	3,196,521.37	40.499052	-104.793344
BHL 1814'FSL, 2170'FE - plan hits target center - Point	0.00	0.00	7,116.0	233.9	-7,241.2	1,425,604.33	3,189,278.83	40.499691	-104.819381
LPL 1820'FSL, 1000'FEl - plan hits target center - Point	0.00	0.00	7,164.0	507.5	1,244.3	1,425,945.60	3,197,761.50	40.500445	-104.788870

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
200.0	200.0	0.0	0.0	KOP - Start Build 2.00
1,091.5	1,077.2	35.0	133.1	Start 5614.4 hold at 1091.5 MD
6,705.9	6,421.9	471.8	1,795.8	Start DLS 10.00 TFO -166.48
7,782.8	7,164.0	507.5	1,244.3	Start 8490.0 hold at 7782.8 MD
16,272.8	7,116.0	233.9	-7,241.2	TD at 16272.8

ENSIGN
Directional

Bayswater Exploration & Production, LLC

SEC.8-T6N-R66W
Booth 8-L Pad Sec.8-T6N-R66W
Booth P-8-7HN

Wellbore #1
Plan #2 (10-05-17)

Anticollision Report

10 October, 2017

BAYSWATER
EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Reference	Plan #2 (10-05-17)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 800.0 ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 10/10/2017

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	16,272.8	Plan #2 (10-05-17) (Wellbore #1)	MWD	MWD - Standard

Summary

Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Booth 8-L Pad Sec.8-T6N-R66W						
Booth M-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	45.2	44.5	67.014	CC
Booth M-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	300.0	299.3	45.6	44.5	41.032	ES
Booth M-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	16,272.8	16,349.4	659.8	173.1	1.356	Level 3, SF
Booth N-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	401.7	401.6	29.4	27.8	18.665	CC
Booth N-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	16,272.8	16,417.9	504.0	25.6	1.053	Level 2, ES, SF
Booth O-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	344.0	344.0	14.9	13.6	11.312	CC
Booth O-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	16,272.8	16,254.0	337.2	-141.8	0.704	Level 1, ES, SF
Booth Q-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	14.9	14.3	22.156	CC
Booth Q-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	16,272.8	16,351.0	186.5	-250.6	0.427	Level 1, ES, SF
Booth R-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	29.9	29.2	44.312	CC
Booth R-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	16,272.8	16,191.8	338.2	-138.1	0.710	Level 1, ES, SF
Booth S-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	44.8	44.1	66.468	CC, ES
Booth S-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	9,100.0	9,068.9	661.4	551.3	6.006	SF
Booth T-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	60.1	59.4	89.164	CC
Booth T-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	300.0	300.0	60.6	59.4	54.173	ES
Booth T-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	6,750.0	6,748.7	734.5	656.6	9.437	SF
Booth U-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	75.1	74.4	111.319	CC
Booth U-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	300.0	300.0	75.5	74.4	67.536	ES
Booth U-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	6,100.0	6,073.3	797.3	727.2	11.374	SF
Booth V-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	90.0	89.3	133.475	CC
Booth V-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	300.0	300.0	90.4	89.3	80.900	ES
Booth V-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	4,800.0	4,743.9	797.4	744.9	15.196	SF
Booth W-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	104.9	104.3	155.618	CC
Booth W-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	300.0	300.0	105.4	104.2	94.260	ES
Booth W-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	4,200.0	4,123.7	797.5	752.7	17.818	SF
Booth X-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	119.9	119.2	177.780	CC, ES
Booth X-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	3,700.0	3,604.5	796.1	757.1	20.372	SF
Existing Wells Sec.8-T6N-R66W						
Guttersen 2 (P&A) - Wellbore #1 - Wellbore #1	9,441.2	7,133.6	198.5	-6.0	0.970	Level 1, CC, ES, SF
Hergert 8-42 (Exist) - Wellbore #1 - Wellbore #1	10,717.1	7,138.4	85.2	-150.4	0.362	Level 1, CC, ES, SF
RH Farms 8-31 (Exist) - Wellbore #1 - Wellbore #1	11,906.5	7,125.7	175.0	-91.5	0.657	Level 1, CC, ES, SF
RH Farms 8-32 (Exist) - Wellbore #1 - Wellbore #1	13,420.7	7,135.1	118.8	-188.9	0.386	Level 1, CC, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Existing Wells Sec.9-T6N-R66W						
CEI-Gutterson 1 (P&A) - Wellbore #1 - Wellbore #1	8,099.7	7,145.2	95.9	-86.5	0.526	Level 1, CC
CEI-Gutterson 1 (P&A) - Wellbore #1 - Wellbore #1	8,100.0	7,145.2	95.9	-86.5	0.526	Level 1, ES, SF
Circle B 6-66-9-0164BH - Wellbore #1 - Wellbore #1	8,240.4	10,652.3	62.7	21.8	1.534	CC, ES, SF
Circle B 6-66-9-0164CH - Wellbore #1 - Wellbore #1	7,989.4	10,555.2	10.1	-27.3	0.270	Level 1, CC, ES, SF
Circle B 6-66-9-0263CDH - Wellbore #1 - Wellbore #1	7,722.2	10,610.6	122.5	87.8	3.530	CC, ES, SF
Gutterson 23-9 (P&A) - Wellbore #1 - Wellbore #1	6,880.5	6,549.4	388.4	236.9	2.564	CC, ES
Gutterson 23-9 (P&A) - Wellbore #1 - Wellbore #1	6,900.0	6,568.9	388.7	237.1	2.563	SF
Schaefer 42-7D Pad Sec.7-T6N-R66W						
Schaefer 33-7D - Wellbore #1 - Wellbore #1	16,272.8	7,277.4	189.5	-72.9	0.722	Level 1, CC, ES, SF
Schaefer 43-7D Pad Sec.7-T6N-R66W						
Schaefer 43-7D - Wellbore #1 - Wellbore #1	14,783.8	7,288.9	7.9	-211.4	0.036	Level 1, CC, ES, SF
Schaefer 7DD - Wellbore #1 - Wellbore #1	15,557.8	7,262.1	532.1	286.9	2.170	CC, ES
Schaefer 7DD - Wellbore #1 - Wellbore #1	15,600.0	7,262.1	533.8	287.4	2.166	SF
Schaefer 7XD - Wellbore #1 - Wellbore #1	14,145.6	7,243.7	560.6	357.5	2.760	CC, ES
Schaefer 7XD - Wellbore #1 - Wellbore #1	14,200.0	7,241.5	563.2	358.6	2.753	SF

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth M-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-1.06	45.2	-0.8	45.2				
100.0	100.0	100.0	100.0	0.1	0.1	-1.06	45.2	-0.8	45.2	45.0	0.22	201.041	
200.0	200.0	200.0	200.0	0.3	0.3	-1.06	45.2	-0.8	45.2	44.5	0.67	67.014	CC
300.0	300.0	299.3	299.2	0.6	0.6	-76.55	46.0	0.7	45.6	44.5	1.11	41.032	ES
400.0	399.8	398.5	398.3	0.8	0.8	-77.15	48.6	5.1	46.8	45.3	1.56	29.953	
500.0	499.5	497.7	497.2	1.0	1.0	-78.08	52.8	12.6	48.9	46.9	2.06	23.725	
600.0	598.7	596.9	595.6	1.3	1.3	-79.26	58.7	23.0	51.9	49.2	2.63	19.756	
700.0	697.5	696.0	693.6	1.7	1.6	-80.58	66.3	36.4	55.7	52.4	3.27	17.012	
800.0	795.6	795.1	790.9	2.0	2.0	-81.95	75.6	52.7	60.3	56.3	4.02	15.012	
900.0	893.1	894.1	887.4	2.5	2.4	-83.32	86.5	72.0	65.9	61.0	4.88	13.501	
1,000.0	989.6	993.1	983.0	3.0	2.9	-84.61	99.0	94.1	72.3	66.5	5.86	12.332	
1,091.5	1,077.2	1,083.6	1,069.6	3.5	3.4	-85.71	111.9	116.8	79.0	72.1	6.88	11.477	
1,100.0	1,085.3	1,092.0	1,077.6	3.6	3.5	-85.82	113.1	119.0	79.6	72.6	6.98	11.411	
1,200.0	1,180.5	1,190.7	1,171.1	4.2	4.1	-85.74	128.8	146.7	87.9	79.7	8.18	10.751	
1,300.0	1,275.7	1,290.3	1,264.8	4.8	4.8	-84.76	145.5	176.0	96.7	87.3	9.41	10.276	
1,400.0	1,370.9	1,389.9	1,358.6	5.4	5.4	-83.94	162.1	205.3	105.6	94.9	10.66	9.903	
1,500.0	1,466.1	1,489.5	1,452.3	6.0	6.1	-83.25	178.7	234.6	114.4	102.5	11.92	9.604	
1,600.0	1,561.3	1,589.1	1,546.0	6.7	6.8	-82.66	195.3	263.9	123.3	110.1	13.18	9.360	
1,700.0	1,656.5	1,688.7	1,639.8	7.3	7.5	-82.14	211.9	293.2	132.2	117.8	14.44	9.157	
1,800.0	1,751.7	1,788.3	1,733.5	7.9	8.2	-81.70	228.5	322.5	141.1	125.4	15.70	8.986	
1,900.0	1,846.8	1,887.9	1,827.2	8.6	8.9	-81.30	245.1	351.8	150.0	133.0	16.97	8.841	
2,000.0	1,942.0	1,987.5	1,920.9	9.2	9.6	-80.95	261.8	381.1	158.9	140.7	18.23	8.715	
2,100.0	2,037.2	2,087.1	2,014.7	9.9	10.3	-80.64	278.4	410.4	167.8	148.3	19.50	8.606	
2,200.0	2,132.4	2,186.7	2,108.4	10.5	10.9	-80.35	295.0	439.7	176.8	156.0	20.77	8.510	
2,300.0	2,227.6	2,286.3	2,202.1	11.2	11.6	-80.10	311.6	469.0	185.7	163.6	22.04	8.426	
2,400.0	2,322.8	2,385.9	2,295.8	11.8	12.3	-79.87	328.2	498.3	194.6	171.3	23.31	8.350	
2,500.0	2,418.0	2,485.5	2,389.6	12.4	13.0	-79.66	344.8	527.6	203.5	179.0	24.57	8.283	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth M-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,600.0	2,513.2	2,585.1	2,483.3	13.1	13.7	-79.46	361.4	557.0	212.5	186.6	25.84	8.222	
2,700.0	2,608.4	2,684.7	2,577.0	13.7	14.4	-79.29	378.1	586.3	221.4	194.3	27.11	8.166	
2,800.0	2,703.6	2,784.3	2,670.8	14.4	15.1	-79.12	394.7	615.6	230.3	202.0	28.38	8.116	
2,900.0	2,798.8	2,883.9	2,764.5	15.0	15.8	-78.97	411.3	644.9	239.3	209.6	29.65	8.070	
3,000.0	2,894.0	2,983.5	2,858.2	15.7	16.5	-78.83	427.9	674.2	248.2	217.3	30.92	8.028	
3,100.0	2,989.2	3,083.1	2,951.9	16.3	17.2	-78.70	444.5	703.5	257.2	225.0	32.19	7.990	
3,200.0	3,084.4	3,182.7	3,045.7	17.0	17.9	-78.58	461.1	732.8	266.1	232.7	33.46	7.954	
3,300.0	3,179.6	3,282.3	3,139.4	17.6	18.6	-78.46	477.7	762.1	275.1	240.3	34.73	7.921	
3,400.0	3,274.8	3,381.9	3,233.1	18.3	19.3	-78.35	494.4	791.4	284.0	248.0	35.99	7.890	
3,500.0	3,370.0	3,481.5	3,326.9	18.9	20.0	-78.25	511.0	820.7	292.9	255.7	37.26	7.862	
3,600.0	3,465.2	3,581.1	3,420.6	19.5	20.7	-78.16	527.6	850.0	301.9	263.4	38.53	7.835	
3,700.0	3,560.4	3,680.7	3,514.3	20.2	21.4	-78.07	544.2	879.3	310.8	271.0	39.80	7.810	
3,800.0	3,655.6	3,780.3	3,608.0	20.8	22.1	-77.99	560.8	908.6	319.8	278.7	41.07	7.787	
3,900.0	3,750.8	3,879.9	3,701.8	21.5	22.8	-77.91	577.4	937.9	328.7	286.4	42.34	7.765	
4,000.0	3,846.0	3,979.5	3,795.5	22.1	23.5	-77.83	594.0	967.2	337.7	294.1	43.61	7.744	
4,100.0	3,941.2	4,079.1	3,889.2	22.8	24.2	-77.76	610.7	996.5	346.6	301.8	44.88	7.725	
4,200.0	4,036.4	4,178.7	3,983.0	23.4	24.9	-77.69	627.3	1,025.8	355.6	309.5	46.14	7.706	
4,300.0	4,131.6	4,278.3	4,076.7	24.1	25.6	-77.63	643.9	1,055.1	364.5	317.1	47.41	7.689	
4,400.0	4,226.8	4,377.9	4,170.4	24.7	26.3	-77.57	660.5	1,084.4	373.5	324.8	48.68	7.672	
4,500.0	4,322.0	4,477.5	4,264.1	25.4	27.0	-77.51	677.1	1,113.7	382.5	332.5	49.95	7.657	
4,600.0	4,417.2	4,577.1	4,357.9	26.0	27.7	-77.45	693.7	1,143.0	391.4	340.2	51.22	7.642	
4,700.0	4,512.4	4,676.7	4,451.6	26.7	28.4	-77.40	710.4	1,172.3	400.4	347.9	52.49	7.628	
4,800.0	4,607.6	4,776.3	4,545.3	27.3	29.1	-77.35	727.0	1,201.6	409.3	355.6	53.76	7.614	
4,900.0	4,702.8	4,875.9	4,639.1	28.0	29.8	-77.30	743.6	1,230.9	418.3	363.2	55.02	7.601	
5,000.0	4,798.0	4,975.5	4,732.8	28.6	30.5	-77.25	760.2	1,260.2	427.2	370.9	56.29	7.589	
5,100.0	4,893.1	5,075.1	4,826.5	29.3	31.2	-77.21	776.8	1,289.5	436.2	378.6	57.56	7.578	
5,200.0	4,988.3	5,174.6	4,920.2	29.9	31.9	-77.16	793.4	1,318.8	445.1	386.3	58.83	7.566	
5,300.0	5,083.5	5,274.2	5,014.0	30.5	32.6	-77.12	810.0	1,348.1	454.1	394.0	60.10	7.556	
5,400.0	5,178.7	5,373.8	5,107.7	31.2	33.3	-77.08	826.7	1,377.4	463.0	401.7	61.37	7.545	
5,500.0	5,273.9	5,473.4	5,201.4	31.8	34.0	-77.04	843.3	1,406.7	472.0	409.4	62.63	7.536	
5,600.0	5,369.1	5,573.0	5,295.2	32.5	34.7	-77.01	859.9	1,436.0	480.9	417.0	63.90	7.526	
5,700.0	5,464.3	5,672.6	5,388.9	33.1	35.4	-76.97	876.5	1,465.3	489.9	424.7	65.17	7.517	
5,800.0	5,559.5	5,772.2	5,482.6	33.8	36.1	-76.94	893.1	1,494.6	498.9	432.4	66.44	7.508	
5,900.0	5,654.7	5,871.8	5,576.3	34.4	36.8	-76.90	909.7	1,523.9	507.8	440.1	67.71	7.500	
6,000.0	5,749.9	5,971.4	5,670.1	35.1	37.5	-76.87	926.3	1,553.3	516.8	447.8	68.98	7.492	
6,100.0	5,845.1	6,071.0	5,763.8	35.7	38.2	-76.84	943.0	1,582.6	525.7	455.5	70.24	7.484	
6,200.0	5,940.3	6,170.6	5,857.5	36.4	38.9	-76.81	959.6	1,611.9	534.7	463.2	71.51	7.477	
6,300.0	6,035.5	6,270.2	5,951.3	37.0	39.6	-76.78	976.2	1,641.2	543.6	470.9	72.78	7.470	
6,400.0	6,130.7	6,369.8	6,045.0	37.7	40.3	-76.76	992.8	1,670.5	552.6	478.5	74.05	7.463	
6,500.0	6,225.9	6,469.4	6,138.7	38.3	41.0	-76.73	1,009.4	1,699.8	561.6	486.2	75.32	7.456	
6,600.0	6,321.1	6,569.0	6,232.4	39.0	41.7	-76.70	1,026.0	1,729.1	570.5	493.9	76.59	7.449	
6,705.9	6,421.9	6,674.5	6,331.7	39.7	42.5	-76.68	1,043.6	1,760.1	580.0	502.1	77.93	7.443	
6,750.0	6,464.4	6,718.4	6,373.0	39.9	42.8	-72.67	1,050.9	1,773.0	583.9	505.4	78.51	7.437	
6,800.0	6,513.4	6,767.8	6,419.5	40.0	43.1	-62.87	1,059.2	1,787.5	588.4	509.5	78.94	7.454	
6,850.0	6,563.0	6,816.4	6,465.5	40.1	43.4	-35.56	1,067.3	1,800.9	593.0	513.9	79.13	7.494	
6,900.0	6,612.9	6,865.5	6,512.9	40.2	43.6	26.98	1,075.6	1,810.5	597.7	518.6	79.19	7.549	
6,950.0	6,662.6	6,915.5	6,561.9	40.2	43.8	60.67	1,083.9	1,816.1	602.6	523.5	79.14	7.615	
7,000.0	6,711.7	6,966.3	6,612.0	40.1	43.9	72.46	1,092.4	1,817.3	607.6	528.6	79.00	7.692	
7,050.0	6,760.0	7,018.1	6,662.9	40.1	43.9	78.09	1,100.8	1,813.8	612.7	533.9	78.78	7.778	
7,100.0	6,807.0	7,070.8	6,714.3	39.9	43.9	81.42	1,109.1	1,805.6	617.8	539.3	78.49	7.871	
7,150.0	6,852.3	7,124.6	6,765.7	39.8	43.9	83.66	1,117.3	1,792.2	622.8	544.6	78.15	7.969	
7,200.0	6,895.7	7,179.4	6,816.7	39.6	43.8	85.28	1,125.3	1,773.7	627.7	549.9	77.78	8.070	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth M-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,250.0	6,936.8	7,235.2	6,866.5	39.4	43.6	86.52	1,132.9	1,749.9	632.5	555.1	77.39	8.173	
7,300.0	6,975.2	7,292.1	6,914.8	39.3	43.5	87.49	1,140.0	1,720.6	637.0	560.0	77.00	8.274	
7,350.0	7,010.8	7,349.9	6,960.7	39.1	43.3	88.28	1,146.6	1,686.1	641.3	564.7	76.62	8.370	
7,400.0	7,043.1	7,408.8	7,003.7	38.9	43.1	88.92	1,152.6	1,646.4	645.3	569.0	76.28	8.460	
7,450.0	7,072.0	7,468.5	7,042.9	38.8	42.9	89.42	1,157.8	1,601.7	648.8	572.9	75.99	8.538	
7,500.0	7,097.3	7,529.0	7,077.9	38.6	42.7	89.82	1,162.1	1,552.5	652.0	576.2	75.78	8.604	
7,550.0	7,118.7	7,590.3	7,107.8	38.5	42.4	90.12	1,165.4	1,499.2	654.6	579.0	75.65	8.653	
7,600.0	7,136.2	7,652.0	7,132.2	38.4	42.3	90.32	1,167.7	1,442.6	656.7	581.1	75.62	8.685	
7,650.0	7,149.5	7,714.1	7,150.5	38.4	42.1	90.43	1,168.9	1,383.3	658.3	582.6	75.69	8.697	
7,700.0	7,158.5	7,776.5	7,162.4	38.4	42.0	90.45	1,169.0	1,322.1	659.3	583.4	75.86	8.691	
7,750.0	7,163.2	7,838.8	7,167.7	38.4	41.8	90.39	1,167.9	1,260.0	659.6	583.5	76.11	8.667	
7,782.8	7,164.0	7,875.9	7,167.9	38.5	41.8	90.34	1,166.8	1,223.0	659.6	583.3	76.31	8.644	
7,800.0	7,163.9	7,893.1	7,167.8	38.5	41.8	90.34	1,166.3	1,205.8	659.6	583.3	76.38	8.636	
7,900.0	7,163.3	7,993.1	7,167.3	38.7	41.8	90.34	1,163.0	1,105.9	659.6	582.6	77.03	8.564	
8,000.0	7,162.8	8,093.1	7,166.8	39.2	42.0	90.35	1,159.8	1,005.9	659.6	581.6	78.07	8.449	
8,100.0	7,162.2	8,193.1	7,166.2	39.8	42.3	90.35	1,156.6	906.0	659.6	580.1	79.49	8.298	
8,200.0	7,161.6	8,293.1	7,165.7	40.7	42.9	90.35	1,153.4	806.0	659.6	578.3	81.28	8.115	
8,300.0	7,161.1	8,393.1	7,165.2	41.7	43.6	90.36	1,150.1	706.1	659.6	576.2	83.41	7.908	
8,400.0	7,160.5	8,493.1	7,164.6	42.9	44.5	90.36	1,146.9	606.1	659.6	573.8	85.85	7.683	
8,500.0	7,159.9	8,593.1	7,164.1	44.2	45.6	90.36	1,143.7	506.2	659.6	571.0	88.58	7.446	
8,600.0	7,159.4	8,693.1	7,163.6	45.7	46.8	90.37	1,140.5	406.2	659.6	568.1	91.58	7.203	
8,700.0	7,158.8	8,793.1	7,163.1	47.3	48.3	90.37	1,137.2	306.3	659.6	564.8	94.81	6.958	
8,800.0	7,158.2	8,893.1	7,162.5	49.0	49.8	90.37	1,134.0	206.4	659.6	561.4	98.25	6.714	
8,900.0	7,157.7	8,993.1	7,162.0	50.8	51.5	90.37	1,130.8	106.4	659.6	557.7	101.89	6.474	
9,000.0	7,157.1	9,093.1	7,161.5	52.7	53.3	90.38	1,127.6	6.5	659.6	553.9	105.70	6.241	
9,100.0	7,156.6	9,193.1	7,160.9	54.6	55.2	90.38	1,124.3	-93.5	659.6	550.0	109.66	6.015	
9,200.0	7,156.0	9,293.1	7,160.4	56.7	57.2	90.38	1,121.1	-193.4	659.6	545.9	113.76	5.798	
9,300.0	7,155.4	9,393.1	7,159.9	58.8	59.3	90.39	1,117.9	-293.4	659.6	541.6	117.99	5.591	
9,400.0	7,154.9	9,493.1	7,159.3	61.0	61.4	90.39	1,114.7	-393.3	659.6	537.3	122.33	5.392	
9,500.0	7,154.3	9,593.1	7,158.8	63.2	63.6	90.39	1,111.5	-493.3	659.6	532.9	126.77	5.204	
9,600.0	7,153.7	9,693.1	7,158.3	65.5	65.9	90.40	1,108.2	-593.2	659.6	528.3	131.29	5.024	
9,700.0	7,153.2	9,793.1	7,157.8	67.8	68.2	90.40	1,105.0	-693.2	659.6	523.7	135.90	4.854	
9,800.0	7,152.6	9,893.1	7,157.2	70.1	70.5	90.40	1,101.8	-793.1	659.6	519.0	140.58	4.692	
9,900.0	7,152.0	9,993.1	7,156.7	72.5	72.9	90.41	1,098.6	-893.1	659.6	514.3	145.33	4.539	
10,000.0	7,151.5	10,093.1	7,156.2	74.9	75.3	90.41	1,095.3	-993.0	659.6	509.5	150.13	4.394	
10,100.0	7,150.9	10,193.1	7,155.6	77.3	77.7	90.41	1,092.1	-1,093.0	659.6	504.6	154.99	4.256	
10,200.0	7,150.3	10,293.1	7,155.1	79.8	80.1	90.41	1,088.9	-1,192.9	659.6	499.7	159.90	4.125	
10,300.0	7,149.8	10,393.1	7,154.6	82.3	82.6	90.42	1,085.7	-1,292.8	659.6	494.8	164.85	4.001	
10,400.0	7,149.2	10,493.1	7,154.0	84.8	85.1	90.42	1,082.4	-1,392.8	659.6	489.8	169.85	3.884	
10,500.0	7,148.6	10,593.1	7,153.5	87.3	87.6	90.42	1,079.2	-1,492.7	659.6	484.8	174.88	3.772	
10,600.0	7,148.1	10,693.1	7,153.0	89.8	90.2	90.43	1,076.0	-1,592.7	659.6	479.7	179.94	3.666	
10,700.0	7,147.5	10,793.1	7,152.5	92.4	92.7	90.43	1,072.8	-1,692.6	659.6	474.6	185.04	3.565	
10,800.0	7,146.9	10,893.1	7,151.9	95.0	95.3	90.43	1,069.5	-1,792.6	659.6	469.5	190.16	3.469	
10,900.0	7,146.4	10,993.1	7,151.4	97.5	97.9	90.44	1,066.3	-1,892.5	659.6	464.3	195.32	3.377	
11,000.0	7,145.8	11,093.1	7,150.9	100.1	100.4	90.44	1,063.1	-1,992.5	659.6	459.1	200.49	3.290	
11,100.0	7,145.2	11,193.1	7,150.3	102.7	103.0	90.44	1,059.9	-2,092.4	659.6	453.9	205.69	3.207	
11,200.0	7,144.7	11,293.1	7,149.8	105.3	105.7	90.44	1,056.7	-2,192.4	659.6	448.7	210.91	3.128	
11,300.0	7,144.1	11,393.1	7,149.3	108.0	108.3	90.45	1,053.4	-2,292.3	659.6	443.5	216.15	3.052	
11,400.0	7,143.5	11,493.1	7,148.7	110.6	110.9	90.45	1,050.2	-2,392.3	659.6	438.2	221.41	2.979	
11,439.1	7,143.3	11,532.1	7,148.5	111.6	111.9	90.45	1,048.9	-2,431.3	659.6	436.2	223.47	2.952	
11,500.0	7,143.0	11,593.1	7,148.2	113.2	113.5	90.45	1,047.0	-2,492.2	659.6	432.9	226.68	2.910	
11,600.0	7,142.4	11,693.1	7,147.7	115.9	116.2	90.46	1,043.8	-2,592.2	659.6	427.7	231.97	2.844	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth M-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
11,700.0	7,141.9	11,793.1	7,147.2	118.5	118.8	90.46	1,040.5	-2,692.1	659.6	422.4	237.28	2.780	
11,800.0	7,141.3	11,893.1	7,146.6	121.2	121.5	90.46	1,037.3	-2,792.0	659.6	417.0	242.60	2.719	
11,900.0	7,140.7	11,993.1	7,146.1	123.9	124.2	90.47	1,034.1	-2,892.0	659.6	411.7	247.93	2.661	
12,000.0	7,140.2	12,093.1	7,145.6	126.5	126.8	90.47	1,030.9	-2,991.9	659.6	406.4	253.27	2.604	
12,100.0	7,139.6	12,193.1	7,145.0	129.2	129.5	90.47	1,027.6	-3,091.9	659.6	401.0	258.62	2.551	
12,200.0	7,139.0	12,293.1	7,144.5	131.9	132.2	90.48	1,024.4	-3,191.8	659.6	395.6	263.99	2.499	
12,300.0	7,138.5	12,393.1	7,144.0	134.6	134.9	90.48	1,021.2	-3,291.8	659.6	390.3	269.36	2.449	
12,400.0	7,137.9	12,493.1	7,143.4	137.3	137.6	90.48	1,018.0	-3,391.7	659.6	384.9	274.75	2.401	
12,500.0	7,137.3	12,593.1	7,142.9	140.0	140.3	90.48	1,014.7	-3,491.7	659.6	379.5	280.14	2.355	
12,600.0	7,136.8	12,693.1	7,142.4	142.7	143.0	90.49	1,011.5	-3,591.6	659.6	374.1	285.54	2.310	
12,700.0	7,136.2	12,793.1	7,141.9	145.4	145.7	90.49	1,008.3	-3,691.6	659.6	368.7	290.95	2.267	
12,800.0	7,135.6	12,893.1	7,141.3	148.1	148.4	90.49	1,005.1	-3,791.5	659.6	363.3	296.36	2.226	
12,900.0	7,135.1	12,993.1	7,140.8	150.8	151.1	90.50	1,001.8	-3,891.5	659.6	357.8	301.79	2.186	
13,000.0	7,134.5	13,093.1	7,140.3	153.5	153.8	90.50	998.6	-3,991.4	659.6	352.4	307.22	2.147	
13,100.0	7,133.9	13,193.1	7,139.7	156.3	156.5	90.50	995.4	-4,091.4	659.6	347.0	312.65	2.110	
13,200.0	7,133.4	13,293.1	7,139.2	159.0	159.3	90.51	992.2	-4,191.3	659.6	341.5	318.10	2.074	
13,300.0	7,132.8	13,393.1	7,138.7	161.7	162.0	90.51	989.0	-4,291.2	659.6	336.1	323.54	2.039	
13,400.0	7,132.2	13,493.1	7,138.1	164.4	164.7	90.51	985.7	-4,391.2	659.6	330.6	329.00	2.005	
13,500.0	7,131.7	13,593.1	7,137.6	167.2	167.4	90.52	982.5	-4,491.1	659.6	325.2	334.45	1.972	
13,600.0	7,131.1	13,693.1	7,137.1	169.9	170.2	90.52	979.3	-4,591.1	659.6	319.7	339.92	1.941	
13,700.0	7,130.5	13,793.1	7,136.6	172.6	172.9	90.52	976.1	-4,691.0	659.6	314.2	345.39	1.910	
13,800.0	7,130.0	13,893.1	7,136.0	175.4	175.6	90.52	972.8	-4,791.0	659.6	308.8	350.86	1.880	
13,900.0	7,129.4	13,993.1	7,135.5	178.1	178.4	90.53	969.6	-4,890.9	659.6	303.3	356.33	1.851	
14,000.0	7,128.8	14,093.1	7,135.0	180.8	181.1	90.53	966.4	-4,990.9	659.6	297.8	361.81	1.823	
14,100.0	7,128.3	14,193.1	7,134.4	183.6	183.9	90.53	963.2	-5,090.8	659.6	292.3	367.30	1.796	
14,200.0	7,127.7	14,293.1	7,133.9	186.3	186.6	90.54	959.9	-5,190.8	659.6	286.8	372.79	1.769	
14,300.0	7,127.2	14,393.1	7,133.4	189.1	189.4	90.54	956.7	-5,290.7	659.6	281.4	378.28	1.744	
14,400.0	7,126.6	14,493.1	7,132.8	191.8	192.1	90.54	953.5	-5,390.7	659.6	275.9	383.77	1.719	
14,500.0	7,126.0	14,593.1	7,132.3	194.6	194.8	90.55	950.3	-5,490.6	659.6	270.4	389.27	1.695	
14,600.0	7,125.5	14,693.1	7,131.8	197.3	197.6	90.55	947.0	-5,590.6	659.6	264.9	394.77	1.671	
14,700.0	7,124.9	14,793.1	7,131.2	200.1	200.3	90.55	943.8	-5,690.5	659.6	259.4	400.28	1.648	
14,800.0	7,124.3	14,893.1	7,130.7	202.8	203.1	90.56	940.6	-5,790.4	659.6	253.8	405.78	1.626	
14,900.0	7,123.8	14,993.1	7,130.2	205.6	205.9	90.56	937.4	-5,890.4	659.6	248.3	411.29	1.604	
15,000.0	7,123.2	15,093.1	7,129.7	208.3	208.6	90.56	934.2	-5,990.3	659.6	242.8	416.80	1.583	
15,100.0	7,122.6	15,193.1	7,129.1	211.1	211.4	90.56	930.9	-6,090.3	659.6	237.3	422.32	1.562	
15,200.0	7,122.1	15,293.1	7,128.6	213.9	214.1	90.57	927.7	-6,190.2	659.6	231.8	427.84	1.542	
15,300.0	7,121.5	15,393.1	7,128.1	216.6	216.9	90.57	924.5	-6,290.2	659.6	226.3	433.36	1.522	
15,400.0	7,120.9	15,493.1	7,127.5	219.4	219.6	90.57	921.3	-6,390.1	659.6	220.8	438.88	1.503	
15,500.0	7,120.4	15,593.1	7,127.0	222.2	222.4	90.58	918.0	-6,490.1	659.6	215.2	444.40	1.484	Level 3
15,600.0	7,119.8	15,693.1	7,126.5	224.9	225.2	90.58	914.8	-6,590.0	659.6	209.7	449.93	1.466	Level 3
15,700.0	7,119.2	15,793.1	7,125.9	227.7	227.9	90.58	911.6	-6,690.0	659.6	204.2	455.45	1.448	Level 3
15,800.0	7,118.7	15,893.1	7,125.4	230.4	230.7	90.59	908.4	-6,789.9	659.6	198.6	460.98	1.431	Level 3
15,900.0	7,118.1	15,993.1	7,124.9	233.2	233.5	90.59	905.1	-6,889.9	659.6	193.1	466.52	1.414	Level 3
16,000.0	7,117.5	16,093.1	7,124.4	236.0	236.2	90.59	901.9	-6,989.8	659.6	187.6	472.05	1.397	Level 3
16,100.0	7,117.0	16,193.1	7,123.8	238.7	239.0	90.60	898.7	-7,089.7	659.6	182.0	477.58	1.381	Level 3
16,200.0	7,116.4	16,293.1	7,123.3	241.5	241.8	90.60	895.5	-7,189.7	659.6	176.5	483.12	1.365	Level 3
16,235.9	7,116.2	16,328.9	7,123.1	242.5	242.8	90.60	894.3	-7,225.6	659.6	174.5	485.11	1.360	Level 3
16,272.8	7,116.0	16,349.4	7,123.0	243.5	243.3	90.60	893.7	-7,246.0	659.8	173.1	486.70	1.356	Level 3, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth N-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-1.05	30.2	-0.6	30.2				
100.0	100.0	100.0	100.0	0.1	0.1	-1.05	30.2	-0.6	30.2	30.0	0.22	134.556	
200.0	200.0	200.0	200.0	0.3	0.3	-1.05	30.2	-0.6	30.2	29.6	0.67	44.852	
300.0	300.0	300.0	300.0	0.6	0.6	-79.59	30.2	-0.6	29.9	28.8	1.12	26.745	
400.0	399.8	399.8	399.8	0.8	0.8	-89.67	30.2	-0.6	29.4	27.8	1.57	18.762	
401.7	401.6	401.6	401.6	0.8	0.8	-89.91	30.2	-0.6	29.4	27.8	1.57	18.665	CC
500.0	499.5	499.5	499.5	1.0	1.0	-102.92	31.0	1.0	30.5	28.5	2.04	14.991	
600.0	598.7	599.4	599.2	1.3	1.2	-114.27	33.3	5.7	33.8	31.2	2.53	13.325	
700.0	697.5	699.5	699.0	1.7	1.5	-122.86	37.1	13.5	38.7	35.7	3.07	12.615	
800.0	795.6	799.8	798.5	2.0	1.7	-128.87	42.5	24.4	44.9	41.3	3.65	12.328	
900.0	893.1	900.4	897.8	2.5	2.0	-132.89	49.5	38.6	52.1	47.8	4.27	12.200	
1,000.0	989.6	1,001.1	996.7	3.0	2.4	-135.47	58.0	55.8	59.9	54.9	4.95	12.102	
1,091.5	1,077.2	1,093.4	1,086.7	3.5	2.8	-136.93	67.1	74.4	67.6	61.9	5.64	11.987	
1,100.0	1,085.3	1,102.0	1,095.0	3.6	2.8	-137.03	68.0	76.3	68.3	62.6	5.70	11.975	
1,200.0	1,180.5	1,203.3	1,192.8	4.2	3.3	-136.93	79.6	99.8	75.7	69.2	6.56	11.544	
1,300.0	1,275.7	1,304.7	1,289.7	4.8	3.9	-134.79	92.7	126.6	81.1	73.5	7.57	10.714	
1,400.0	1,370.9	1,405.6	1,385.1	5.4	4.5	-130.97	107.2	156.1	84.9	76.1	8.78	9.670	
1,500.0	1,466.1	1,505.3	1,479.1	6.0	5.1	-126.98	122.0	186.1	88.5	78.5	10.08	8.780	
1,600.0	1,561.3	1,605.1	1,573.1	6.7	5.8	-123.32	136.7	216.1	92.6	81.2	11.44	8.092	
1,700.0	1,656.5	1,704.8	1,667.1	7.3	6.5	-119.99	151.4	246.0	97.0	84.2	12.84	7.558	
1,800.0	1,751.7	1,804.6	1,761.1	7.9	7.1	-116.95	166.2	276.0	101.7	87.5	14.25	7.140	
1,900.0	1,846.8	1,904.3	1,855.0	8.6	7.8	-114.19	180.9	306.0	106.7	91.0	15.67	6.811	
2,000.0	1,942.0	2,004.1	1,949.0	9.2	8.5	-111.68	195.6	336.0	111.9	94.8	17.09	6.549	
2,100.0	2,037.2	2,103.8	2,043.0	9.9	9.2	-109.39	210.4	366.0	117.3	98.8	18.50	6.339	
2,200.0	2,132.4	2,203.6	2,137.0	10.5	9.9	-107.31	225.1	395.9	122.9	102.9	19.91	6.169	
2,300.0	2,227.6	2,303.3	2,231.0	11.2	10.5	-105.41	239.8	425.9	128.6	107.2	21.32	6.031	
2,400.0	2,322.8	2,403.1	2,325.0	11.8	11.2	-103.68	254.6	455.9	134.4	111.7	22.71	5.918	
2,500.0	2,418.0	2,502.8	2,419.0	12.4	11.9	-102.09	269.3	485.9	140.4	116.3	24.10	5.824	
2,600.0	2,513.2	2,602.6	2,513.0	13.1	12.6	-100.63	284.0	515.9	146.4	120.9	25.48	5.747	
2,700.0	2,608.4	2,702.3	2,607.0	13.7	13.3	-99.28	298.8	545.8	152.5	125.7	26.84	5.683	
2,800.0	2,703.6	2,802.1	2,701.0	14.4	14.0	-98.05	313.5	575.8	158.8	130.6	28.21	5.629	
2,900.0	2,798.8	2,901.8	2,795.0	15.0	14.7	-96.90	328.2	605.8	165.0	135.5	29.56	5.584	
3,000.0	2,894.0	3,001.6	2,888.9	15.7	15.4	-95.84	343.0	635.8	171.4	140.5	30.91	5.546	
3,100.0	2,989.2	3,101.3	2,982.9	16.3	16.1	-94.85	357.7	665.8	177.8	145.5	32.25	5.514	
3,200.0	3,084.4	3,201.1	3,076.9	17.0	16.8	-93.94	372.4	695.7	184.2	150.7	33.58	5.487	
3,300.0	3,179.6	3,300.8	3,170.9	17.6	17.5	-93.08	387.2	725.7	190.7	155.8	34.91	5.464	
3,400.0	3,274.8	3,400.6	3,264.9	18.3	18.1	-92.29	401.9	755.7	197.3	161.0	36.23	5.444	
3,500.0	3,370.0	3,500.3	3,358.9	18.9	18.8	-91.54	416.6	785.7	203.8	166.3	37.55	5.428	
3,600.0	3,465.2	3,600.1	3,452.9	19.5	19.5	-90.84	431.4	815.7	210.4	171.6	38.87	5.414	
3,700.0	3,560.4	3,699.8	3,546.9	20.2	20.2	-90.18	446.1	845.6	217.1	176.9	40.18	5.403	
3,800.0	3,655.6	3,799.6	3,640.9	20.8	20.9	-89.56	460.8	875.6	223.7	182.2	41.48	5.393	
3,900.0	3,750.8	3,899.3	3,734.9	21.5	21.6	-88.98	475.6	905.6	230.4	187.6	42.79	5.385	
4,000.0	3,846.0	3,999.1	3,828.8	22.1	22.3	-88.43	490.3	935.6	237.1	193.0	44.09	5.378	
4,100.0	3,941.2	4,098.8	3,922.8	22.8	23.0	-87.91	505.0	965.6	243.8	198.4	45.38	5.373	
4,200.0	4,036.4	4,198.6	4,016.8	23.4	23.7	-87.42	519.8	995.5	250.6	203.9	46.68	5.368	
4,300.0	4,131.6	4,298.3	4,110.8	24.1	24.4	-86.95	534.5	1,025.5	257.3	209.4	47.97	5.364	
4,400.0	4,226.8	4,398.1	4,204.8	24.7	25.1	-86.51	549.2	1,055.5	264.1	214.8	49.26	5.362	
4,500.0	4,322.0	4,497.8	4,298.8	25.4	25.8	-86.09	564.0	1,085.5	270.9	220.3	50.55	5.359	
4,600.0	4,417.2	4,597.6	4,392.8	26.0	26.5	-85.69	578.7	1,115.5	277.7	225.9	51.83	5.358	
4,700.0	4,512.4	4,697.3	4,486.8	26.7	27.2	-85.31	593.4	1,145.4	284.5	231.4	53.11	5.357	
4,800.0	4,607.6	4,797.1	4,580.8	27.3	27.9	-84.95	608.2	1,175.4	291.3	236.9	54.40	5.356	
4,900.0	4,702.8	4,896.8	4,674.8	28.0	28.6	-84.61	622.9	1,205.4	298.2	242.5	55.68	5.356	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth N-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,798.0	4,996.6	4,768.8	28.6	29.3	-84.28	637.6	1,235.4	305.0	248.1	56.95	5.356	
5,100.0	4,893.1	5,096.3	4,862.7	29.3	30.0	-83.96	652.4	1,265.3	311.9	253.7	58.23	5.356	
5,200.0	4,988.3	5,196.1	4,956.7	29.9	30.7	-83.66	667.1	1,295.3	318.8	259.3	59.51	5.357	
5,300.0	5,083.5	5,295.8	5,050.7	30.5	31.4	-83.37	681.8	1,325.3	325.6	264.9	60.78	5.358	
5,400.0	5,178.7	5,395.6	5,144.7	31.2	32.1	-83.09	696.6	1,355.3	332.5	270.5	62.06	5.359	
5,500.0	5,273.9	5,495.3	5,238.7	31.8	32.8	-82.83	711.3	1,385.3	339.4	276.1	63.33	5.360	
5,600.0	5,369.1	5,595.1	5,332.7	32.5	33.5	-82.57	726.0	1,415.2	346.3	281.7	64.60	5.361	
5,700.0	5,464.3	5,694.8	5,426.7	33.1	34.2	-82.32	740.8	1,445.2	353.2	287.4	65.87	5.363	
5,800.0	5,559.5	5,794.6	5,520.7	33.8	34.9	-82.09	755.5	1,475.2	360.1	293.0	67.14	5.364	
5,900.0	5,654.7	5,894.3	5,614.7	34.4	35.6	-81.86	770.2	1,505.2	367.1	298.6	68.41	5.366	
6,000.0	5,749.9	5,994.1	5,708.7	35.1	36.3	-81.64	785.0	1,535.2	374.0	304.3	69.67	5.368	
6,100.0	5,845.1	6,093.8	5,802.6	35.7	36.9	-81.43	799.7	1,565.1	380.9	310.0	70.94	5.369	
6,200.0	5,940.3	6,193.6	5,896.6	36.4	37.6	-81.23	814.4	1,595.1	387.8	315.6	72.21	5.371	
6,300.0	6,035.5	6,293.3	5,990.6	37.0	38.3	-81.03	829.2	1,625.1	394.8	321.3	73.47	5.373	
6,400.0	6,130.7	6,393.1	6,084.6	37.7	39.0	-80.84	843.9	1,655.1	401.7	327.0	74.74	5.375	
6,500.0	6,225.9	6,492.8	6,178.6	38.3	39.7	-80.66	858.6	1,685.1	408.7	332.7	76.00	5.377	
6,600.0	6,321.1	6,592.6	6,272.6	39.0	40.4	-80.48	873.4	1,715.0	415.6	338.4	77.26	5.379	
6,705.9	6,421.9	6,698.2	6,372.2	39.7	41.2	-80.30	889.0	1,746.8	423.0	344.4	78.60	5.381	
6,750.0	6,464.4	6,742.1	6,413.5	39.9	41.5	-76.07	895.5	1,760.0	425.9	346.8	79.13	5.383	
6,800.0	6,513.4	6,791.6	6,460.1	40.0	41.8	-65.86	902.8	1,774.9	429.1	349.6	79.47	5.400	
6,850.0	6,563.0	6,840.3	6,506.0	40.1	42.2	-37.89	910.0	1,789.5	432.2	352.6	79.57	5.431	
6,900.0	6,612.9	6,887.6	6,550.9	40.2	42.4	25.58	917.0	1,802.4	435.5	356.1	79.42	5.483	
6,950.0	6,662.6	6,935.6	6,597.6	40.2	42.6	60.20	924.1	1,811.7	439.2	360.1	79.14	5.550	
7,000.0	6,711.7	6,984.9	6,645.9	40.1	42.7	72.92	931.4	1,817.0	443.3	364.6	78.74	5.630	
7,050.0	6,760.0	7,035.3	6,695.8	40.1	42.8	79.48	938.7	1,818.1	447.8	369.6	78.26	5.722	
7,100.0	6,807.0	7,087.2	6,747.0	39.9	42.9	83.71	946.1	1,814.7	452.6	374.9	77.71	5.824	
7,150.0	6,852.3	7,140.5	6,799.1	39.8	42.9	86.83	953.5	1,806.3	457.6	380.5	77.10	5.936	
7,200.0	6,895.7	7,195.3	6,851.6	39.6	42.8	89.32	960.8	1,792.6	462.8	386.4	76.46	6.053	
7,250.0	6,936.8	7,251.7	6,904.2	39.4	42.7	91.39	967.9	1,773.2	468.1	392.3	75.81	6.175	
7,300.0	6,975.2	7,309.8	6,956.0	39.3	42.5	93.17	974.7	1,748.0	473.4	398.2	75.17	6.297	
7,350.0	7,010.8	7,369.7	7,006.5	39.1	42.4	94.70	981.1	1,716.6	478.5	404.0	74.57	6.417	
7,400.0	7,043.1	7,431.2	7,054.8	38.9	42.2	96.04	987.0	1,678.9	483.5	409.4	74.04	6.530	
7,450.0	7,072.0	7,494.4	7,100.0	38.8	41.9	97.18	992.3	1,635.1	488.0	414.4	73.60	6.631	
7,500.0	7,097.3	7,559.2	7,141.0	38.6	41.7	98.15	996.7	1,585.2	492.1	418.9	73.29	6.715	
7,550.0	7,118.7	7,625.4	7,177.0	38.5	41.5	98.94	1,000.2	1,529.7	495.7	422.6	73.13	6.778	
7,600.0	7,136.2	7,692.9	7,206.9	38.4	41.3	99.54	1,002.7	1,469.4	498.6	425.5	73.13	6.817	
7,650.0	7,149.5	7,761.3	7,229.9	38.4	41.1	99.96	1,004.1	1,405.0	500.7	427.4	73.32	6.830	
7,700.0	7,158.5	7,830.4	7,245.2	38.4	41.0	100.20	1,004.2	1,337.6	502.1	428.4	73.67	6.815	
7,750.0	7,163.2	7,899.8	7,252.4	38.4	40.9	100.24	1,003.1	1,268.7	502.6	428.4	74.18	6.776	
7,782.5	7,164.0	7,940.3	7,252.9	38.4	40.9	100.19	1,001.9	1,228.2	502.6	428.0	74.57	6.739	
7,782.8	7,164.0	7,940.6	7,252.9	38.5	40.9	100.19	1,001.9	1,227.9	502.6	428.0	74.58	6.739	
7,800.0	7,163.9	7,957.8	7,252.9	38.5	40.9	100.19	1,001.3	1,210.7	502.6	427.9	74.65	6.732	
7,900.0	7,163.3	8,057.8	7,252.3	38.7	41.0	100.20	998.1	1,110.8	502.6	427.3	75.28	6.676	
8,000.0	7,162.8	8,157.8	7,251.8	39.2	41.3	100.21	994.9	1,010.8	502.6	426.3	76.30	6.587	
8,100.0	7,162.2	8,257.8	7,251.3	39.8	41.7	100.21	991.7	910.9	502.6	424.9	77.70	6.469	
8,200.0	7,161.6	8,357.8	7,250.8	40.7	42.4	100.22	988.5	810.9	502.6	423.2	79.45	6.326	
8,300.0	7,161.1	8,457.8	7,250.3	41.7	43.2	100.23	985.2	711.0	502.6	421.1	81.55	6.164	
8,400.0	7,160.5	8,557.8	7,249.8	42.9	44.2	100.23	982.0	611.0	502.6	418.7	83.95	5.987	
8,500.0	7,159.9	8,657.8	7,249.3	44.2	45.4	100.24	978.8	511.1	502.7	416.0	86.65	5.801	
8,600.0	7,159.4	8,757.8	7,248.8	45.7	46.7	100.25	975.6	411.2	502.7	413.1	89.60	5.610	
8,700.0	7,158.8	8,857.8	7,248.3	47.3	48.2	100.25	972.4	311.2	502.7	409.9	92.78	5.418	
8,800.0	7,158.2	8,957.8	7,247.8	49.0	49.8	100.26	969.1	211.3	502.7	406.5	96.18	5.227	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth N-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,900.0	7,157.7	9,057.8	7,247.3	50.8	51.5	100.27	965.9	111.3	502.7	402.9	99.77	5.039	
9,000.0	7,157.1	9,157.8	7,246.8	52.7	53.4	100.27	962.7	11.4	502.7	399.2	103.53	4.856	
9,100.0	7,156.6	9,257.8	7,246.3	54.6	55.3	100.28	959.5	-88.6	502.7	395.3	107.44	4.679	
9,200.0	7,156.0	9,357.8	7,245.8	56.7	57.3	100.29	956.3	-188.5	502.8	391.3	111.48	4.510	
9,300.0	7,155.4	9,457.8	7,245.3	58.8	59.4	100.29	953.0	-288.5	502.8	387.1	115.65	4.347	
9,400.0	7,154.9	9,557.8	7,244.7	61.0	61.5	100.30	949.8	-388.4	502.8	382.9	119.93	4.192	
9,500.0	7,154.3	9,657.8	7,244.2	63.2	63.7	100.31	946.6	-488.4	502.8	378.5	124.31	4.045	
9,600.0	7,153.7	9,757.8	7,243.7	65.5	66.0	100.31	943.4	-588.3	502.8	374.0	128.77	3.905	
9,700.0	7,153.2	9,857.8	7,243.2	67.8	68.3	100.32	940.2	-688.3	502.8	369.5	133.31	3.772	
9,800.0	7,152.6	9,957.8	7,242.7	70.1	70.6	100.33	936.9	-788.2	502.8	364.9	137.93	3.646	
9,900.0	7,152.0	10,057.8	7,242.2	72.5	73.0	100.33	933.7	-888.2	502.9	360.3	142.60	3.526	
10,000.0	7,151.5	10,157.8	7,241.7	74.9	75.4	100.34	930.5	-988.1	502.9	355.5	147.34	3.413	
10,100.0	7,150.9	10,257.8	7,241.2	77.3	77.8	100.34	927.3	-1,088.0	502.9	350.8	152.13	3.306	
10,200.0	7,150.3	10,357.8	7,240.7	79.8	80.3	100.35	924.1	-1,188.0	502.9	345.9	156.97	3.204	
10,300.0	7,149.8	10,457.8	7,240.2	82.3	82.7	100.36	920.9	-1,287.9	502.9	341.1	161.85	3.107	
10,400.0	7,149.2	10,557.8	7,239.7	84.8	85.2	100.36	917.6	-1,387.9	502.9	336.2	166.77	3.016	
10,500.0	7,148.6	10,657.8	7,239.2	87.3	87.8	100.37	914.4	-1,487.8	503.0	331.2	171.72	2.929	
10,600.0	7,148.1	10,757.8	7,238.7	89.8	90.3	100.38	911.2	-1,587.8	503.0	326.3	176.71	2.846	
10,700.0	7,147.5	10,857.8	7,238.2	92.4	92.8	100.38	908.0	-1,687.7	503.0	321.3	181.73	2.768	
10,800.0	7,146.9	10,957.8	7,237.7	95.0	95.4	100.39	904.8	-1,787.7	503.0	316.2	186.78	2.693	
10,900.0	7,146.4	11,057.8	7,237.1	97.5	98.0	100.40	901.5	-1,887.6	503.0	311.2	191.85	2.622	
11,000.0	7,145.8	11,157.8	7,236.6	100.1	100.6	100.40	898.3	-1,987.6	503.0	306.1	196.95	2.554	
11,100.0	7,145.2	11,257.8	7,236.1	102.7	103.2	100.41	895.1	-2,087.5	503.0	301.0	202.07	2.489	
11,200.0	7,144.7	11,357.8	7,235.6	105.3	105.8	100.42	891.9	-2,187.5	503.1	295.9	207.20	2.428	
11,300.0	7,144.1	11,457.8	7,235.1	108.0	108.4	100.42	888.7	-2,287.4	503.1	290.7	212.36	2.369	
11,400.0	7,143.5	11,557.8	7,234.6	110.6	111.0	100.43	885.4	-2,387.4	503.1	285.5	217.54	2.313	
11,500.0	7,143.0	11,657.8	7,234.1	113.2	113.7	100.44	882.2	-2,487.3	503.1	280.4	222.73	2.259	
11,600.0	7,142.4	11,757.8	7,233.6	115.9	116.3	100.44	879.0	-2,587.3	503.1	275.2	227.93	2.207	
11,700.0	7,141.9	11,857.8	7,233.1	118.5	119.0	100.45	875.8	-2,687.2	503.1	270.0	233.15	2.158	
11,800.0	7,141.3	11,957.8	7,232.6	121.2	121.6	100.46	872.6	-2,787.1	503.1	264.8	238.39	2.111	
11,900.0	7,140.7	12,057.8	7,232.1	123.9	124.3	100.46	869.3	-2,887.1	503.2	259.5	243.63	2.065	
12,000.0	7,140.2	12,157.8	7,231.6	126.5	127.0	100.47	866.1	-2,987.0	503.2	254.3	248.89	2.022	
12,100.0	7,139.6	12,257.8	7,231.1	129.2	129.6	100.47	862.9	-3,087.0	503.2	249.0	254.16	1.980	
12,200.0	7,139.0	12,357.8	7,230.6	131.9	132.3	100.48	859.7	-3,186.9	503.2	243.8	259.44	1.940	
12,300.0	7,138.5	12,457.8	7,230.1	134.6	135.0	100.49	856.5	-3,286.9	503.2	238.5	264.72	1.901	
12,400.0	7,137.9	12,557.8	7,229.6	137.3	137.7	100.49	853.2	-3,386.8	503.2	233.2	270.02	1.864	
12,500.0	7,137.3	12,657.8	7,229.0	140.0	140.4	100.50	850.0	-3,486.8	503.2	227.9	275.32	1.828	
12,600.0	7,136.8	12,757.8	7,228.5	142.7	143.1	100.51	846.8	-3,586.7	503.3	222.6	280.64	1.793	
12,700.0	7,136.2	12,857.8	7,228.0	145.4	145.8	100.51	843.6	-3,686.7	503.3	217.3	285.96	1.760	
12,800.0	7,135.6	12,957.8	7,227.5	148.1	148.5	100.52	840.4	-3,786.6	503.3	212.0	291.28	1.728	
12,900.0	7,135.1	13,057.8	7,227.0	150.8	151.2	100.53	837.2	-3,886.6	503.3	206.7	296.62	1.697	
13,000.0	7,134.5	13,157.8	7,226.5	153.5	153.9	100.53	833.9	-3,986.5	503.3	201.4	301.96	1.667	
13,100.0	7,133.9	13,257.8	7,226.0	156.3	156.7	100.54	830.7	-4,086.5	503.3	196.0	307.30	1.638	
13,200.0	7,133.4	13,357.8	7,225.5	159.0	159.4	100.55	827.5	-4,186.4	503.3	190.7	312.65	1.610	
13,300.0	7,132.8	13,457.8	7,225.0	161.7	162.1	100.55	824.3	-4,286.3	503.4	185.4	318.01	1.583	
13,400.0	7,132.2	13,557.8	7,224.5	164.4	164.8	100.56	821.1	-4,386.3	503.4	180.0	323.37	1.557	
13,500.0	7,131.7	13,657.8	7,224.0	167.2	167.6	100.57	817.8	-4,486.2	503.4	174.7	328.74	1.531	
13,600.0	7,131.1	13,757.8	7,223.5	169.9	170.3	100.57	814.6	-4,586.2	503.4	169.3	334.11	1.507	
13,700.0	7,130.5	13,857.8	7,223.0	172.6	173.0	100.58	811.4	-4,686.1	503.4	163.9	339.48	1.483	Level 3
13,800.0	7,130.0	13,957.8	7,222.5	175.4	175.8	100.59	808.2	-4,786.1	503.4	158.6	344.86	1.460	Level 3
13,900.0	7,129.4	14,057.8	7,222.0	178.1	178.5	100.59	805.0	-4,886.0	503.5	153.2	350.24	1.437	Level 3
14,000.0	7,128.8	14,157.8	7,221.4	180.8	181.2	100.60	801.7	-4,986.0	503.5	147.8	355.63	1.416	Level 3

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth N-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
14,100.0	7,128.3	14,257.8	7,220.9	183.6	184.0	100.60	798.5	-5,085.9	503.5	142.5	361.02	1.395	Level 3
14,200.0	7,127.7	14,357.8	7,220.4	186.3	186.7	100.61	795.3	-5,185.9	503.5	137.1	366.41	1.374	Level 3
14,300.0	7,127.2	14,457.8	7,219.9	189.1	189.5	100.62	792.1	-5,285.8	503.5	131.7	371.81	1.354	Level 3
14,400.0	7,126.6	14,557.8	7,219.4	191.8	192.2	100.62	788.9	-5,385.8	503.5	126.3	377.21	1.335	Level 3
14,500.0	7,126.0	14,657.8	7,218.9	194.6	195.0	100.63	785.6	-5,485.7	503.5	120.9	382.61	1.316	Level 3
14,600.0	7,125.5	14,757.8	7,218.4	197.3	197.7	100.64	782.4	-5,585.7	503.6	115.5	388.02	1.298	Level 3
14,700.0	7,124.9	14,857.8	7,217.9	200.1	200.5	100.64	779.2	-5,685.6	503.6	110.1	393.43	1.280	Level 3
14,800.0	7,124.3	14,957.8	7,217.4	202.8	203.2	100.65	776.0	-5,785.5	503.6	104.8	398.84	1.263	Level 3
14,900.0	7,123.8	15,057.8	7,216.9	205.6	206.0	100.66	772.8	-5,885.5	503.6	99.4	404.25	1.246	Level 2
15,000.0	7,123.2	15,157.8	7,216.4	208.3	208.7	100.66	769.5	-5,985.4	503.6	94.0	409.67	1.229	Level 2
15,100.0	7,122.6	15,257.8	7,215.9	211.1	211.5	100.67	766.3	-6,085.4	503.6	88.5	415.08	1.213	Level 2
15,200.0	7,122.1	15,357.8	7,215.4	213.9	214.2	100.68	763.1	-6,185.3	503.6	83.1	420.50	1.198	Level 2
15,300.0	7,121.5	15,457.8	7,214.9	216.6	217.0	100.68	759.9	-6,285.3	503.7	77.7	425.92	1.183	Level 2
15,400.0	7,120.9	15,557.8	7,214.4	219.4	219.8	100.69	756.7	-6,385.2	503.7	72.3	431.35	1.168	Level 2
15,500.0	7,120.4	15,657.8	7,213.9	222.2	222.5	100.70	753.5	-6,485.2	503.7	66.9	436.77	1.153	Level 2
15,600.0	7,119.8	15,757.8	7,213.3	224.9	225.3	100.70	750.2	-6,585.1	503.7	61.5	442.20	1.139	Level 2
15,700.0	7,119.2	15,857.8	7,212.8	227.7	228.1	100.71	747.0	-6,685.1	503.7	56.1	447.63	1.125	Level 2
15,800.0	7,118.7	15,957.8	7,212.3	230.4	230.8	100.72	743.8	-6,785.0	503.7	50.7	453.06	1.112	Level 2
15,900.0	7,118.1	16,057.8	7,211.8	233.2	233.6	100.72	740.6	-6,885.0	503.8	45.3	458.49	1.099	Level 2
16,000.0	7,117.5	16,157.8	7,211.3	236.0	236.4	100.73	737.4	-6,984.9	503.8	39.8	463.93	1.086	Level 2
16,100.0	7,117.0	16,257.8	7,210.8	238.7	239.1	100.73	734.1	-7,084.9	503.8	34.4	469.36	1.073	Level 2
16,200.0	7,116.4	16,357.8	7,210.3	241.5	241.9	100.74	730.9	-7,184.8	503.8	29.0	474.80	1.061	Level 2
16,237.6	7,116.2	16,395.4	7,210.1	242.6	242.9	100.74	729.7	-7,222.4	503.8	27.0	476.84	1.057	Level 2
16,272.8	7,116.0	16,417.9	7,210.0	243.5	243.6	100.75	729.0	-7,244.9	504.0	25.6	478.41	1.053	Level 2, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth O-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-1.04	15.3	-0.3	15.3	15.3	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	-1.04	15.3	-0.3	15.3	15.1	0.22	68.088	
200.0	200.0	200.0	200.0	0.3	0.3	-1.04	15.3	-0.3	15.3	14.6	0.67	22.696	
300.0	300.0	300.0	300.0	0.6	0.6	-82.82	15.3	-0.3	15.0	13.9	1.12	13.419	
344.0	344.0	344.0	344.0	0.7	0.7	-90.00	15.3	-0.3	14.9	13.6	1.31	11.312	CC
400.0	399.8	399.8	399.8	0.8	0.8	-102.70	15.3	-0.3	15.2	13.7	1.57	9.727	
500.0	499.5	499.5	499.5	1.0	1.0	-128.92	15.3	-0.3	19.2	17.1	2.05	9.334	
600.0	598.7	598.7	598.7	1.3	1.2	-148.24	15.3	-0.3	28.5	25.9	2.55	11.166	
700.0	697.5	698.7	698.7	1.7	1.5	-158.25	16.0	1.3	41.1	38.1	3.02	13.594	
800.0	795.6	799.2	799.1	2.0	1.7	-163.00	18.0	6.1	54.6	51.1	3.49	15.642	
900.0	893.1	900.2	899.7	2.5	1.9	-165.46	21.3	14.2	68.4	64.4	3.96	17.250	
1,000.0	989.6	1,001.7	1,000.4	3.0	2.2	-166.76	26.1	25.7	82.4	77.9	4.45	18.490	
1,091.5	1,077.2	1,095.0	1,092.6	3.5	2.4	-167.36	31.6	39.1	95.3	90.3	4.92	19.358	
1,100.0	1,085.3	1,103.7	1,101.1	3.6	2.5	-167.39	32.2	40.5	96.4	91.5	4.96	19.428	
1,200.0	1,180.5	1,206.4	1,201.9	4.2	2.8	-167.42	39.8	58.8	108.6	103.1	5.50	19.764	
1,300.0	1,275.7	1,309.8	1,302.6	4.8	3.2	-166.82	48.8	80.6	117.4	111.4	6.07	19.351	
1,400.0	1,370.9	1,413.7	1,402.8	5.4	3.7	-165.67	59.2	105.8	122.9	116.2	6.69	18.363	
1,500.0	1,466.1	1,517.8	1,502.2	6.0	4.3	-163.94	71.1	134.4	125.1	117.7	7.39	16.925	
1,600.0	1,561.3	1,621.6	1,600.1	6.7	4.9	-161.55	84.3	166.2	124.1	115.9	8.17	15.177	
1,700.0	1,656.5	1,721.4	1,693.7	7.3	5.6	-158.85	97.5	198.3	121.8	112.8	9.05	13.452	
1,800.0	1,751.7	1,821.2	1,787.3	7.9	6.2	-156.05	110.8	230.4	119.8	109.8	10.03	11.948	
1,900.0	1,846.8	1,921.0	1,880.8	8.6	6.9	-153.16	124.1	262.5	118.1	107.0	11.10	10.643	
2,000.0	1,942.0	2,020.9	1,974.4	9.2	7.6	-150.20	137.4	294.5	116.8	104.5	12.27	9.514	
2,100.0	2,037.2	2,120.7	2,068.0	9.9	8.3	-147.17	150.7	326.6	115.7	102.2	13.54	8.544	
2,200.0	2,132.4	2,220.5	2,161.6	10.5	9.0	-144.10	163.9	358.7	115.0	100.1	14.91	7.714	
2,300.0	2,227.6	2,320.3	2,255.1	11.2	9.7	-141.00	177.2	390.7	114.6	98.2	16.35	7.007	
2,365.1	2,289.6	2,385.3	2,316.1	11.6	10.2	-138.97	185.9	411.6	114.5	97.2	17.34	6.605	
2,400.0	2,322.8	2,420.1	2,348.7	11.8	10.4	-137.89	190.5	422.8	114.5	96.7	17.88	6.407	
2,500.0	2,418.0	2,519.9	2,442.3	12.4	11.1	-134.78	203.8	454.9	114.8	95.4	19.47	5.899	
2,600.0	2,513.2	2,619.7	2,535.9	13.1	11.8	-131.70	217.1	486.9	115.5	94.4	21.11	5.470	
2,700.0	2,608.4	2,719.5	2,629.4	13.7	12.5	-128.66	230.3	519.0	116.4	93.6	22.78	5.109	
2,800.0	2,703.6	2,819.3	2,723.0	14.4	13.3	-125.68	243.6	551.1	117.7	93.2	24.49	4.807	
2,900.0	2,798.8	2,919.1	2,816.6	15.0	14.0	-122.77	256.9	583.1	119.3	93.1	26.20	4.553	
3,000.0	2,894.0	3,018.9	2,910.2	15.7	14.7	-119.94	270.2	615.2	121.2	93.3	27.92	4.341	
3,100.0	2,989.2	3,118.7	3,003.8	16.3	15.4	-117.20	283.5	647.3	123.4	93.7	29.62	4.164	
3,200.0	3,084.4	3,218.5	3,097.3	17.0	16.1	-114.57	296.7	679.3	125.8	94.5	31.32	4.017	
3,300.0	3,179.6	3,318.3	3,190.9	17.6	16.9	-112.04	310.0	711.4	128.5	95.5	32.99	3.896	
3,400.0	3,274.8	3,418.1	3,284.5	18.3	17.6	-109.62	323.3	743.5	131.5	96.8	34.63	3.796	
3,500.0	3,370.0	3,517.9	3,378.1	18.9	18.3	-107.31	336.6	775.5	134.6	98.4	36.25	3.714	
3,600.0	3,465.2	3,617.7	3,471.6	19.5	19.0	-105.11	349.9	807.6	138.0	100.2	37.84	3.648	
3,700.0	3,560.4	3,717.5	3,565.2	20.2	19.8	-103.01	363.1	839.7	141.6	102.2	39.39	3.594	
3,800.0	3,655.6	3,817.3	3,658.8	20.8	20.5	-101.03	376.4	871.7	145.3	104.4	40.91	3.552	
3,900.0	3,750.8	3,917.2	3,752.4	21.5	21.2	-99.14	389.7	903.8	149.3	106.9	42.40	3.520	
4,000.0	3,846.0	4,017.0	3,845.9	22.1	21.9	-97.35	403.0	935.9	153.3	109.5	43.86	3.496	
4,100.0	3,941.2	4,116.8	3,939.5	22.8	22.7	-95.66	416.3	967.9	157.5	112.2	45.30	3.478	
4,200.0	4,036.4	4,216.6	4,033.1	23.4	23.4	-94.05	429.5	1,000.0	161.9	115.2	46.70	3.466	
4,300.0	4,131.6	4,316.4	4,126.7	24.1	24.1	-92.53	442.8	1,032.1	166.4	118.3	48.08	3.460	
4,400.0	4,226.8	4,416.2	4,220.2	24.7	24.8	-91.10	456.1	1,064.1	170.9	121.5	49.44	3.458	
4,500.0	4,322.0	4,516.0	4,313.8	25.4	25.6	-89.73	469.4	1,096.2	175.6	124.8	50.77	3.459	
4,600.0	4,417.2	4,615.8	4,407.4	26.0	26.3	-88.44	482.7	1,128.3	180.4	128.3	52.08	3.463	
4,700.0	4,512.4	4,715.6	4,501.0	26.7	27.0	-87.21	495.9	1,160.3	185.2	131.9	53.38	3.470	
4,800.0	4,607.6	4,815.4	4,594.5	27.3	27.7	-86.05	509.2	1,192.4	190.2	135.5	54.66	3.480	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth O-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,900.0	4,702.8	4,915.2	4,688.1	28.0	28.5	-84.95	522.5	1,224.5	195.2	139.3	55.92	3.491	
5,000.0	4,798.0	5,015.0	4,781.7	28.6	29.2	-83.90	535.8	1,256.5	200.3	143.1	57.16	3.504	
5,100.0	4,893.1	5,114.8	4,875.3	29.3	29.9	-82.91	549.1	1,288.6	205.4	147.0	58.40	3.518	
5,200.0	4,988.3	5,214.6	4,968.8	29.9	30.6	-81.96	562.3	1,320.7	210.6	151.0	59.62	3.533	
5,300.0	5,083.5	5,314.4	5,062.4	30.5	31.4	-81.06	575.6	1,352.8	215.9	155.1	60.83	3.549	
5,400.0	5,178.7	5,414.2	5,156.0	31.2	32.1	-80.20	588.9	1,384.8	221.2	159.2	62.03	3.566	
5,500.0	5,273.9	5,514.0	5,249.6	31.8	32.8	-79.39	602.2	1,416.9	226.6	163.3	63.22	3.584	
5,600.0	5,369.1	5,613.8	5,343.1	32.5	33.5	-78.61	615.5	1,449.0	232.0	167.6	64.40	3.602	
5,700.0	5,464.3	5,713.7	5,436.7	33.1	34.3	-77.86	628.7	1,481.0	237.4	171.8	65.58	3.620	
5,800.0	5,559.5	5,813.5	5,530.3	33.8	35.0	-77.15	642.0	1,513.1	242.9	176.2	66.74	3.639	
5,900.0	5,654.7	5,913.3	5,623.9	34.4	35.7	-76.47	655.3	1,545.2	248.4	180.5	67.91	3.658	
6,000.0	5,749.9	6,013.1	5,717.4	35.1	36.5	-75.82	668.6	1,577.2	254.0	184.9	69.06	3.677	
6,100.0	5,845.1	6,112.9	5,811.0	35.7	37.2	-75.20	681.9	1,609.3	259.5	189.3	70.21	3.697	
6,200.0	5,940.3	6,212.7	5,904.6	36.4	37.9	-74.61	695.1	1,641.4	265.2	193.8	71.35	3.716	
6,300.0	6,035.5	6,312.5	5,998.2	37.0	38.6	-74.04	708.4	1,673.4	270.8	198.3	72.49	3.735	
6,400.0	6,130.7	6,412.3	6,091.8	37.7	39.4	-73.49	721.7	1,705.5	276.5	202.8	73.63	3.755	
6,500.0	6,225.9	6,512.1	6,185.3	38.3	40.1	-72.96	735.0	1,737.6	282.1	207.4	74.76	3.774	
6,600.0	6,321.1	6,611.9	6,278.9	39.0	40.8	-72.46	748.3	1,769.6	287.9	212.0	75.89	3.793	
6,705.9	6,421.9	6,719.0	6,379.9	39.7	41.5	-72.32	762.5	1,802.2	293.8	216.7	77.14	3.809	
6,750.0	6,464.4	6,764.1	6,423.6	39.9	41.7	-68.84	768.5	1,811.4	296.2	218.4	77.79	3.807	
6,800.0	6,513.4	6,815.0	6,473.7	40.0	41.8	-60.04	775.3	1,817.6	298.9	220.6	78.37	3.815	
6,850.0	6,563.0	6,865.7	6,523.9	40.1	41.9	-34.03	781.9	1,819.2	301.8	222.9	78.82	3.828	
6,900.0	6,612.9	6,916.1	6,573.8	40.2	42.0	27.21	788.4	1,816.5	304.6	225.5	79.16	3.848	
6,950.0	6,662.6	6,966.2	6,623.0	40.2	41.9	59.62	794.6	1,809.3	307.5	228.1	79.37	3.874	
7,000.0	6,711.7	7,016.1	6,671.2	40.1	41.9	70.15	800.6	1,798.0	310.4	230.9	79.47	3.906	
7,050.0	6,760.0	7,065.7	6,718.0	40.1	41.8	74.56	806.2	1,782.5	313.2	233.8	79.47	3.942	
7,100.0	6,807.0	7,115.1	6,763.1	39.9	41.7	76.70	811.5	1,763.2	316.1	236.7	79.36	3.983	
7,150.0	6,852.3	7,164.3	6,806.2	39.8	41.5	77.79	816.4	1,740.1	318.8	239.6	79.17	4.027	
7,200.0	6,895.7	7,213.2	6,847.0	39.6	41.4	78.33	820.9	1,713.5	321.4	242.5	78.89	4.074	
7,250.0	6,936.8	7,261.9	6,885.2	39.4	41.2	78.56	825.0	1,683.6	324.0	245.4	78.56	4.124	
7,300.0	6,975.2	7,310.4	6,920.7	39.3	41.1	78.59	828.6	1,650.8	326.4	248.2	78.17	4.175	
7,350.0	7,010.8	7,358.8	6,953.2	39.1	40.9	78.51	831.8	1,615.1	328.6	250.8	77.76	4.226	
7,400.0	7,043.1	7,406.9	6,982.5	38.9	40.8	78.35	834.4	1,577.0	330.6	253.3	77.33	4.276	
7,450.0	7,072.0	7,454.9	7,008.5	38.8	40.6	78.16	836.5	1,536.7	332.5	255.6	76.91	4.323	
7,500.0	7,097.3	7,502.8	7,031.0	38.6	40.5	77.96	838.1	1,494.5	334.1	257.6	76.51	4.367	
7,550.0	7,118.7	7,550.0	7,049.7	38.5	40.4	77.76	839.2	1,451.2	335.5	259.3	76.15	4.406	
7,600.0	7,136.2	7,598.1	7,065.0	38.4	40.3	77.56	839.8	1,405.6	336.6	260.8	75.84	4.439	
7,650.0	7,149.5	7,645.7	7,076.4	38.4	40.3	77.38	839.8	1,359.5	337.5	261.9	75.61	4.465	
7,700.0	7,158.5	7,693.1	7,083.9	38.4	40.3	77.22	839.3	1,312.6	338.2	262.7	75.44	4.483	
7,750.0	7,163.2	7,740.5	7,087.6	38.4	40.3	77.09	838.3	1,265.4	338.6	263.2	75.36	4.492	
7,782.8	7,164.0	7,771.9	7,088.0	38.5	40.3	77.02	837.4	1,234.0	338.6	263.3	75.35	4.494	
7,800.0	7,163.9	7,789.1	7,087.9	38.5	40.3	77.03	836.8	1,216.8	338.6	263.2	75.44	4.489	
7,900.0	7,163.3	7,889.1	7,087.4	38.7	40.5	77.04	833.6	1,116.9	338.6	262.4	76.17	4.446	
8,000.0	7,162.8	7,989.1	7,086.9	39.2	40.9	77.05	830.4	1,016.9	338.6	261.3	77.28	4.382	
8,100.0	7,162.2	8,089.1	7,086.4	39.8	41.4	77.07	827.1	917.0	338.6	259.8	78.75	4.299	
8,200.0	7,161.6	8,189.1	7,085.9	40.7	42.2	77.08	823.9	817.0	338.6	258.0	80.57	4.202	
8,300.0	7,161.1	8,289.1	7,085.5	41.7	43.1	77.09	820.7	717.1	338.5	255.8	82.71	4.093	
8,400.0	7,160.5	8,389.1	7,085.0	42.9	44.2	77.11	817.5	617.2	338.5	253.4	85.16	3.975	
8,500.0	7,159.9	8,489.1	7,084.5	44.2	45.5	77.12	814.2	517.2	338.5	250.6	87.88	3.852	
8,600.0	7,159.4	8,589.1	7,084.0	45.7	46.9	77.14	811.0	417.3	338.5	247.6	90.84	3.726	
8,700.0	7,158.8	8,689.1	7,083.5	47.3	48.4	77.15	807.8	317.3	338.5	244.4	94.04	3.599	
8,800.0	7,158.2	8,789.1	7,083.1	49.0	50.1	77.16	804.6	217.4	338.4	241.0	97.44	3.473	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth O-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,900.0	7,157.7	8,889.1	7,082.6	50.8	51.9	77.18	801.4	117.4	338.4	237.4	101.02	3.350	
9,000.0	7,157.1	8,989.1	7,082.1	52.7	53.7	77.19	798.1	17.5	338.4	233.6	104.77	3.230	
9,100.0	7,156.6	9,089.1	7,081.6	54.6	55.7	77.20	794.9	-82.5	338.4	229.7	108.66	3.114	
9,200.0	7,156.0	9,189.1	7,081.1	56.7	57.7	77.22	791.7	-182.4	338.4	225.7	112.69	3.003	
9,300.0	7,155.4	9,289.1	7,080.6	58.8	59.8	77.23	788.5	-282.4	338.4	221.5	116.84	2.896	
9,400.0	7,154.9	9,389.1	7,080.2	61.0	62.0	77.24	785.2	-382.3	338.3	217.2	121.10	2.794	
9,500.0	7,154.3	9,489.1	7,079.7	63.2	64.2	77.26	782.0	-482.3	338.3	212.9	125.45	2.697	
9,600.0	7,153.7	9,589.1	7,079.2	65.5	66.4	77.27	778.8	-582.2	338.3	208.4	129.88	2.605	
9,700.0	7,153.2	9,689.1	7,078.7	67.8	68.7	77.29	775.6	-682.2	338.3	203.9	134.40	2.517	
9,800.0	7,152.6	9,789.1	7,078.2	70.1	71.1	77.30	772.3	-782.1	338.3	199.3	138.98	2.434	
9,900.0	7,152.0	9,889.1	7,077.7	72.5	73.5	77.31	769.1	-882.0	338.2	194.6	143.63	2.355	
10,000.0	7,151.5	9,989.1	7,077.3	74.9	75.9	77.33	765.9	-982.0	338.2	189.9	148.34	2.280	
10,100.0	7,150.9	10,089.1	7,076.8	77.3	78.3	77.34	762.7	-1,081.9	338.2	185.1	153.10	2.209	
10,200.0	7,150.3	10,189.1	7,076.3	79.8	80.7	77.35	759.4	-1,181.9	338.2	180.3	157.91	2.142	
10,300.0	7,149.8	10,289.1	7,075.8	82.3	83.2	77.37	756.2	-1,281.8	338.2	175.4	162.76	2.078	
10,400.0	7,149.2	10,389.1	7,075.3	84.8	85.7	77.38	753.0	-1,381.8	338.2	170.5	167.65	2.017	
10,500.0	7,148.6	10,489.1	7,074.8	87.3	88.2	77.39	749.8	-1,481.7	338.1	165.6	172.57	1.959	
10,600.0	7,148.1	10,589.1	7,074.4	89.8	90.8	77.41	746.6	-1,581.7	338.1	160.6	177.54	1.905	
10,700.0	7,147.5	10,689.1	7,073.9	92.4	93.3	77.42	743.3	-1,681.6	338.1	155.6	182.53	1.852	
10,800.0	7,146.9	10,789.1	7,073.4	95.0	95.9	77.43	740.1	-1,781.6	338.1	150.5	187.55	1.803	
10,900.0	7,146.4	10,889.1	7,072.9	97.5	98.5	77.45	736.9	-1,881.5	338.1	145.5	192.60	1.755	
11,000.0	7,145.8	10,989.1	7,072.4	100.1	101.1	77.46	733.7	-1,981.5	338.0	140.4	197.67	1.710	
11,100.0	7,145.2	11,089.1	7,071.9	102.7	103.7	77.48	730.4	-2,081.4	338.0	135.3	202.76	1.667	
11,200.0	7,144.7	11,189.1	7,071.5	105.3	106.3	77.49	727.2	-2,181.4	338.0	130.1	207.87	1.626	
11,300.0	7,144.1	11,289.1	7,071.0	108.0	108.9	77.50	724.0	-2,281.3	338.0	125.0	213.01	1.587	
11,400.0	7,143.5	11,389.1	7,070.5	110.6	111.5	77.52	720.8	-2,381.3	338.0	119.8	218.16	1.549	
11,500.0	7,143.0	11,489.1	7,070.0	113.2	114.2	77.53	717.5	-2,481.2	338.0	114.6	223.33	1.513	
11,600.0	7,142.4	11,589.1	7,069.5	115.9	116.8	77.54	714.3	-2,581.1	337.9	109.4	228.51	1.479	Level 3
11,700.0	7,141.9	11,689.1	7,069.0	118.5	119.4	77.56	711.1	-2,681.1	337.9	104.2	233.71	1.446	Level 3
11,800.0	7,141.3	11,789.1	7,068.6	121.2	122.1	77.57	707.9	-2,781.0	337.9	99.0	238.93	1.414	Level 3
11,900.0	7,140.7	11,889.1	7,068.1	123.9	124.8	77.58	704.6	-2,881.0	337.9	93.7	244.15	1.384	Level 3
12,000.0	7,140.2	11,989.1	7,067.6	126.5	127.4	77.60	701.4	-2,980.9	337.9	88.5	249.39	1.355	Level 3
12,100.0	7,139.6	12,089.1	7,067.1	129.2	130.1	77.61	698.2	-3,080.9	337.9	83.2	254.64	1.327	Level 3
12,200.0	7,139.0	12,189.1	7,066.6	131.9	132.8	77.63	695.0	-3,180.8	337.8	77.9	259.90	1.300	Level 3
12,300.0	7,138.5	12,289.1	7,066.1	134.6	135.5	77.64	691.8	-3,280.8	337.8	72.6	265.17	1.274	Level 3
12,400.0	7,137.9	12,389.1	7,065.7	137.3	138.2	77.65	688.5	-3,380.7	337.8	67.3	270.45	1.249	Level 2
12,500.0	7,137.3	12,489.1	7,065.2	140.0	140.9	77.67	685.3	-3,480.7	337.8	62.0	275.74	1.225	Level 2
12,600.0	7,136.8	12,589.1	7,064.7	142.7	143.6	77.68	682.1	-3,580.6	337.8	56.7	281.04	1.202	Level 2
12,700.0	7,136.2	12,689.1	7,064.2	145.4	146.3	77.69	678.9	-3,680.6	337.7	51.4	286.35	1.179	Level 2
12,800.0	7,135.6	12,789.1	7,063.7	148.1	149.0	77.71	675.6	-3,780.5	337.7	46.1	291.66	1.158	Level 2
12,900.0	7,135.1	12,889.1	7,063.3	150.8	151.7	77.72	672.4	-3,880.5	337.7	40.7	296.99	1.137	Level 2
13,000.0	7,134.5	12,989.1	7,062.8	153.5	154.4	77.74	669.2	-3,980.4	337.7	35.4	302.31	1.117	Level 2
13,100.0	7,133.9	13,089.1	7,062.3	156.3	157.1	77.75	666.0	-4,080.3	337.7	30.0	307.65	1.098	Level 2
13,200.0	7,133.4	13,189.1	7,061.8	159.0	159.9	77.76	662.7	-4,180.3	337.7	24.7	312.99	1.079	Level 2
13,300.0	7,132.8	13,289.1	7,061.3	161.7	162.6	77.78	659.5	-4,280.2	337.6	19.3	318.34	1.061	Level 2
13,400.0	7,132.2	13,389.1	7,060.8	164.4	165.3	77.79	656.3	-4,380.2	337.6	13.9	323.69	1.043	Level 2
13,500.0	7,131.7	13,489.1	7,060.4	167.2	168.0	77.80	653.1	-4,480.1	337.6	8.6	329.05	1.026	Level 2
13,600.0	7,131.1	13,589.1	7,059.9	169.9	170.8	77.82	649.8	-4,580.1	337.6	3.2	334.42	1.009	Level 2
13,700.0	7,130.5	13,689.1	7,059.4	172.6	173.5	77.83	646.6	-4,680.0	337.6	-2.2	339.79	0.993	Level 1
13,800.0	7,130.0	13,789.1	7,058.9	175.4	176.2	77.84	643.4	-4,780.0	337.6	-7.6	345.16	0.978	Level 1
13,900.0	7,129.4	13,889.1	7,058.4	178.1	179.0	77.86	640.2	-4,879.9	337.5	-13.0	350.54	0.963	Level 1
14,000.0	7,128.8	13,989.1	7,057.9	180.8	181.7	77.87	637.0	-4,979.9	337.5	-18.4	355.92	0.948	Level 1

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth O-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
14,100.0	7,128.3	14,089.1	7,057.5	183.6	184.5	77.89	633.7	-5,079.8	337.5	-23.8	361.31	0.934	Level 1
14,200.0	7,127.7	14,189.1	7,057.0	186.3	187.2	77.90	630.5	-5,179.8	337.5	-29.2	366.70	0.920	Level 1
14,300.0	7,127.2	14,289.1	7,056.5	189.1	190.0	77.91	627.3	-5,279.7	337.5	-34.6	372.10	0.907	Level 1
14,400.0	7,126.6	14,389.1	7,056.0	191.8	192.7	77.93	624.1	-5,379.7	337.4	-40.1	377.50	0.894	Level 1
14,500.0	7,126.0	14,489.1	7,055.5	194.6	195.4	77.94	620.8	-5,479.6	337.4	-45.5	382.90	0.881	Level 1
14,600.0	7,125.5	14,589.1	7,055.0	197.3	198.2	77.95	617.6	-5,579.6	337.4	-50.9	388.31	0.869	Level 1
14,700.0	7,124.9	14,689.1	7,054.6	200.1	200.9	77.97	614.4	-5,679.5	337.4	-56.3	393.72	0.857	Level 1
14,800.0	7,124.3	14,789.1	7,054.1	202.8	203.7	77.98	611.2	-5,779.4	337.4	-61.8	399.13	0.845	Level 1
14,900.0	7,123.8	14,889.1	7,053.6	205.6	206.5	77.99	607.9	-5,879.4	337.4	-67.2	404.55	0.834	Level 1
15,000.0	7,123.2	14,989.1	7,053.1	208.3	209.2	78.01	604.7	-5,979.3	337.3	-72.6	409.97	0.823	Level 1
15,100.0	7,122.6	15,089.1	7,052.6	211.1	212.0	78.02	601.5	-6,079.3	337.3	-78.1	415.39	0.812	Level 1
15,200.0	7,122.1	15,189.1	7,052.1	213.9	214.7	78.04	598.3	-6,179.2	337.3	-83.5	420.82	0.802	Level 1
15,300.0	7,121.5	15,289.1	7,051.7	216.6	217.5	78.05	595.0	-6,279.2	337.3	-89.0	426.25	0.791	Level 1
15,400.0	7,120.9	15,389.1	7,051.2	219.4	220.2	78.06	591.8	-6,379.1	337.3	-94.4	431.68	0.781	Level 1
15,500.0	7,120.4	15,489.1	7,050.7	222.2	223.0	78.08	588.6	-6,479.1	337.3	-99.9	437.11	0.772	Level 1
15,600.0	7,119.8	15,589.1	7,050.2	224.9	225.8	78.09	585.4	-6,579.0	337.2	-105.3	442.55	0.762	Level 1
15,700.0	7,119.2	15,689.1	7,049.7	227.7	228.5	78.10	582.2	-6,679.0	337.2	-110.8	447.99	0.753	Level 1
15,800.0	7,118.7	15,789.1	7,049.2	230.4	231.3	78.12	578.9	-6,778.9	337.2	-116.2	453.43	0.744	Level 1
15,900.0	7,118.1	15,889.1	7,048.8	233.2	234.1	78.13	575.7	-6,878.9	337.2	-121.7	458.87	0.735	Level 1
16,000.0	7,117.5	15,989.1	7,048.3	236.0	236.8	78.15	572.5	-6,978.8	337.2	-127.1	464.32	0.726	Level 1
16,100.0	7,117.0	16,089.1	7,047.8	238.7	239.6	78.16	569.3	-7,078.8	337.2	-132.6	469.77	0.718	Level 1
16,200.0	7,116.4	16,189.1	7,047.3	241.5	242.4	78.17	566.0	-7,178.7	337.1	-138.1	475.22	0.709	Level 1
16,250.9	7,116.1	16,240.0	7,047.1	242.9	243.8	78.18	564.4	-7,229.6	337.1	-140.9	478.00	0.705	Level 1
16,272.8	7,116.0	16,254.0	7,047.0	243.5	244.2	78.18	563.9	-7,243.6	337.2	-141.8	478.97	0.704	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth Q-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.93	-14.9	0.3	14.9	14.9	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	178.93	-14.9	0.3	14.9	14.7	0.22	66.468	
200.0	200.0	200.0	200.0	0.3	0.3	178.93	-14.9	0.3	14.9	14.3	0.67	22.156	CC
300.0	300.0	300.0	300.0	0.6	0.6	109.95	-14.9	0.3	15.4	14.3	1.12	13.806	
400.0	399.8	399.8	399.8	0.8	0.8	125.82	-14.9	0.3	17.9	16.3	1.58	11.336	
500.0	499.5	500.0	500.0	1.0	1.0	139.99	-14.6	2.0	22.8	20.8	2.06	11.096	
600.0	598.7	600.5	600.3	1.3	1.2	148.40	-13.6	7.2	28.7	26.2	2.53	11.336	
700.0	697.5	701.2	700.6	1.7	1.5	153.49	-12.0	15.8	35.1	32.1	3.02	11.611	
800.0	795.6	802.1	800.8	2.0	1.7	156.66	-9.7	28.0	41.8	38.2	3.53	11.825	
900.0	893.1	903.3	900.7	2.5	2.1	158.67	-6.8	43.6	48.6	44.5	4.06	11.958	
1,000.0	989.6	1,004.8	1,000.3	3.0	2.4	159.92	-3.2	62.8	55.5	50.9	4.62	12.008	
1,091.5	1,077.2	1,097.8	1,090.9	3.5	2.8	160.61	0.7	83.4	61.9	56.7	5.16	11.987	
1,100.0	1,085.3	1,106.4	1,099.3	3.6	2.9	160.66	1.1	85.4	62.5	57.3	5.22	11.979	
1,200.0	1,180.5	1,208.4	1,197.7	4.2	3.4	160.50	6.0	111.6	67.6	61.7	5.86	11.536	
1,300.0	1,275.7	1,310.3	1,295.1	4.8	3.9	159.19	11.6	141.2	69.4	62.9	6.58	10.549	
1,400.0	1,370.9	1,410.3	1,390.2	5.4	4.5	157.51	17.3	171.4	70.2	62.8	7.37	9.523	
1,500.0	1,466.1	1,510.3	1,485.3	6.0	5.1	155.87	23.0	201.6	71.0	62.8	8.21	8.647	
1,600.0	1,561.3	1,610.2	1,580.5	6.7	5.7	154.26	28.7	231.8	71.8	62.7	9.09	7.900	
1,700.0	1,656.5	1,710.2	1,675.6	7.3	6.4	152.70	34.3	262.0	72.8	62.7	10.02	7.259	
1,800.0	1,751.7	1,810.2	1,770.7	7.9	7.0	151.17	40.0	292.3	73.7	62.7	10.99	6.707	
1,900.0	1,846.8	1,910.2	1,865.9	8.6	7.6	149.68	45.7	322.5	74.7	62.7	12.00	6.229	
2,000.0	1,942.0	2,010.1	1,961.0	9.2	8.3	148.24	51.4	352.7	75.8	62.8	13.04	5.813	
2,100.0	2,037.2	2,110.1	2,056.1	9.9	8.9	146.83	57.1	382.9	76.9	62.8	14.11	5.449	
2,200.0	2,132.4	2,210.1	2,151.3	10.5	9.5	145.47	62.8	413.1	78.1	62.8	15.22	5.130	
2,300.0	2,227.6	2,310.1	2,246.4	11.2	10.2	144.14	68.5	443.3	79.3	62.9	16.35	4.848	
2,400.0	2,322.8	2,410.0	2,341.5	11.8	10.8	142.86	74.2	473.6	80.5	63.0	17.51	4.598	
2,500.0	2,418.0	2,510.0	2,436.6	12.4	11.5	141.61	79.8	503.8	81.8	63.1	18.69	4.377	
2,600.0	2,513.2	2,610.0	2,531.8	13.1	12.1	140.41	85.5	534.0	83.1	63.2	19.89	4.179	
2,700.0	2,608.4	2,710.0	2,626.9	13.7	12.8	139.24	91.2	564.2	84.5	63.3	21.11	4.001	
2,800.0	2,703.6	2,809.9	2,722.0	14.4	13.4	138.11	96.9	594.4	85.8	63.5	22.35	3.842	
2,900.0	2,798.8	2,909.9	2,817.2	15.0	14.1	137.02	102.6	624.6	87.3	63.7	23.60	3.698	
3,000.0	2,894.0	3,009.9	2,912.3	15.7	14.7	135.96	108.3	654.8	88.7	63.8	24.86	3.568	
3,100.0	2,989.2	3,109.9	3,007.4	16.3	15.4	134.94	114.0	685.1	90.2	64.1	26.14	3.450	
3,200.0	3,084.4	3,209.9	3,102.6	17.0	16.0	133.95	119.7	715.3	91.7	64.3	27.43	3.343	
3,300.0	3,179.6	3,309.8	3,197.7	17.6	16.7	132.99	125.4	745.5	93.2	64.5	28.73	3.245	
3,400.0	3,274.8	3,409.8	3,292.8	18.3	17.3	132.06	131.0	775.7	94.8	64.8	30.04	3.155	
3,500.0	3,370.0	3,509.8	3,388.0	18.9	18.0	131.16	136.7	805.9	96.4	65.0	31.36	3.073	
3,600.0	3,465.2	3,609.8	3,483.1	19.5	18.6	130.30	142.4	836.1	98.0	65.3	32.68	2.998	
3,700.0	3,560.4	3,709.7	3,578.2	20.2	19.3	129.46	148.1	866.4	99.6	65.6	34.01	2.928	
3,800.0	3,655.6	3,809.7	3,673.3	20.8	19.9	128.65	153.8	896.6	101.3	65.9	35.35	2.864	
3,900.0	3,750.8	3,909.7	3,768.5	21.5	20.6	127.86	159.5	926.8	102.9	66.2	36.69	2.805	
4,000.0	3,846.0	4,009.7	3,863.6	22.1	21.2	127.10	165.2	957.0	104.6	66.6	38.03	2.750	
4,100.0	3,941.2	4,109.6	3,958.7	22.8	21.9	126.36	170.9	987.2	106.3	66.9	39.38	2.700	
4,200.0	4,036.4	4,209.6	4,053.9	23.4	22.5	125.65	176.6	1,017.4	108.0	67.3	40.73	2.652	
4,300.0	4,131.6	4,309.6	4,149.0	24.1	23.2	124.96	182.2	1,047.6	109.8	67.7	42.09	2.608	
4,400.0	4,226.8	4,409.6	4,244.1	24.7	23.8	124.29	187.9	1,077.9	111.5	68.1	43.44	2.567	
4,500.0	4,322.0	4,509.5	4,339.3	25.4	24.5	123.64	193.6	1,108.1	113.3	68.5	44.80	2.529	
4,600.0	4,417.2	4,609.5	4,434.4	26.0	25.1	123.01	199.3	1,138.3	115.1	68.9	46.16	2.493	
4,700.0	4,512.4	4,709.5	4,529.5	26.7	25.8	122.40	205.0	1,168.5	116.9	69.4	47.52	2.459	
4,800.0	4,607.6	4,809.5	4,624.7	27.3	26.4	121.81	210.7	1,198.7	118.7	69.8	48.88	2.428	
4,900.0	4,702.8	4,909.4	4,719.8	28.0	27.1	121.24	216.4	1,228.9	120.5	70.3	50.24	2.398	
5,000.0	4,798.0	5,009.4	4,814.9	28.6	27.7	120.68	222.1	1,259.2	122.3	70.7	51.61	2.370	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth Q-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,100.0	4,893.1	5,109.4	4,910.1	29.3	28.4	120.14	227.7	1,289.4	124.2	71.2	52.97	2.344	
5,200.0	4,988.3	5,209.4	5,005.2	29.9	29.0	119.62	233.4	1,319.6	126.0	71.7	54.33	2.320	
5,300.0	5,083.5	5,309.4	5,100.3	30.5	29.7	119.11	239.1	1,349.8	127.9	72.2	55.70	2.296	
5,400.0	5,178.7	5,409.3	5,195.4	31.2	30.3	118.62	244.8	1,380.0	129.8	72.7	57.06	2.274	
5,500.0	5,273.9	5,509.3	5,290.6	31.8	31.0	118.14	250.5	1,410.2	131.7	73.2	58.42	2.253	
5,600.0	5,369.1	5,609.3	5,385.7	32.5	31.6	117.67	256.2	1,440.4	133.5	73.8	59.79	2.234	
5,700.0	5,464.3	5,709.3	5,480.8	33.1	32.3	117.22	261.9	1,470.7	135.4	74.3	61.15	2.215	
5,800.0	5,559.5	5,809.2	5,576.0	33.8	32.9	116.78	267.6	1,500.9	137.4	74.8	62.51	2.197	
5,900.0	5,654.7	5,909.2	5,671.1	34.4	33.6	116.35	273.3	1,531.1	139.3	75.4	63.88	2.180	
6,000.0	5,749.9	6,009.2	5,766.2	35.1	34.2	115.93	278.9	1,561.3	141.2	76.0	65.24	2.164	
6,100.0	5,845.1	6,109.2	5,861.4	35.7	34.9	115.53	284.6	1,591.5	143.1	76.5	66.60	2.149	
6,200.0	5,940.3	6,209.1	5,956.5	36.4	35.5	115.13	290.3	1,621.7	145.1	77.1	67.96	2.135	
6,300.0	6,035.5	6,309.1	6,051.6	37.0	36.2	114.75	296.0	1,652.0	147.0	77.7	69.32	2.121	
6,400.0	6,130.7	6,409.1	6,146.8	37.7	36.8	114.38	301.7	1,682.2	149.0	78.3	70.68	2.108	
6,500.0	6,225.9	6,509.1	6,241.9	38.3	37.5	114.01	307.4	1,712.4	150.9	78.9	72.03	2.095	
6,600.0	6,321.1	6,609.0	6,337.0	39.0	38.1	113.66	313.1	1,742.6	152.9	79.5	73.39	2.083	
6,705.9	6,421.9	6,715.0	6,437.8	39.7	38.8	113.29	319.1	1,774.6	155.0	80.1	74.83	2.071	
6,750.0	6,464.4	6,759.0	6,479.7	39.9	39.1	116.81	321.6	1,787.9	155.6	80.0	75.58	2.058	
6,800.0	6,513.4	6,807.7	6,526.2	40.0	39.4	124.38	324.4	1,802.2	155.8	79.1	76.70	2.031	
6,850.0	6,563.0	6,855.9	6,573.1	40.1	39.6	148.96	327.0	1,812.9	156.2	78.6	77.64	2.012	
6,900.0	6,612.9	6,904.6	6,621.3	40.2	39.7	-151.26	329.6	1,819.7	156.9	78.5	78.38	2.002	
6,950.0	6,662.6	6,953.9	6,670.4	40.2	39.8	-120.33	332.2	1,822.4	157.9	79.0	78.90	2.001	
7,000.0	6,711.7	7,003.8	6,720.1	40.1	39.8	-111.27	334.6	1,820.8	159.1	79.9	79.19	2.009	
7,050.0	6,760.0	7,054.2	6,770.2	40.1	39.8	-108.31	336.9	1,814.7	160.6	81.4	79.23	2.027	
7,100.0	6,807.0	7,105.3	6,820.1	39.9	39.7	-107.58	339.0	1,804.2	162.4	83.3	79.05	2.054	
7,150.0	6,852.3	7,157.0	6,869.4	39.8	39.6	-107.84	341.0	1,789.0	164.3	85.7	78.63	2.090	
7,200.0	6,895.7	7,209.4	6,917.9	39.6	39.5	-108.59	342.8	1,769.2	166.5	88.5	78.02	2.134	
7,250.0	6,936.8	7,262.4	6,964.8	39.4	39.3	-109.57	344.3	1,744.7	168.7	91.5	77.22	2.185	
7,300.0	6,975.2	7,316.0	7,009.8	39.3	39.1	-110.66	345.6	1,715.6	171.0	94.7	76.28	2.242	
7,350.0	7,010.8	7,370.3	7,052.4	39.1	38.9	-111.77	346.6	1,682.0	173.3	98.1	75.24	2.304	
7,400.0	7,043.1	7,425.2	7,092.1	38.9	38.7	-112.84	347.4	1,644.1	175.6	101.5	74.15	2.368	
7,450.0	7,072.0	7,480.6	7,128.3	38.8	38.5	-113.84	347.9	1,602.1	177.8	104.7	73.05	2.434	
7,500.0	7,097.3	7,536.6	7,160.6	38.6	38.4	-114.75	348.0	1,556.4	179.8	107.8	71.99	2.497	
7,550.0	7,118.7	7,593.1	7,188.4	38.5	38.3	-115.54	347.8	1,507.3	181.6	110.6	71.03	2.557	
7,600.0	7,136.2	7,650.0	7,211.5	38.4	38.2	-116.22	347.3	1,455.3	183.1	112.9	70.20	2.609	
7,650.0	7,149.5	7,707.2	7,229.4	38.4	38.1	-116.76	346.4	1,401.0	184.4	114.8	69.54	2.652	
7,700.0	7,158.5	7,764.8	7,241.9	38.4	38.1	-117.17	345.3	1,344.9	185.3	116.2	69.08	2.683	
7,750.0	7,163.2	7,822.5	7,248.7	38.4	38.2	-117.43	343.8	1,287.6	185.9	117.1	68.83	2.701	
7,782.8	7,164.0	7,860.5	7,250.0	38.5	38.2	-117.53	342.6	1,249.6	186.1	117.3	68.78	2.705	
7,800.0	7,163.9	7,878.2	7,249.9	38.5	38.3	-117.54	342.1	1,231.9	186.1	117.2	68.86	2.702	
7,900.0	7,163.3	7,978.2	7,249.4	38.7	38.6	-117.54	338.8	1,132.0	186.1	116.5	69.56	2.675	
8,000.0	7,162.8	8,078.2	7,248.8	39.2	39.1	-117.54	335.6	1,032.1	186.1	115.5	70.61	2.636	
8,100.0	7,162.2	8,178.2	7,248.3	39.8	39.8	-117.55	332.4	932.1	186.1	114.1	71.98	2.585	
8,200.0	7,161.6	8,278.2	7,247.7	40.7	40.6	-117.55	329.2	832.2	186.1	112.4	73.68	2.526	
8,300.0	7,161.1	8,378.2	7,247.2	41.7	41.7	-117.55	325.9	732.2	186.1	110.4	75.67	2.459	
8,400.0	7,160.5	8,478.2	7,246.6	42.9	42.9	-117.56	322.7	632.3	186.1	108.2	77.94	2.388	
8,500.0	7,159.9	8,578.2	7,246.0	44.2	44.3	-117.56	319.5	532.3	186.1	105.7	80.45	2.313	
8,600.0	7,159.4	8,678.2	7,245.5	45.7	45.7	-117.56	316.3	432.4	186.1	102.9	83.19	2.237	
8,700.0	7,158.8	8,778.2	7,244.9	47.3	47.4	-117.56	313.0	332.4	186.1	100.0	86.14	2.161	
8,800.0	7,158.2	8,878.2	7,244.4	49.0	49.1	-117.57	309.8	232.5	186.1	96.9	89.27	2.085	
8,900.0	7,157.7	8,978.2	7,243.8	50.8	50.9	-117.57	306.6	132.5	186.1	93.6	92.57	2.011	
9,000.0	7,157.1	9,078.2	7,243.3	52.7	52.8	-117.57	303.4	32.6	186.1	90.1	96.02	1.939	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth Q-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,100.0	7,156.6	9,178.2	7,242.7	54.6	54.8	-117.58	300.2	-67.4	186.1	86.5	99.60	1.869	
9,200.0	7,156.0	9,278.2	7,242.2	56.7	56.8	-117.58	296.9	-167.3	186.1	82.8	103.31	1.802	
9,300.0	7,155.4	9,378.2	7,241.6	58.8	59.0	-117.58	293.7	-267.3	186.2	79.0	107.11	1.738	
9,400.0	7,154.9	9,478.2	7,241.1	61.0	61.1	-117.59	290.5	-367.2	186.2	75.1	111.02	1.677	
9,500.0	7,154.3	9,578.2	7,240.5	63.2	63.4	-117.59	287.3	-467.1	186.2	71.2	115.01	1.619	
9,600.0	7,153.7	9,678.2	7,240.0	65.5	65.6	-117.59	284.0	-567.1	186.2	67.1	119.08	1.563	
9,700.0	7,153.2	9,778.2	7,239.4	67.8	67.9	-117.60	280.8	-667.0	186.2	63.0	123.22	1.511	
9,800.0	7,152.6	9,878.2	7,238.9	70.1	70.3	-117.60	277.6	-767.0	186.2	58.8	127.42	1.461	Level 3
9,900.0	7,152.0	9,978.2	7,238.3	72.5	72.7	-117.60	274.4	-866.9	186.2	54.5	131.68	1.414	Level 3
10,000.0	7,151.5	10,078.2	7,237.7	74.9	75.1	-117.61	271.1	-966.9	186.2	50.2	135.99	1.369	Level 3
10,100.0	7,150.9	10,178.2	7,237.2	77.3	77.5	-117.61	267.9	-1,066.8	186.2	45.8	140.35	1.327	Level 3
10,200.0	7,150.3	10,278.2	7,236.6	79.8	80.0	-117.61	264.7	-1,166.8	186.2	41.5	144.75	1.286	Level 3
10,300.0	7,149.8	10,378.2	7,236.1	82.3	82.4	-117.62	261.5	-1,266.7	186.2	37.0	149.19	1.248	Level 2
10,400.0	7,149.2	10,478.2	7,235.5	84.8	84.9	-117.62	258.2	-1,366.7	186.2	32.5	153.67	1.212	Level 2
10,500.0	7,148.6	10,578.2	7,235.0	87.3	87.5	-117.62	255.0	-1,466.6	186.2	28.0	158.17	1.177	Level 2
10,600.0	7,148.1	10,678.2	7,234.4	89.8	90.0	-117.63	251.8	-1,566.6	186.2	23.5	162.71	1.145	Level 2
10,700.0	7,147.5	10,778.2	7,233.9	92.4	92.5	-117.63	248.6	-1,666.5	186.2	19.0	167.27	1.113	Level 2
10,800.0	7,146.9	10,878.2	7,233.3	95.0	95.1	-117.63	245.4	-1,766.4	186.2	14.4	171.86	1.084	Level 2
10,900.0	7,146.4	10,978.2	7,232.8	97.5	97.7	-117.64	242.1	-1,866.4	186.2	9.8	176.47	1.055	Level 2
11,000.0	7,145.8	11,078.2	7,232.2	100.1	100.3	-117.64	238.9	-1,966.3	186.2	5.1	181.11	1.028	Level 2
11,100.0	7,145.2	11,178.2	7,231.7	102.7	102.9	-117.64	235.7	-2,066.3	186.3	0.5	185.76	1.003	Level 2
11,200.0	7,144.7	11,278.2	7,231.1	105.3	105.5	-117.65	232.5	-2,166.2	186.3	-4.2	190.43	0.978	Level 1
11,300.0	7,144.1	11,378.2	7,230.5	108.0	108.1	-117.65	229.2	-2,266.2	186.3	-8.9	195.12	0.955	Level 1
11,400.0	7,143.5	11,478.2	7,230.0	110.6	110.7	-117.65	226.0	-2,366.1	186.3	-13.6	199.82	0.932	Level 1
11,500.0	7,143.0	11,578.2	7,229.4	113.2	113.4	-117.65	222.8	-2,466.1	186.3	-18.3	204.54	0.911	Level 1
11,600.0	7,142.4	11,678.2	7,228.9	115.9	116.0	-117.66	219.6	-2,566.0	186.3	-23.0	209.27	0.890	Level 1
11,700.0	7,141.9	11,778.2	7,228.3	118.5	118.7	-117.66	216.3	-2,666.0	186.3	-27.7	214.01	0.870	Level 1
11,800.0	7,141.3	11,878.2	7,227.8	121.2	121.3	-117.66	213.1	-2,765.9	186.3	-32.5	218.77	0.852	Level 1
11,900.0	7,140.7	11,978.2	7,227.2	123.9	124.0	-117.67	209.9	-2,865.9	186.3	-37.2	223.54	0.833	Level 1
12,000.0	7,140.2	12,078.2	7,226.7	126.5	126.7	-117.67	206.7	-2,965.8	186.3	-42.0	228.31	0.816	Level 1
12,100.0	7,139.6	12,178.2	7,226.1	129.2	129.4	-117.67	203.5	-3,065.8	186.3	-46.8	233.10	0.799	Level 1
12,200.0	7,139.0	12,278.2	7,225.6	131.9	132.0	-117.68	200.2	-3,165.7	186.3	-51.6	237.90	0.783	Level 1
12,300.0	7,138.5	12,378.2	7,225.0	134.6	134.7	-117.68	197.0	-3,265.6	186.3	-56.4	242.70	0.768	Level 1
12,400.0	7,137.9	12,478.2	7,224.5	137.3	137.4	-117.68	193.8	-3,365.6	186.3	-61.2	247.51	0.753	Level 1
12,500.0	7,137.3	12,578.2	7,223.9	140.0	140.1	-117.69	190.6	-3,465.5	186.3	-66.0	252.33	0.738	Level 1
12,600.0	7,136.8	12,678.2	7,223.4	142.7	142.8	-117.69	187.3	-3,565.5	186.3	-70.8	257.16	0.725	Level 1
12,700.0	7,136.2	12,778.2	7,222.8	145.4	145.5	-117.69	184.1	-3,665.4	186.3	-75.7	262.00	0.711	Level 1
12,800.0	7,135.6	12,878.2	7,222.2	148.1	148.2	-117.70	180.9	-3,765.4	186.3	-80.5	266.84	0.698	Level 1
12,900.0	7,135.1	12,978.2	7,221.7	150.8	151.0	-117.70	177.7	-3,865.3	186.4	-85.3	271.68	0.686	Level 1
13,000.0	7,134.5	13,078.2	7,221.1	153.5	153.7	-117.70	174.4	-3,965.3	186.4	-90.2	276.53	0.674	Level 1
13,100.0	7,133.9	13,178.2	7,220.6	156.3	156.4	-117.71	171.2	-4,065.2	186.4	-95.0	281.39	0.662	Level 1
13,200.0	7,133.4	13,278.2	7,220.0	159.0	159.1	-117.71	168.0	-4,165.2	186.4	-99.9	286.25	0.651	Level 1
13,300.0	7,132.8	13,378.2	7,219.5	161.7	161.8	-117.71	164.8	-4,265.1	186.4	-104.7	291.12	0.640	Level 1
13,400.0	7,132.2	13,478.2	7,218.9	164.4	164.6	-117.72	161.5	-4,365.1	186.4	-109.6	295.99	0.630	Level 1
13,500.0	7,131.7	13,578.2	7,218.4	167.2	167.3	-117.72	158.3	-4,465.0	186.4	-114.5	300.87	0.619	Level 1
13,600.0	7,131.1	13,678.2	7,217.8	169.9	170.0	-117.72	155.1	-4,564.9	186.4	-119.4	305.74	0.610	Level 1
13,700.0	7,130.5	13,778.2	7,217.3	172.6	172.8	-117.73	151.9	-4,664.9	186.4	-124.2	310.63	0.600	Level 1
13,800.0	7,130.0	13,878.2	7,216.7	175.4	175.5	-117.73	148.7	-4,764.8	186.4	-129.1	315.52	0.591	Level 1
13,900.0	7,129.4	13,978.2	7,216.2	178.1	178.2	-117.73	145.4	-4,864.8	186.4	-134.0	320.41	0.582	Level 1
14,000.0	7,128.8	14,078.2	7,215.6	180.8	181.0	-117.74	142.2	-4,964.7	186.4	-138.9	325.30	0.573	Level 1
14,100.0	7,128.3	14,178.2	7,215.0	183.6	183.7	-117.74	139.0	-5,064.7	186.4	-143.8	330.20	0.565	Level 1
14,200.0	7,127.7	14,278.2	7,214.5	186.3	186.5	-117.74	135.8	-5,164.6	186.4	-148.7	335.10	0.556	Level 1

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth Q-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
14,300.0	7,127.2	14,378.2	7,213.9	189.1	189.2	-117.74	132.5	-5,264.6	186.4	-153.6	340.00	0.548	Level 1
14,400.0	7,126.6	14,478.2	7,213.4	191.8	192.0	-117.75	129.3	-5,364.5	186.4	-158.5	344.91	0.541	Level 1
14,500.0	7,126.0	14,578.2	7,212.8	194.6	194.7	-117.75	126.1	-5,464.5	186.4	-163.4	349.81	0.533	Level 1
14,600.0	7,125.5	14,678.2	7,212.3	197.3	197.5	-117.75	122.9	-5,564.4	186.4	-168.3	354.72	0.526	Level 1
14,700.0	7,124.9	14,778.2	7,211.7	200.1	200.2	-117.76	119.6	-5,664.4	186.4	-173.2	359.64	0.518	Level 1
14,800.0	7,124.3	14,878.2	7,211.2	202.8	203.0	-117.76	116.4	-5,764.3	186.5	-178.1	364.55	0.511	Level 1
14,900.0	7,123.8	14,978.2	7,210.6	205.6	205.7	-117.76	113.2	-5,864.3	186.5	-183.0	369.47	0.505	Level 1
15,000.0	7,123.2	15,078.2	7,210.1	208.3	208.5	-117.77	110.0	-5,964.2	186.5	-187.9	374.39	0.498	Level 1
15,100.0	7,122.6	15,178.2	7,209.5	211.1	211.2	-117.77	106.8	-6,064.1	186.5	-192.8	379.31	0.492	Level 1
15,200.0	7,122.1	15,278.2	7,209.0	213.9	214.0	-117.77	103.5	-6,164.1	186.5	-197.8	384.23	0.485	Level 1
15,300.0	7,121.5	15,378.2	7,208.4	216.6	216.8	-117.78	100.3	-6,264.0	186.5	-202.7	389.16	0.479	Level 1
15,400.0	7,120.9	15,478.2	7,207.9	219.4	219.5	-117.78	97.1	-6,364.0	186.5	-207.6	394.09	0.473	Level 1
15,500.0	7,120.4	15,578.2	7,207.3	222.2	222.3	-117.78	93.9	-6,463.9	186.5	-212.5	399.02	0.467	Level 1
15,600.0	7,119.8	15,678.2	7,206.7	224.9	225.1	-117.79	90.6	-6,563.9	186.5	-217.4	403.95	0.462	Level 1
15,700.0	7,119.2	15,778.2	7,206.2	227.7	227.8	-117.79	87.4	-6,663.8	186.5	-222.4	408.88	0.456	Level 1
15,800.0	7,118.7	15,878.2	7,205.6	230.4	230.6	-117.79	84.2	-6,763.8	186.5	-227.3	413.81	0.451	Level 1
15,900.0	7,118.1	15,978.2	7,205.1	233.2	233.4	-117.80	81.0	-6,863.7	186.5	-232.2	418.75	0.445	Level 1
16,000.0	7,117.5	16,078.2	7,204.5	236.0	236.1	-117.80	77.7	-6,963.7	186.5	-237.2	423.68	0.440	Level 1
16,100.0	7,117.0	16,178.2	7,204.0	238.7	238.9	-117.80	74.5	-7,063.6	186.5	-242.1	428.62	0.435	Level 1
16,200.0	7,116.4	16,278.2	7,203.4	241.5	241.7	-117.81	71.3	-7,163.6	186.5	-247.0	433.56	0.430	Level 1
16,272.8	7,116.0	16,351.0	7,203.0	243.5	243.7	-117.81	68.9	-7,236.3	186.5	-250.6	437.15	0.427	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth R-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.93	-29.9	0.6	29.9				
100.0	100.0	100.0	100.0	0.1	0.1	178.93	-29.9	0.6	29.9	29.7	0.22	132.935	
200.0	200.0	200.0	200.0	0.3	0.3	178.93	-29.9	0.6	29.9	29.2	0.67	44.312	CC
300.0	300.0	300.0	300.0	0.6	0.6	106.85	-29.9	0.6	30.3	29.2	1.12	27.133	
400.0	399.8	399.8	399.8	0.8	0.8	115.74	-29.9	0.6	32.2	30.7	1.57	20.478	
500.0	499.5	499.5	499.5	1.0	1.0	127.92	-29.9	0.6	36.9	34.8	2.06	17.906	
600.0	598.7	598.7	598.7	1.3	1.2	139.99	-29.9	0.6	45.4	42.9	2.56	17.727	
700.0	697.5	699.0	699.0	1.7	1.4	148.83	-29.7	2.3	57.0	53.9	3.05	18.672	
800.0	795.6	799.8	799.7	2.0	1.7	154.24	-29.1	7.5	69.7	66.2	3.53	19.724	
900.0	893.1	901.1	900.6	2.5	1.9	157.63	-28.1	16.3	83.0	79.0	4.03	20.602	
1,000.0	989.6	1,002.9	1,001.6	3.0	2.2	159.79	-26.7	28.7	96.7	92.1	4.54	21.273	
1,091.5	1,077.2	1,096.5	1,094.0	3.5	2.4	161.05	-25.0	43.2	109.4	104.3	5.04	21.708	
1,100.0	1,085.3	1,105.2	1,102.6	3.6	2.5	161.14	-24.8	44.7	110.5	105.5	5.08	21.741	
1,200.0	1,180.5	1,208.2	1,203.7	4.2	2.8	161.73	-22.6	64.5	122.7	117.0	5.65	21.690	
1,300.0	1,275.7	1,311.9	1,304.6	4.8	3.2	161.50	-19.9	88.0	131.6	125.3	6.28	20.954	
1,400.0	1,370.9	1,416.1	1,405.1	5.4	3.7	160.60	-16.8	115.3	137.2	130.3	6.97	19.694	
1,500.0	1,466.1	1,520.5	1,504.7	6.0	4.3	159.03	-13.3	146.2	139.7	132.0	7.74	18.044	
1,600.0	1,561.3	1,621.6	1,600.4	6.7	4.9	157.02	-9.6	178.7	140.0	131.4	8.60	16.275	
1,700.0	1,656.5	1,721.4	1,694.8	7.3	5.5	155.01	-5.9	211.0	140.4	130.9	9.53	14.734	
1,800.0	1,751.7	1,821.3	1,789.3	7.9	6.2	153.01	-2.2	243.2	141.0	130.4	10.52	13.405	
1,900.0	1,846.8	1,921.2	1,883.7	8.6	6.8	151.03	1.4	275.5	141.7	130.1	11.56	12.256	
2,000.0	1,942.0	2,021.1	1,978.2	9.2	7.5	149.07	5.1	307.8	142.5	129.9	12.66	11.261	
2,100.0	2,037.2	2,121.0	2,072.6	9.9	8.1	147.14	8.8	340.0	143.6	129.8	13.81	10.398	
2,200.0	2,132.4	2,220.8	2,167.1	10.5	8.8	145.24	12.5	372.3	144.8	129.8	15.01	9.648	
2,300.0	2,227.6	2,320.7	2,261.5	11.2	9.5	143.37	16.1	404.5	146.2	129.9	16.25	8.995	
2,400.0	2,322.8	2,420.6	2,356.0	11.8	10.2	141.54	19.8	436.8	147.7	130.1	17.53	8.424	
2,500.0	2,418.0	2,520.5	2,450.5	12.4	10.8	139.75	23.5	469.0	149.3	130.5	18.85	7.923	
2,600.0	2,513.2	2,620.3	2,544.9	13.1	11.5	138.00	27.2	501.3	151.1	130.9	20.19	7.484	
2,700.0	2,608.4	2,720.2	2,639.4	13.7	12.2	136.29	30.8	533.5	153.1	131.5	21.57	7.097	
2,800.0	2,703.6	2,820.1	2,733.8	14.4	12.9	134.62	34.5	565.8	155.2	132.2	22.97	6.755	
2,900.0	2,798.8	2,920.0	2,828.3	15.0	13.5	133.00	38.2	598.0	157.4	133.0	24.39	6.452	
3,000.0	2,894.0	3,019.9	2,922.7	15.7	14.2	131.43	41.8	630.3	159.7	133.9	25.82	6.183	
3,100.0	2,989.2	3,119.7	3,017.2	16.3	14.9	129.90	45.5	662.6	162.1	134.8	27.27	5.944	
3,200.0	3,084.4	3,219.6	3,111.6	17.0	15.6	128.42	49.2	694.8	164.7	135.9	28.74	5.731	
3,300.0	3,179.6	3,319.5	3,206.1	17.6	16.3	126.99	52.9	727.1	167.3	137.1	30.21	5.540	
3,400.0	3,274.8	3,419.4	3,300.6	18.3	17.0	125.60	56.5	759.3	170.1	138.4	31.69	5.368	
3,500.0	3,370.0	3,519.2	3,395.0	18.9	17.7	124.25	60.2	791.6	173.0	139.8	33.17	5.215	
3,600.0	3,465.2	3,619.1	3,489.5	19.5	18.3	122.95	63.9	823.8	175.9	141.3	34.65	5.076	
3,700.0	3,560.4	3,719.0	3,583.9	20.2	19.0	121.70	67.6	856.1	179.0	142.8	36.14	4.952	
3,800.0	3,655.6	3,818.9	3,678.4	20.8	19.7	120.48	71.2	888.3	182.1	144.4	37.63	4.839	
3,900.0	3,750.8	3,918.8	3,772.8	21.5	20.4	119.31	74.9	920.6	185.3	146.2	39.12	4.737	
4,000.0	3,846.0	4,018.6	3,867.3	22.1	21.1	118.18	78.6	952.8	188.6	148.0	40.60	4.644	
4,100.0	3,941.2	4,118.5	3,961.7	22.8	21.8	117.08	82.3	985.1	191.9	149.8	42.08	4.560	
4,200.0	4,036.4	4,218.4	4,056.2	23.4	22.5	116.03	85.9	1,017.4	195.3	151.8	43.56	4.484	
4,300.0	4,131.6	4,318.3	4,150.6	24.1	23.2	115.01	89.6	1,049.6	198.8	153.8	45.04	4.414	
4,400.0	4,226.8	4,418.1	4,245.1	24.7	23.8	114.03	93.3	1,081.9	202.3	155.8	46.51	4.350	
4,500.0	4,322.0	4,518.0	4,339.6	25.4	24.5	113.08	97.0	1,114.1	205.9	158.0	47.98	4.292	
4,600.0	4,417.2	4,617.9	4,434.0	26.0	25.2	112.16	100.6	1,146.4	209.6	160.1	49.44	4.239	
4,700.0	4,512.4	4,717.8	4,528.5	26.7	25.9	111.28	104.3	1,178.6	213.3	162.4	50.90	4.191	
4,800.0	4,607.6	4,817.7	4,622.9	27.3	26.6	110.42	108.0	1,210.9	217.0	164.7	52.35	4.146	
4,900.0	4,702.8	4,917.5	4,717.4	28.0	27.3	109.59	111.6	1,243.1	220.8	167.0	53.80	4.105	
5,000.0	4,798.0	5,017.4	4,811.8	28.6	28.0	108.80	115.3	1,275.4	224.7	169.5	55.24	4.067	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth R-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,100.0	4,893.1	5,117.3	4,906.3	29.3	28.7	108.03	119.0	1,307.6	228.6	171.9	56.68	4.033	
5,200.0	4,988.3	5,217.2	5,000.7	29.9	29.3	107.28	122.7	1,339.9	232.5	174.4	58.11	4.001	
5,300.0	5,083.5	5,317.0	5,095.2	30.5	30.0	106.56	126.3	1,372.1	236.5	176.9	59.54	3.972	
5,400.0	5,178.7	5,416.9	5,189.7	31.2	30.7	105.87	130.0	1,404.4	240.5	179.5	60.96	3.945	
5,500.0	5,273.9	5,516.8	5,284.1	31.8	31.4	105.19	133.7	1,436.7	244.5	182.1	62.37	3.920	
5,600.0	5,369.1	5,616.7	5,378.6	32.5	32.1	104.54	137.4	1,468.9	248.6	184.8	63.79	3.897	
5,700.0	5,464.3	5,716.6	5,473.0	33.1	32.8	103.91	141.0	1,501.2	252.7	187.5	65.19	3.876	
5,800.0	5,559.5	5,816.4	5,567.5	33.8	33.5	103.30	144.7	1,533.4	256.8	190.2	66.59	3.856	
5,900.0	5,654.7	5,916.3	5,661.9	34.4	34.2	102.71	148.4	1,565.7	261.0	193.0	67.99	3.838	
6,000.0	5,749.9	6,016.2	5,756.4	35.1	34.9	102.14	152.1	1,597.9	265.1	195.8	69.38	3.821	
6,100.0	5,845.1	6,116.1	5,850.8	35.7	35.6	101.58	155.7	1,630.2	269.3	198.6	70.77	3.806	
6,200.0	5,940.3	6,215.9	5,945.3	36.4	36.2	101.05	159.4	1,662.4	273.6	201.4	72.16	3.791	
6,300.0	6,035.5	6,315.8	6,039.8	37.0	36.9	100.53	163.1	1,694.7	277.8	204.3	73.54	3.778	
6,400.0	6,130.7	6,415.7	6,134.2	37.7	37.6	100.02	166.7	1,726.9	282.1	207.2	74.91	3.766	
6,500.0	6,225.9	6,515.6	6,228.7	38.3	38.3	99.53	170.4	1,759.2	286.4	210.1	76.28	3.755	
6,600.0	6,321.1	6,615.5	6,323.1	39.0	39.0	99.06	174.1	1,791.5	290.7	213.1	77.65	3.744	
6,705.9	6,421.9	6,724.1	6,428.4	39.7	39.5	100.45	177.9	1,817.1	294.8	216.1	78.67	3.747	
6,750.0	6,464.4	6,768.2	6,472.3	39.9	39.6	106.20	179.2	1,821.8	296.4	217.6	78.81	3.762	
6,800.0	6,513.4	6,817.6	6,521.7	40.0	39.6	117.57	180.7	1,823.0	298.6	219.8	78.77	3.790	
6,850.0	6,563.0	6,866.4	6,570.3	40.1	39.6	146.12	181.9	1,820.0	300.9	222.3	78.60	3.828	
6,900.0	6,612.9	6,914.6	6,617.9	40.2	39.6	-150.15	183.0	1,812.9	303.5	225.2	78.30	3.876	
6,950.0	6,662.6	6,962.2	6,664.2	40.2	39.5	-115.31	184.0	1,802.1	306.2	228.3	77.90	3.930	
7,000.0	6,711.7	7,009.2	6,709.0	40.1	39.4	-102.44	184.7	1,787.7	309.0	231.6	77.43	3.991	
7,050.0	6,760.0	7,055.7	6,751.9	40.1	39.3	-95.78	185.4	1,769.8	311.9	235.0	76.90	4.056	
7,100.0	6,807.0	7,100.0	6,791.3	39.9	39.1	-91.53	185.8	1,749.7	314.9	238.5	76.34	4.125	
7,150.0	6,852.3	7,147.4	6,831.7	39.8	39.0	-88.38	186.1	1,724.8	317.8	242.1	75.73	4.197	
7,200.0	6,895.7	7,192.6	6,868.1	39.6	38.8	-85.94	186.3	1,698.0	320.7	245.6	75.14	4.268	
7,250.0	6,936.8	7,237.5	6,902.1	39.4	38.7	-83.96	186.3	1,668.7	323.5	248.9	74.57	4.338	
7,300.0	6,975.2	7,282.1	6,933.4	39.3	38.5	-82.31	186.2	1,637.0	326.2	252.2	74.04	4.405	
7,350.0	7,010.8	7,326.3	6,962.0	39.1	38.4	-80.93	185.9	1,603.3	328.7	255.1	73.57	4.468	
7,400.0	7,043.1	7,370.4	6,987.8	38.9	38.3	-79.76	185.5	1,567.6	331.0	257.8	73.17	4.523	
7,450.0	7,072.0	7,414.2	7,010.7	38.8	38.2	-78.79	184.9	1,530.2	333.1	260.2	72.87	4.571	
7,500.0	7,097.3	7,457.8	7,030.6	38.6	38.1	-78.00	184.2	1,491.4	334.9	262.2	72.66	4.608	
7,550.0	7,118.7	7,500.0	7,046.9	38.5	38.1	-77.37	183.4	1,452.6	336.4	263.8	72.58	4.635	
7,600.0	7,136.2	7,544.7	7,061.1	38.4	38.1	-76.89	182.4	1,410.2	337.6	265.0	72.60	4.650	
7,650.0	7,149.5	7,588.0	7,071.7	38.4	38.1	-76.55	181.4	1,368.2	338.5	265.7	72.75	4.652	
7,700.0	7,158.5	7,631.3	7,079.0	38.4	38.2	-76.36	180.2	1,325.6	339.0	266.0	73.01	4.644	
7,750.0	7,163.2	7,674.5	7,083.1	38.4	38.2	-76.31	178.9	1,282.6	339.2	265.9	73.36	4.624	
7,782.8	7,164.0	7,703.0	7,084.0	38.5	38.3	-76.36	178.1	1,254.2	339.2	265.6	73.65	4.606	
7,800.0	7,163.9	7,719.0	7,084.0	38.5	38.3	-76.37	177.5	1,238.1	339.2	265.5	73.73	4.601	
7,900.0	7,163.3	7,819.0	7,083.5	38.7	38.7	-76.38	174.3	1,138.2	339.2	264.8	74.40	4.559	
8,000.0	7,162.8	7,919.0	7,083.0	39.2	39.2	-76.39	171.1	1,038.2	339.2	263.7	75.46	4.495	
8,100.0	7,162.2	8,019.0	7,082.5	39.8	40.0	-76.40	167.9	938.3	339.1	262.3	76.89	4.411	
8,200.0	7,161.6	8,119.0	7,082.0	40.7	40.9	-76.41	164.6	838.4	339.1	260.5	78.67	4.311	
8,300.0	7,161.1	8,219.0	7,081.5	41.7	42.0	-76.43	161.4	738.4	339.1	258.3	80.79	4.198	
8,400.0	7,160.5	8,319.0	7,081.0	42.9	43.3	-76.44	158.2	638.5	339.1	255.9	83.21	4.076	
8,500.0	7,159.9	8,419.0	7,080.5	44.2	44.6	-76.45	154.9	538.5	339.1	253.2	85.91	3.947	
8,600.0	7,159.4	8,519.0	7,080.0	45.7	46.2	-76.46	151.7	438.6	339.1	250.2	88.86	3.816	
8,700.0	7,158.8	8,619.0	7,079.5	47.3	47.8	-76.47	148.5	338.6	339.1	247.0	92.05	3.684	
8,800.0	7,158.2	8,719.0	7,079.0	49.0	49.5	-76.48	145.3	238.7	339.1	243.6	95.44	3.553	
8,900.0	7,157.7	8,819.0	7,078.5	50.8	51.4	-76.50	142.0	138.7	339.0	240.0	99.02	3.424	
9,000.0	7,157.1	8,919.0	7,078.0	52.7	53.3	-76.51	138.8	38.8	339.0	236.3	102.76	3.299	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth R-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,100.0	7,156.6	9,019.0	7,077.5	54.6	55.3	-76.52	135.6	-61.2	339.0	232.4	106.65	3.179	
9,200.0	7,156.0	9,119.0	7,077.0	56.7	57.3	-76.53	132.4	-161.1	339.0	228.3	110.68	3.063	
9,300.0	7,155.4	9,219.0	7,076.5	58.8	59.5	-76.54	129.1	-261.1	339.0	224.2	114.83	2.952	
9,400.0	7,154.9	9,319.0	7,076.0	61.0	61.6	-76.56	125.9	-361.0	339.0	219.9	119.08	2.847	
9,500.0	7,154.3	9,419.0	7,075.5	63.2	63.9	-76.57	122.7	-461.0	339.0	215.5	123.43	2.746	
9,600.0	7,153.7	9,519.0	7,075.1	65.5	66.1	-76.58	119.4	-560.9	339.0	211.1	127.86	2.651	
9,700.0	7,153.2	9,619.0	7,074.6	67.8	68.5	-76.59	116.2	-660.8	338.9	206.6	132.38	2.560	
9,800.0	7,152.6	9,719.0	7,074.1	70.1	70.8	-76.60	113.0	-760.8	338.9	202.0	136.96	2.475	
9,900.0	7,152.0	9,819.0	7,073.6	72.5	73.2	-76.61	109.8	-860.7	338.9	197.3	141.61	2.393	
10,000.0	7,151.5	9,919.0	7,073.1	74.9	75.6	-76.63	106.5	-960.7	338.9	192.6	146.31	2.316	
10,100.0	7,150.9	10,019.0	7,072.6	77.3	78.0	-76.64	103.3	-1,060.6	338.9	187.8	151.07	2.243	
10,200.0	7,150.3	10,119.0	7,072.1	79.8	80.5	-76.65	100.1	-1,160.6	338.9	183.0	155.87	2.174	
10,300.0	7,149.8	10,219.0	7,071.6	82.3	83.0	-76.66	96.8	-1,260.5	338.9	178.2	160.72	2.109	
10,400.0	7,149.2	10,319.0	7,071.1	84.8	85.5	-76.67	93.6	-1,360.5	338.9	173.3	165.60	2.046	
10,500.0	7,148.6	10,419.0	7,070.6	87.3	88.0	-76.68	90.4	-1,460.4	338.9	168.3	170.53	1.987	
10,600.0	7,148.1	10,519.0	7,070.1	89.8	90.5	-76.70	87.2	-1,560.4	338.8	163.4	175.48	1.931	
10,700.0	7,147.5	10,619.0	7,069.6	92.4	93.1	-76.71	83.9	-1,660.3	338.8	158.4	180.47	1.878	
10,800.0	7,146.9	10,719.0	7,069.1	95.0	95.6	-76.72	80.7	-1,760.3	338.8	153.3	185.48	1.827	
10,900.0	7,146.4	10,819.0	7,068.6	97.5	98.2	-76.73	77.5	-1,860.2	338.8	148.3	190.52	1.778	
11,000.0	7,145.8	10,919.0	7,068.1	100.1	100.8	-76.74	74.3	-1,960.2	338.8	143.2	195.58	1.732	
11,100.0	7,145.2	11,019.0	7,067.6	102.7	103.4	-76.76	71.0	-2,060.1	338.8	138.1	200.67	1.688	
11,200.0	7,144.7	11,119.0	7,067.1	105.3	106.0	-76.77	67.8	-2,160.0	338.8	133.0	205.77	1.646	
11,300.0	7,144.1	11,219.0	7,066.6	108.0	108.6	-76.78	64.6	-2,260.0	338.8	127.9	210.90	1.606	
11,400.0	7,143.5	11,319.0	7,066.1	110.6	111.3	-76.79	61.3	-2,359.9	338.7	122.7	216.04	1.568	
11,500.0	7,143.0	11,419.0	7,065.7	113.2	113.9	-76.80	58.1	-2,459.9	338.7	117.5	221.20	1.531	
11,600.0	7,142.4	11,519.0	7,065.2	115.9	116.6	-76.81	54.9	-2,559.8	338.7	112.3	226.37	1.496	Level 3
11,700.0	7,141.9	11,619.0	7,064.7	118.5	119.2	-76.83	51.7	-2,659.8	338.7	107.1	231.56	1.463	Level 3
11,800.0	7,141.3	11,719.0	7,064.2	121.2	121.9	-76.84	48.4	-2,759.7	338.7	101.9	236.76	1.431	Level 3
11,900.0	7,140.7	11,819.0	7,063.7	123.9	124.5	-76.85	45.2	-2,859.7	338.7	96.7	241.98	1.400	Level 3
12,000.0	7,140.2	11,919.0	7,063.2	126.5	127.2	-76.86	42.0	-2,959.6	338.7	91.5	247.21	1.370	Level 3
12,100.0	7,139.6	12,019.0	7,062.7	129.2	129.9	-76.87	38.8	-3,059.6	338.7	86.2	252.44	1.342	Level 3
12,200.0	7,139.0	12,119.0	7,062.2	131.9	132.6	-76.89	35.5	-3,159.5	338.6	81.0	257.69	1.314	Level 3
12,300.0	7,138.5	12,219.0	7,061.7	134.6	135.3	-76.90	32.3	-3,259.5	338.6	75.7	262.95	1.288	Level 3
12,400.0	7,137.9	12,319.0	7,061.2	137.3	138.0	-76.91	29.1	-3,359.4	338.6	70.4	268.22	1.262	Level 3
12,500.0	7,137.3	12,419.0	7,060.7	140.0	140.7	-76.92	25.8	-3,459.4	338.6	65.1	273.49	1.238	Level 2
12,600.0	7,136.8	12,519.0	7,060.2	142.7	143.4	-76.93	22.6	-3,559.3	338.6	59.8	278.78	1.215	Level 2
12,700.0	7,136.2	12,619.0	7,059.7	145.4	146.1	-76.94	19.4	-3,659.2	338.6	54.5	284.07	1.192	Level 2
12,800.0	7,135.6	12,719.0	7,059.2	148.1	148.8	-76.96	16.2	-3,759.2	338.6	49.2	289.37	1.170	Level 2
12,900.0	7,135.1	12,819.0	7,058.7	150.8	151.5	-76.97	12.9	-3,859.1	338.6	43.9	294.68	1.149	Level 2
13,000.0	7,134.5	12,919.0	7,058.2	153.5	154.2	-76.98	9.7	-3,959.1	338.6	38.6	300.00	1.129	Level 2
13,100.0	7,133.9	13,019.0	7,057.7	156.3	156.9	-76.99	6.5	-4,059.0	338.5	33.2	305.32	1.109	Level 2
13,200.0	7,133.4	13,119.0	7,057.2	159.0	159.6	-77.00	3.2	-4,159.0	338.5	27.9	310.64	1.090	Level 2
13,300.0	7,132.8	13,219.0	7,056.7	161.7	162.4	-77.02	0.0	-4,258.9	338.5	22.5	315.98	1.071	Level 2
13,400.0	7,132.2	13,319.0	7,056.3	164.4	165.1	-77.03	-3.2	-4,358.9	338.5	17.2	321.32	1.053	Level 2
13,500.0	7,131.7	13,419.0	7,055.8	167.2	167.8	-77.04	-6.4	-4,458.8	338.5	11.8	326.66	1.036	Level 2
13,600.0	7,131.1	13,519.0	7,055.3	169.9	170.6	-77.05	-9.7	-4,558.8	338.5	6.5	332.01	1.019	Level 2
13,700.0	7,130.5	13,619.0	7,054.8	172.6	173.3	-77.06	-12.9	-4,658.7	338.5	1.1	337.36	1.003	Level 2
13,800.0	7,130.0	13,719.0	7,054.3	175.4	176.0	-77.07	-16.1	-4,758.7	338.5	-4.3	342.72	0.988	Level 1
13,900.0	7,129.4	13,819.0	7,053.8	178.1	178.8	-77.09	-19.3	-4,858.6	338.4	-9.6	348.09	0.972	Level 1
14,000.0	7,128.8	13,919.0	7,053.3	180.8	181.5	-77.10	-22.6	-4,958.6	338.4	-15.0	353.45	0.958	Level 1
14,100.0	7,128.3	14,019.0	7,052.8	183.6	184.2	-77.11	-25.8	-5,058.5	338.4	-20.4	358.83	0.943	Level 1
14,200.0	7,127.7	14,119.0	7,052.3	186.3	187.0	-77.12	-29.0	-5,158.4	338.4	-25.8	364.20	0.929	Level 1

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth R-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
14,300.0	7,127.2	14,219.0	7,051.8	189.1	189.7	-77.13	-32.3	-5,258.4	338.4	-31.2	369.58	0.916	Level 1
14,400.0	7,126.6	14,319.0	7,051.3	191.8	192.5	-77.15	-35.5	-5,358.3	338.4	-36.6	374.96	0.902	Level 1
14,500.0	7,126.0	14,419.0	7,050.8	194.6	195.2	-77.16	-38.7	-5,458.3	338.4	-42.0	380.35	0.890	Level 1
14,600.0	7,125.5	14,519.0	7,050.3	197.3	198.0	-77.17	-41.9	-5,558.2	338.4	-47.4	385.74	0.877	Level 1
14,700.0	7,124.9	14,619.0	7,049.8	200.1	200.7	-77.18	-45.2	-5,658.2	338.4	-52.8	391.13	0.865	Level 1
14,800.0	7,124.3	14,719.0	7,049.3	202.8	203.5	-77.19	-48.4	-5,758.1	338.3	-58.2	396.53	0.853	Level 1
14,900.0	7,123.8	14,819.0	7,048.8	205.6	206.2	-77.20	-51.6	-5,858.1	338.3	-63.6	401.93	0.842	Level 1
15,000.0	7,123.2	14,919.0	7,048.3	208.3	209.0	-77.22	-54.9	-5,958.0	338.3	-69.0	407.33	0.831	Level 1
15,100.0	7,122.6	15,019.0	7,047.8	211.1	211.8	-77.23	-58.1	-6,058.0	338.3	-74.4	412.74	0.820	Level 1
15,200.0	7,122.1	15,119.0	7,047.3	213.9	214.5	-77.24	-61.3	-6,157.9	338.3	-79.9	418.15	0.809	Level 1
15,300.0	7,121.5	15,219.0	7,046.9	216.6	217.3	-77.25	-64.5	-6,257.9	338.3	-85.3	423.56	0.799	Level 1
15,400.0	7,120.9	15,319.0	7,046.4	219.4	220.0	-77.26	-67.8	-6,357.8	338.3	-90.7	428.97	0.789	Level 1
15,500.0	7,120.4	15,419.0	7,045.9	222.2	222.8	-77.28	-71.0	-6,457.8	338.3	-96.1	434.39	0.779	Level 1
15,600.0	7,119.8	15,519.0	7,045.4	224.9	225.6	-77.29	-74.2	-6,557.7	338.3	-101.6	439.81	0.769	Level 1
15,700.0	7,119.2	15,619.0	7,044.9	227.7	228.3	-77.30	-77.4	-6,657.6	338.2	-107.0	445.23	0.760	Level 1
15,800.0	7,118.7	15,719.0	7,044.4	230.4	231.1	-77.31	-80.7	-6,757.6	338.2	-112.4	450.65	0.751	Level 1
15,900.0	7,118.1	15,819.0	7,043.9	233.2	233.9	-77.32	-83.9	-6,857.5	338.2	-117.9	456.08	0.742	Level 1
16,000.0	7,117.5	15,919.0	7,043.4	236.0	236.6	-77.33	-87.1	-6,957.5	338.2	-123.3	461.51	0.733	Level 1
16,100.0	7,117.0	16,019.0	7,042.9	238.7	239.4	-77.35	-90.4	-7,057.4	338.2	-128.7	466.94	0.724	Level 1
16,200.0	7,116.4	16,119.0	7,042.4	241.5	242.2	-77.36	-93.6	-7,157.4	338.2	-134.2	472.37	0.716	Level 1
16,272.8	7,116.0	16,191.8	7,042.0	243.5	244.2	-77.37	-95.9	-7,230.2	338.2	-138.1	476.32	0.710	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth S-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.93	-44.8	0.8	44.8				
100.0	100.0	100.0	100.0	0.1	0.1	178.93	-44.8	0.8	44.8	44.6	0.22	199.403	
200.0	200.0	200.0	200.0	0.3	0.3	178.93	-44.8	0.8	44.8	44.1	0.67	66.468	CC, ES
300.0	300.0	300.0	300.0	0.6	0.6	105.79	-44.8	0.8	45.3	44.1	1.12	40.486	
400.0	399.8	399.8	399.8	0.8	0.8	111.91	-44.8	0.8	47.0	45.4	1.57	29.857	
500.0	499.5	499.5	499.5	1.0	1.0	120.96	-44.8	0.8	50.9	48.8	2.06	24.748	
600.0	598.7	598.7	598.7	1.3	1.2	131.17	-44.8	0.8	58.1	55.5	2.56	22.682	
700.0	697.5	697.5	697.5	1.7	1.5	140.74	-44.8	0.8	69.5	66.4	3.08	22.575	
800.0	795.6	795.6	795.6	2.0	1.7	148.68	-44.8	0.8	85.2	81.6	3.59	23.744	
900.0	893.1	893.1	893.1	2.5	1.9	154.87	-44.8	0.8	105.1	101.0	4.09	25.716	
1,000.0	989.6	989.6	989.6	3.0	2.1	159.56	-44.8	0.8	129.1	124.5	4.58	28.182	
1,091.5	1,077.2	1,077.2	1,077.2	3.5	2.3	162.84	-44.8	0.8	154.4	149.4	5.03	30.709	
1,100.0	1,085.3	1,085.3	1,085.3	3.6	2.3	163.12	-44.8	0.8	156.9	151.9	5.07	30.960	
1,200.0	1,180.5	1,180.5	1,180.5	4.2	2.5	165.84	-44.8	0.8	186.6	181.0	5.54	33.666	
1,300.0	1,275.7	1,281.0	1,281.0	4.8	2.8	167.77	-44.9	2.0	215.5	209.5	6.01	35.831	
1,400.0	1,370.9	1,384.8	1,384.7	5.4	3.0	168.85	-45.0	6.8	241.6	235.1	6.49	37.238	
1,500.0	1,466.1	1,490.4	1,489.9	6.0	3.2	169.34	-45.4	15.5	264.6	257.7	6.98	37.888	
1,600.0	1,561.3	1,597.5	1,596.2	6.7	3.4	169.38	-45.9	28.3	284.4	276.9	7.51	37.876	
1,700.0	1,656.5	1,706.0	1,703.4	7.3	3.7	169.05	-46.5	45.4	301.0	292.9	8.07	37.300	
1,800.0	1,751.7	1,815.5	1,810.7	7.9	4.1	168.40	-47.3	66.6	314.2	305.5	8.67	36.242	
1,900.0	1,846.8	1,925.6	1,917.9	8.6	4.5	167.45	-48.3	92.2	324.1	314.7	9.32	34.772	
2,000.0	1,942.0	2,036.2	2,024.4	9.2	4.9	166.19	-49.5	121.9	330.7	320.7	10.04	32.947	
2,100.0	2,037.2	2,146.8	2,129.7	9.9	5.5	164.61	-50.8	155.8	334.2	323.3	10.83	30.847	
2,200.0	2,132.4	2,256.6	2,232.8	10.5	6.1	162.68	-52.2	193.3	334.6	322.9	11.74	28.514	
2,300.0	2,227.6	2,356.0	2,325.6	11.2	6.8	160.77	-53.6	229.0	334.0	321.3	12.68	26.339	
2,400.0	2,322.8	2,455.4	2,418.3	11.8	7.4	158.86	-55.0	264.6	333.8	320.1	13.70	24.370	
2,414.7	2,336.8	2,469.9	2,431.9	11.9	7.5	158.58	-55.2	269.8	333.8	319.9	13.85	24.098	
2,500.0	2,418.0	2,554.7	2,511.1	12.4	8.1	156.94	-56.3	300.2	333.9	319.1	14.78	22.594	
2,600.0	2,513.2	2,654.1	2,603.8	13.1	8.8	155.03	-57.7	335.9	334.4	318.5	15.93	20.999	
2,700.0	2,608.4	2,753.5	2,696.6	13.7	9.5	153.13	-59.1	371.5	335.3	318.2	17.13	19.569	
2,800.0	2,703.6	2,852.8	2,789.3	14.4	10.2	151.24	-60.5	407.1	336.6	318.2	18.40	18.291	
2,900.0	2,798.8	2,952.2	2,882.1	15.0	10.9	149.37	-61.8	442.8	338.2	318.5	19.72	17.150	
3,000.0	2,894.0	3,051.6	2,974.8	15.7	11.7	147.51	-63.2	478.4	340.2	319.1	21.09	16.132	
3,100.0	2,989.2	3,150.9	3,067.6	16.3	12.4	145.68	-64.6	514.0	342.5	320.0	22.50	15.223	
3,200.0	3,084.4	3,250.3	3,160.3	17.0	13.1	143.87	-65.9	549.6	345.2	321.3	23.95	14.413	
3,300.0	3,179.6	3,349.7	3,253.1	17.6	13.9	142.10	-67.3	585.3	348.3	322.8	25.44	13.690	
3,400.0	3,274.8	3,449.0	3,345.8	18.3	14.6	140.35	-68.7	620.9	351.6	324.7	26.95	13.045	
3,500.0	3,370.0	3,548.4	3,438.6	18.9	15.3	138.64	-70.1	656.5	355.3	326.8	28.50	12.468	
3,600.0	3,465.2	3,647.8	3,531.3	19.5	16.1	136.97	-71.4	692.2	359.3	329.2	30.06	11.952	
3,700.0	3,560.4	3,747.1	3,624.1	20.2	16.8	135.34	-72.8	727.8	363.6	332.0	31.64	11.491	
3,800.0	3,655.6	3,846.5	3,716.8	20.8	17.6	133.74	-74.2	763.4	368.2	335.0	33.24	11.077	
3,900.0	3,750.8	3,945.9	3,809.6	21.5	18.3	132.18	-75.5	799.0	373.1	338.2	34.85	10.706	
4,000.0	3,846.0	4,045.3	3,902.3	22.1	19.1	130.67	-76.9	834.7	378.2	341.8	36.46	10.373	
4,100.0	3,941.2	4,144.6	3,995.1	22.8	19.8	129.19	-78.3	870.3	383.6	345.6	38.09	10.073	
4,200.0	4,036.4	4,244.0	4,087.8	23.4	20.6	127.76	-79.7	905.9	389.3	349.6	39.71	9.804	
4,300.0	4,131.6	4,343.4	4,180.6	24.1	21.4	126.37	-81.0	941.6	395.2	353.9	41.33	9.561	
4,400.0	4,226.8	4,442.7	4,273.3	24.7	22.1	125.02	-82.4	977.2	401.3	358.3	42.96	9.342	
4,500.0	4,322.0	4,542.1	4,366.1	25.4	22.9	123.71	-83.8	1,012.8	407.6	363.1	44.58	9.145	
4,600.0	4,417.2	4,641.5	4,458.8	26.0	23.6	122.44	-85.2	1,048.5	414.2	368.0	46.19	8.966	
4,700.0	4,512.4	4,740.8	4,551.6	26.7	24.4	121.21	-86.5	1,084.1	420.9	373.1	47.80	8.805	
4,800.0	4,607.6	4,840.2	4,644.3	27.3	25.1	120.02	-87.9	1,119.7	427.9	378.4	49.41	8.659	
4,900.0	4,702.8	4,939.6	4,737.1	28.0	25.9	118.87	-89.3	1,155.3	435.0	384.0	51.01	8.528	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth S-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,798.0	5,038.9	4,829.9	28.6	26.7	117.76	-90.6	1,191.0	442.2	389.6	52.60	8.408	
5,100.0	4,893.1	5,138.3	4,922.6	29.3	27.4	116.68	-92.0	1,226.6	449.7	395.5	54.18	8.300	
5,200.0	4,988.3	5,237.7	5,015.4	29.9	28.2	115.64	-93.4	1,262.2	457.3	401.5	55.75	8.202	
5,300.0	5,083.5	5,337.0	5,108.1	30.5	28.9	114.63	-94.8	1,297.9	465.0	407.7	57.32	8.113	
5,400.0	5,178.7	5,436.4	5,200.9	31.2	29.7	113.65	-96.1	1,333.5	472.9	414.0	58.87	8.033	
5,500.0	5,273.9	5,535.8	5,293.6	31.8	30.5	112.71	-97.5	1,369.1	480.9	420.5	60.42	7.960	
5,600.0	5,369.1	5,635.1	5,386.4	32.5	31.2	111.79	-98.9	1,404.8	489.1	427.1	61.96	7.894	
5,700.0	5,464.3	5,734.5	5,479.1	33.1	32.0	110.91	-100.2	1,440.4	497.3	433.8	63.48	7.834	
5,800.0	5,559.5	5,833.9	5,571.9	33.8	32.7	110.06	-101.6	1,476.0	505.7	440.7	65.00	7.779	
5,900.0	5,654.7	5,933.2	5,664.6	34.4	33.5	109.23	-103.0	1,511.6	514.2	447.7	66.52	7.730	
6,000.0	5,749.9	6,032.6	5,757.4	35.1	34.3	108.43	-104.4	1,547.3	522.8	454.8	68.02	7.686	
6,100.0	5,845.1	6,132.0	5,850.1	35.7	35.0	107.66	-105.7	1,582.9	531.5	461.9	69.51	7.646	
6,200.0	5,940.3	6,231.4	5,942.9	36.4	35.8	106.91	-107.1	1,618.5	540.2	469.2	71.00	7.609	
6,300.0	6,035.5	6,330.7	6,035.6	37.0	36.6	106.19	-108.5	1,654.2	549.1	476.6	72.47	7.577	
6,400.0	6,130.7	6,430.1	6,128.4	37.7	37.3	105.48	-109.8	1,689.8	558.1	484.1	73.94	7.547	
6,500.0	6,225.9	6,529.5	6,221.1	38.3	38.1	104.80	-111.2	1,725.4	567.1	491.7	75.40	7.521	
6,600.0	6,321.1	6,628.8	6,313.9	39.0	38.8	104.15	-112.6	1,761.0	576.2	499.3	76.86	7.497	
6,705.9	6,421.9	6,733.1	6,411.5	39.7	39.6	103.56	-114.1	1,797.7	586.0	507.6	78.33	7.480	
6,750.0	6,464.4	6,775.7	6,452.4	39.9	39.8	108.16	-114.8	1,809.2	590.1	511.4	78.73	7.495	
6,800.0	6,513.4	6,824.0	6,499.8	40.0	40.0	118.23	-115.8	1,818.6	595.0	515.9	79.02	7.529	
6,850.0	6,563.0	6,872.3	6,547.8	40.1	40.1	145.51	-116.9	1,824.0	599.9	520.7	79.19	7.575	
6,900.0	6,612.9	6,920.7	6,596.2	40.2	40.1	-151.99	-118.2	1,825.4	604.8	525.5	79.25	7.631	
6,950.0	6,662.6	6,969.2	6,644.6	40.2	40.1	-118.35	-119.6	1,822.6	609.7	530.4	79.23	7.695	
7,000.0	6,711.7	7,017.8	6,692.6	40.1	40.1	-106.62	-121.1	1,815.8	614.5	535.4	79.11	7.767	
7,050.0	6,760.0	7,066.5	6,740.0	40.1	40.0	-101.05	-122.8	1,804.8	619.3	540.3	78.94	7.845	
7,100.0	6,807.0	7,115.4	6,786.5	39.9	39.9	-97.80	-124.5	1,789.9	623.9	545.2	78.70	7.927	
7,150.0	6,852.3	7,164.3	6,831.6	39.8	39.8	-95.64	-126.4	1,770.9	628.4	549.9	78.42	8.012	
7,200.0	6,895.7	7,213.5	6,875.0	39.6	39.6	-94.10	-128.3	1,748.2	632.7	554.5	78.12	8.098	
7,250.0	6,936.8	7,262.8	6,916.5	39.4	39.5	-92.95	-130.3	1,721.6	636.7	558.9	77.80	8.184	
7,300.0	6,975.2	7,312.2	6,955.7	39.3	39.3	-92.06	-132.3	1,691.5	640.5	563.0	77.49	8.266	
7,350.0	7,010.8	7,361.9	6,992.3	39.1	39.2	-91.35	-134.4	1,658.1	644.1	566.9	77.19	8.344	
7,400.0	7,043.1	7,411.7	7,025.9	38.9	39.1	-90.80	-136.5	1,621.4	647.3	570.4	76.93	8.414	
7,450.0	7,072.0	7,461.7	7,056.4	38.8	39.0	-90.37	-138.6	1,581.8	650.2	573.5	76.71	8.476	
7,500.0	7,097.3	7,511.9	7,083.3	38.6	38.9	-90.04	-140.8	1,539.5	652.7	576.2	76.55	8.527	
7,550.0	7,118.7	7,562.3	7,106.5	38.5	38.9	-89.80	-142.8	1,494.9	654.9	578.4	76.45	8.566	
7,600.0	7,136.2	7,612.9	7,125.8	38.4	38.9	-89.63	-144.9	1,448.2	656.7	580.2	76.43	8.592	
7,650.0	7,149.5	7,663.6	7,140.9	38.4	38.9	-89.55	-146.9	1,399.8	658.0	581.6	76.48	8.604	
7,700.0	7,158.5	7,714.5	7,151.8	38.4	39.0	-89.53	-148.8	1,350.1	659.0	582.4	76.61	8.602	
7,750.0	7,163.2	7,765.5	7,158.1	38.4	39.1	-89.57	-150.6	1,299.5	659.5	582.7	76.80	8.587	
7,782.8	7,164.0	7,799.2	7,159.9	38.5	39.2	-89.64	-151.7	1,266.0	659.6	582.7	76.97	8.570	
7,800.0	7,163.9	7,816.7	7,160.0	38.5	39.2	-89.66	-152.3	1,248.4	659.6	582.6	77.06	8.560	
7,900.0	7,163.3	7,916.7	7,159.4	38.7	39.7	-89.66	-155.5	1,148.5	659.6	581.8	77.81	8.477	
8,000.0	7,162.8	8,016.7	7,158.8	39.2	40.3	-89.65	-158.7	1,048.5	659.6	580.7	78.95	8.356	
8,100.0	7,162.2	8,116.7	7,158.2	39.8	41.1	-89.65	-162.0	948.6	659.6	579.2	80.45	8.199	
8,200.0	7,161.6	8,216.7	7,157.6	40.7	42.0	-89.65	-165.2	848.6	659.6	577.3	82.32	8.013	
8,300.0	7,161.1	8,316.7	7,157.0	41.7	43.1	-89.64	-168.4	748.7	659.7	575.1	84.52	7.805	
8,400.0	7,160.5	8,416.7	7,156.4	42.9	44.4	-89.64	-171.7	648.7	659.7	572.6	87.02	7.581	
8,500.0	7,159.9	8,516.7	7,155.8	44.2	45.8	-89.64	-174.9	548.8	659.7	569.9	89.80	7.346	
8,600.0	7,159.4	8,616.7	7,155.2	45.7	47.3	-89.64	-178.1	448.8	659.7	566.8	92.84	7.105	
8,700.0	7,158.8	8,716.7	7,154.6	47.3	49.0	-89.63	-181.3	348.9	659.7	563.6	96.12	6.863	
8,800.0	7,158.2	8,816.7	7,154.0	49.0	50.7	-89.63	-184.6	249.0	659.7	560.1	99.60	6.623	
8,900.0	7,157.7	8,916.7	7,153.4	50.8	52.6	-89.63	-187.8	149.0	659.7	556.4	103.26	6.388	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth S-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,000.0	7,157.1	9,016.7	7,152.8	52.7	54.5	-89.62	-191.0	49.1	659.7	552.6	107.10	6.160	
9,030.5	7,156.9	9,047.2	7,152.6	53.3	55.1	-89.62	-192.0	18.6	659.7	551.4	108.31	6.091	
9,100.0	7,156.6	9,068.9	7,152.5	54.6	55.5	-89.62	-192.7	-3.1	661.4	551.3	110.12	6.006 SF	
9,200.0	7,156.0	9,068.9	7,152.5	56.7	55.5	-89.62	-192.7	-3.1	676.0	563.9	112.17	6.027	
9,300.0	7,155.4	9,068.9	7,152.5	58.8	55.5	-89.62	-192.7	-3.1	704.7	590.4	114.29	6.166	
9,400.0	7,154.9	9,068.9	7,152.5	61.0	55.5	-89.62	-192.7	-3.1	745.8	629.3	116.47	6.403	
9,500.0	7,154.3	9,068.9	7,152.5	63.2	55.5	-89.62	-192.7	-3.1	797.3	678.6	118.69	6.718	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth T-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.94	-60.1	1.1	60.1				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-60.1	1.1	60.1	59.9	0.22	267.491	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-60.1	1.1	60.1	59.4	0.67	89.164	CC
300.0	300.0	300.0	300.0	0.6	0.6	105.26	-60.1	1.1	60.6	59.4	1.12	54.173	ES
400.0	399.8	399.8	399.8	0.8	0.8	109.88	-60.1	1.1	62.1	60.6	1.57	39.536	
500.0	499.5	499.5	499.5	1.0	1.0	116.97	-60.1	1.1	65.6	63.6	2.05	31.970	
600.0	598.7	598.7	598.7	1.3	1.2	125.50	-60.1	1.1	72.0	69.4	2.56	28.115	
700.0	697.5	697.5	697.5	1.7	1.5	134.22	-60.1	1.1	82.1	79.0	3.08	26.624	
800.0	795.6	795.6	795.6	2.0	1.7	142.13	-60.1	1.1	96.5	92.9	3.61	26.734	
900.0	893.1	893.1	893.1	2.5	1.9	148.77	-60.1	1.1	115.2	111.1	4.13	27.922	
1,000.0	989.6	989.6	989.6	3.0	2.1	154.10	-60.1	1.1	138.1	133.5	4.63	29.819	
1,091.5	1,077.2	1,080.6	1,080.5	3.5	2.3	157.85	-60.2	2.2	161.8	156.8	5.08	31.846	
1,100.0	1,085.3	1,089.1	1,089.1	3.6	2.3	158.15	-60.3	2.5	164.1	159.0	5.12	32.037	
1,200.0	1,180.5	1,190.3	1,190.1	4.2	2.5	160.72	-60.8	7.4	189.4	183.8	5.59	33.862	
1,300.0	1,275.7	1,293.1	1,292.6	4.8	2.8	162.07	-61.8	16.0	212.2	206.1	6.09	34.843	
1,400.0	1,370.9	1,397.4	1,396.2	5.4	3.0	162.58	-63.2	28.5	232.3	225.7	6.62	35.070	
1,500.0	1,466.1	1,502.9	1,500.3	6.0	3.3	162.46	-65.0	44.9	249.6	242.4	7.20	34.651	
1,600.0	1,561.3	1,609.3	1,604.7	6.7	3.6	161.83	-67.3	65.3	264.0	256.2	7.84	33.680	
1,700.0	1,656.5	1,716.3	1,708.9	7.3	4.0	160.73	-70.0	89.7	275.6	267.1	8.55	32.251	
1,800.0	1,751.7	1,823.7	1,812.4	7.9	4.5	159.20	-73.2	118.0	284.5	275.1	9.34	30.441	
1,900.0	1,846.8	1,931.1	1,914.8	8.6	5.0	157.23	-76.7	150.2	290.8	280.5	10.25	28.368	
2,000.0	1,942.0	2,035.1	2,012.8	9.2	5.7	154.93	-80.6	184.7	294.9	283.6	11.27	26.160	
2,100.0	2,037.2	2,134.3	2,106.1	9.9	6.3	152.70	-84.3	218.2	299.1	286.7	12.36	24.203	
2,200.0	2,132.4	2,233.6	2,199.4	10.5	6.9	150.54	-88.1	251.8	303.6	290.1	13.50	22.487	
2,300.0	2,227.6	2,332.8	2,292.7	11.2	7.6	148.44	-91.8	285.4	308.6	293.9	14.71	20.985	
2,400.0	2,322.8	2,432.0	2,386.0	11.8	8.2	146.41	-95.6	319.0	314.1	298.1	15.96	19.676	
2,500.0	2,418.0	2,531.3	2,479.4	12.4	8.9	144.45	-99.3	352.5	319.9	302.6	17.26	18.532	
2,600.0	2,513.2	2,630.5	2,572.7	13.1	9.6	142.56	-103.1	386.1	326.0	307.4	18.59	17.535	
2,700.0	2,608.4	2,729.7	2,666.0	13.7	10.3	140.74	-106.8	419.7	332.5	312.6	19.96	16.662	
2,800.0	2,703.6	2,829.0	2,759.3	14.4	11.0	139.00	-110.5	453.2	339.3	318.0	21.35	15.897	
2,900.0	2,798.8	2,928.2	2,852.6	15.0	11.7	137.32	-114.3	486.8	346.5	323.7	22.76	15.225	
3,000.0	2,894.0	3,027.4	2,945.9	15.7	12.4	135.71	-118.0	520.4	353.9	329.7	24.18	14.633	
3,100.0	2,989.2	3,126.7	3,039.2	16.3	13.1	134.17	-121.8	554.0	361.6	335.9	25.63	14.110	
3,200.0	3,084.4	3,225.9	3,132.5	17.0	13.8	132.69	-125.5	587.5	369.5	342.4	27.08	13.647	
3,300.0	3,179.6	3,325.2	3,225.8	17.6	14.5	131.28	-129.3	621.1	377.7	349.1	28.54	13.235	
3,400.0	3,274.8	3,424.4	3,319.2	18.3	15.2	129.92	-133.0	654.7	386.1	356.1	30.00	12.869	
3,500.0	3,370.0	3,523.6	3,412.5	18.9	15.9	128.63	-136.8	688.2	394.7	363.2	31.47	12.542	
3,600.0	3,465.2	3,622.9	3,505.8	19.5	16.6	127.39	-140.5	721.8	403.5	370.5	32.94	12.248	
3,700.0	3,560.4	3,722.1	3,599.1	20.2	17.3	126.20	-144.3	755.4	412.4	378.0	34.41	11.985	
3,800.0	3,655.6	3,821.3	3,692.4	20.8	18.0	125.06	-148.0	788.9	421.6	385.7	35.88	11.749	
3,900.0	3,750.8	3,920.6	3,785.7	21.5	18.8	123.97	-151.7	822.5	430.9	393.5	37.36	11.535	
4,000.0	3,846.0	4,019.8	3,879.0	22.1	19.5	122.93	-155.5	856.1	440.3	401.5	38.82	11.342	
4,100.0	3,941.2	4,119.1	3,972.3	22.8	20.2	121.93	-159.2	889.7	449.9	409.7	40.29	11.167	
4,200.0	4,036.4	4,218.3	4,065.6	23.4	20.9	120.97	-163.0	923.2	459.7	417.9	41.76	11.008	
4,300.0	4,131.6	4,317.5	4,159.0	24.1	21.6	120.06	-166.7	956.8	469.5	426.3	43.22	10.864	
4,400.0	4,226.8	4,416.8	4,252.3	24.7	22.4	119.18	-170.5	990.4	479.5	434.8	44.67	10.733	
4,500.0	4,322.0	4,516.0	4,345.6	25.4	23.1	118.33	-174.2	1,023.9	489.5	443.4	46.13	10.612	
4,600.0	4,417.2	4,615.2	4,438.9	26.0	23.8	117.52	-178.0	1,057.5	499.7	452.1	47.58	10.503	
4,700.0	4,512.4	4,714.5	4,532.2	26.7	24.5	116.74	-181.7	1,091.1	510.0	460.9	49.03	10.402	
4,800.0	4,607.6	4,813.7	4,625.5	27.3	25.2	116.00	-185.4	1,124.7	520.3	469.9	50.47	10.310	
4,900.0	4,702.8	4,912.9	4,718.8	28.0	25.9	115.28	-189.2	1,158.2	530.8	478.9	51.91	10.225	
5,000.0	4,798.0	5,012.2	4,812.1	28.6	26.7	114.59	-192.9	1,191.8	541.3	487.9	53.34	10.147	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth T-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,100.0	4,893.1	5,111.4	4,905.4	29.3	27.4	113.92	-196.7	1,225.4	551.9	497.1	54.77	10.076	
5,200.0	4,988.3	5,210.7	4,998.8	29.9	28.1	113.29	-200.4	1,258.9	562.5	506.3	56.20	10.010	
5,300.0	5,083.5	5,309.9	5,092.1	30.5	28.8	112.67	-204.2	1,292.5	573.3	515.6	57.62	9.949	
5,400.0	5,178.7	5,409.1	5,185.4	31.2	29.6	112.08	-207.9	1,326.1	584.1	525.0	59.04	9.892	
5,500.0	5,273.9	5,508.4	5,278.7	31.8	30.3	111.51	-211.7	1,359.6	594.9	534.5	60.46	9.840	
5,600.0	5,369.1	5,607.6	5,372.0	32.5	31.0	110.96	-215.4	1,393.2	605.8	544.0	61.87	9.792	
5,700.0	5,464.3	5,706.8	5,465.3	33.1	31.7	110.43	-219.2	1,426.8	616.8	553.5	63.28	9.747	
5,800.0	5,559.5	5,806.1	5,558.6	33.8	32.4	109.91	-222.9	1,460.4	627.8	563.1	64.69	9.705	
5,900.0	5,654.7	5,905.3	5,651.9	34.4	33.2	109.42	-226.6	1,493.9	638.9	572.8	66.09	9.666	
6,000.0	5,749.9	6,004.6	5,745.2	35.1	33.9	108.94	-230.4	1,527.5	650.0	582.5	67.49	9.631	
6,100.0	5,845.1	6,103.8	5,838.6	35.7	34.6	108.48	-234.1	1,561.1	661.1	592.2	68.89	9.597	
6,200.0	5,940.3	6,203.0	5,931.9	36.4	35.3	108.03	-237.9	1,594.6	672.3	602.0	70.28	9.566	
6,300.0	6,035.5	6,302.3	6,025.2	37.0	36.1	107.60	-241.6	1,628.2	683.6	611.9	71.67	9.537	
6,400.0	6,130.7	6,401.5	6,118.5	37.7	36.8	107.18	-245.4	1,661.8	694.8	621.8	73.06	9.510	
6,500.0	6,225.9	6,500.7	6,211.8	38.3	37.5	106.78	-249.1	1,695.4	706.1	631.7	74.45	9.485	
6,600.0	6,321.1	6,600.0	6,305.1	39.0	38.2	106.38	-252.9	1,728.9	717.5	641.6	75.83	9.461	
6,705.9	6,421.9	6,705.1	6,404.0	39.7	39.0	105.98	-256.8	1,764.5	729.5	652.2	77.29	9.438	
6,750.0	6,464.4	6,748.7	6,445.0	39.9	39.3	110.41	-258.5	1,779.2	734.5	656.6	77.83	9.437	SF
6,800.0	6,513.4	6,797.0	6,490.4	40.0	39.7	119.99	-260.3	1,795.5	740.0	661.6	78.35	9.445	
6,850.0	6,563.0	6,842.3	6,533.8	40.1	39.9	146.73	-262.1	1,808.5	745.5	666.8	78.69	9.475	
6,900.0	6,612.9	6,888.3	6,578.7	40.2	40.0	-151.31	-264.1	1,818.1	751.2	672.3	78.91	9.520	
6,950.0	6,662.6	6,935.0	6,624.9	40.2	40.1	-118.22	-266.3	1,824.1	757.1	678.0	79.04	9.579	
7,000.0	6,711.7	6,982.5	6,672.3	40.1	40.2	-107.03	-268.7	1,826.4	763.0	683.9	79.06	9.650	
7,050.0	6,760.0	7,030.8	6,720.5	40.1	40.2	-101.99	-271.3	1,824.6	768.9	689.9	79.00	9.733	
7,100.0	6,807.0	7,080.0	6,769.3	39.9	40.2	-99.26	-274.0	1,818.7	774.9	696.0	78.86	9.825	
7,150.0	6,852.3	7,130.3	6,818.3	39.8	40.1	-97.62	-276.9	1,808.3	780.8	702.1	78.65	9.927	
7,200.0	6,895.7	7,181.5	6,867.2	39.6	40.0	-96.58	-279.9	1,793.4	786.6	708.2	78.39	10.034	
7,250.0	6,936.8	7,233.9	6,915.6	39.4	39.9	-95.91	-283.1	1,773.6	792.2	714.1	78.08	10.146	
7,300.0	6,975.2	7,287.5	6,963.0	39.3	39.7	-95.48	-286.3	1,748.9	797.7	719.9	77.74	10.261	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth U-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.94	-75.0	1.4	75.1				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-75.0	1.4	75.1	74.8	0.22	333.958	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-75.0	1.4	75.1	74.4	0.67	111.319	CC
300.0	300.0	300.0	300.0	0.6	0.6	104.94	-75.0	1.4	75.5	74.4	1.12	67.536	ES
400.0	399.8	399.8	399.8	0.8	0.8	108.67	-75.0	1.4	77.0	75.4	1.57	49.012	
500.0	499.5	499.5	499.5	1.0	1.0	114.50	-75.0	1.4	80.2	78.2	2.05	39.113	
600.0	598.7	598.7	598.7	1.3	1.2	121.76	-75.0	1.4	86.0	83.5	2.56	33.602	
700.0	697.5	697.5	697.5	1.7	1.5	129.59	-75.0	1.4	95.2	92.2	3.09	30.823	
800.0	795.6	795.6	795.6	2.0	1.7	137.13	-75.0	1.4	108.5	104.9	3.63	29.916	
900.0	893.1	895.1	895.1	2.5	1.9	143.33	-75.3	2.9	125.3	121.2	4.15	30.202	
1,000.0	989.6	995.2	995.0	3.0	2.1	147.61	-76.3	7.9	144.3	139.6	4.66	30.933	
1,091.5	1,077.2	1,087.2	1,086.8	3.5	2.3	150.26	-77.7	15.5	163.1	157.9	5.16	31.619	
1,100.0	1,085.3	1,095.8	1,095.3	3.6	2.3	150.48	-77.8	16.4	164.9	159.7	5.20	31.689	
1,200.0	1,180.5	1,197.4	1,196.1	4.2	2.6	152.20	-80.0	28.5	184.9	179.1	5.76	32.080	
1,300.0	1,275.7	1,300.0	1,297.5	4.8	2.8	152.78	-82.9	44.2	202.9	196.5	6.38	31.810	
1,400.0	1,370.9	1,403.5	1,399.0	5.4	3.2	152.50	-86.5	63.7	218.7	211.6	7.06	30.959	
1,500.0	1,466.1	1,507.5	1,500.3	6.0	3.6	151.51	-90.8	86.9	232.3	224.4	7.84	29.637	
1,600.0	1,561.3	1,611.7	1,600.9	6.7	4.1	149.92	-95.8	113.7	243.8	235.1	8.72	27.958	
1,700.0	1,656.5	1,716.0	1,700.5	7.3	4.6	147.77	-101.4	144.2	253.5	243.8	9.74	26.038	
1,800.0	1,751.7	1,819.0	1,797.7	7.9	5.2	145.12	-107.6	177.7	261.7	250.8	10.89	24.032	
1,900.0	1,846.8	1,917.9	1,890.7	8.6	5.9	142.53	-113.7	210.9	269.8	257.7	12.11	22.272	
2,000.0	1,942.0	2,016.9	1,983.6	9.2	6.5	140.09	-119.8	244.2	278.4	265.0	13.39	20.790	
2,100.0	2,037.2	2,115.8	2,076.6	9.9	7.2	137.80	-125.9	277.4	287.5	272.8	14.71	19.545	
2,200.0	2,132.4	2,214.8	2,169.6	10.5	7.9	135.65	-132.1	310.6	297.1	281.0	16.06	18.495	
2,300.0	2,227.6	2,313.7	2,262.6	11.2	8.5	133.64	-138.2	343.9	307.0	289.6	17.44	17.607	
2,400.0	2,322.8	2,412.6	2,355.6	11.8	9.2	131.75	-144.3	377.1	317.3	298.5	18.83	16.852	
2,500.0	2,418.0	2,511.6	2,448.6	12.4	9.9	129.99	-150.5	410.3	327.9	307.7	20.23	16.207	
2,600.0	2,513.2	2,610.5	2,541.6	13.1	10.6	128.33	-156.6	443.6	338.8	317.2	21.65	15.653	
2,700.0	2,608.4	2,709.4	2,634.5	13.7	11.3	126.78	-162.7	476.8	350.0	326.9	23.06	15.175	
2,800.0	2,703.6	2,808.4	2,727.5	14.4	12.0	125.32	-168.8	510.0	361.4	336.9	24.49	14.760	
2,900.0	2,798.8	2,907.3	2,820.5	15.0	12.8	123.95	-175.0	543.3	373.0	347.1	25.91	14.398	
3,000.0	2,894.0	3,006.2	2,913.5	15.7	13.5	122.67	-181.1	576.5	384.9	357.5	27.33	14.081	
3,100.0	2,989.2	3,105.2	3,006.5	16.3	14.2	121.46	-187.2	609.8	396.9	368.1	28.75	13.802	
3,200.0	3,084.4	3,204.1	3,099.5	17.0	14.9	120.33	-193.4	643.0	409.0	378.9	30.17	13.556	
3,300.0	3,179.6	3,303.1	3,192.5	17.6	15.6	119.25	-199.5	676.2	421.4	389.8	31.59	13.338	
3,400.0	3,274.8	3,402.0	3,285.4	18.3	16.3	118.24	-205.6	709.5	433.8	400.8	33.00	13.144	
3,500.0	3,370.0	3,500.9	3,378.4	18.9	17.1	117.29	-211.8	742.7	446.4	412.0	34.42	12.971	
3,600.0	3,465.2	3,599.9	3,471.4	19.5	17.8	116.39	-217.9	775.9	459.1	423.3	35.82	12.815	
3,700.0	3,560.4	3,698.8	3,564.4	20.2	18.5	115.53	-224.0	809.2	471.9	434.7	37.23	12.676	
3,800.0	3,655.6	3,797.7	3,657.4	20.8	19.2	114.73	-230.1	842.4	484.8	446.2	38.63	12.550	
3,900.0	3,750.8	3,896.7	3,750.4	21.5	19.9	113.96	-236.3	875.6	497.8	457.8	40.03	12.436	
4,000.0	3,846.0	3,995.6	3,843.4	22.1	20.6	113.23	-242.4	908.9	510.9	469.5	41.42	12.333	
4,100.0	3,941.2	4,094.6	3,936.3	22.8	21.4	112.54	-248.5	942.1	524.0	481.2	42.81	12.240	
4,200.0	4,036.4	4,193.5	4,029.3	23.4	22.1	111.89	-254.7	975.4	537.3	493.1	44.20	12.155	
4,300.0	4,131.6	4,292.4	4,122.3	24.1	22.8	111.26	-260.8	1,008.6	550.6	505.0	45.59	12.077	
4,400.0	4,226.8	4,391.4	4,215.3	24.7	23.5	110.66	-266.9	1,041.8	563.9	516.9	46.97	12.006	
4,500.0	4,322.0	4,490.3	4,308.3	25.4	24.3	110.09	-273.0	1,075.1	577.3	529.0	48.35	11.941	
4,600.0	4,417.2	4,589.2	4,401.3	26.0	25.0	109.55	-279.2	1,108.3	590.8	541.1	49.72	11.881	
4,700.0	4,512.4	4,688.2	4,494.3	26.7	25.7	109.03	-285.3	1,141.5	604.3	553.2	51.10	11.827	
4,800.0	4,607.6	4,787.1	4,587.2	27.3	26.4	108.54	-291.4	1,174.8	617.9	565.4	52.47	11.776	
4,900.0	4,702.8	4,886.1	4,680.2	28.0	27.2	108.06	-297.6	1,208.0	631.5	577.6	53.84	11.729	
5,000.0	4,798.0	4,985.0	4,773.2	28.6	27.9	107.61	-303.7	1,241.2	645.1	589.9	55.20	11.686	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth U-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,100.0	4,893.1	5,083.9	4,866.2	29.3	28.6	107.17	-309.8	1,274.5	658.8	602.2	56.57	11.647	
5,200.0	4,988.3	5,182.9	4,959.2	29.9	29.3	106.75	-315.9	1,307.7	672.5	614.6	57.93	11.610	
5,300.0	5,083.5	5,281.8	5,052.2	30.5	30.0	106.35	-322.1	1,341.0	686.3	627.0	59.29	11.575	
5,400.0	5,178.7	5,380.7	5,145.2	31.2	30.8	105.97	-328.2	1,374.2	700.1	639.4	60.65	11.544	
5,500.0	5,273.9	5,479.7	5,238.1	31.8	31.5	105.60	-334.3	1,407.4	713.9	651.9	62.00	11.514	
5,600.0	5,369.1	5,578.6	5,331.1	32.5	32.2	105.24	-340.5	1,440.7	727.7	664.4	63.35	11.487	
5,700.0	5,464.3	5,677.5	5,424.1	33.1	32.9	104.90	-346.6	1,473.9	741.6	676.9	64.71	11.461	
5,800.0	5,559.5	5,776.5	5,517.1	33.8	33.7	104.56	-352.7	1,507.1	755.5	689.4	66.06	11.437	
5,900.0	5,654.7	5,875.4	5,610.1	34.4	34.4	104.25	-358.9	1,540.4	769.4	702.0	67.41	11.415	
6,000.0	5,749.9	5,974.4	5,703.1	35.1	35.1	103.94	-365.0	1,573.6	783.4	714.6	68.75	11.394	
6,100.0	5,845.1	6,073.3	5,796.1	35.7	35.8	103.64	-371.1	1,606.8	797.3	727.2	70.10	11.374	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth V-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.94	-90.0	1.7	90.0				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-90.0	1.7	90.0	89.8	0.22	400.426	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-90.0	1.7	90.0	89.3	0.67	133.475	CC
300.0	300.0	300.0	300.0	0.6	0.6	104.72	-90.0	1.7	90.4	89.3	1.12	80.900	ES
400.0	399.8	399.8	399.8	0.8	0.8	107.85	-90.0	1.7	91.9	90.3	1.57	58.503	
500.0	499.5	499.5	499.5	1.0	1.0	112.79	-90.0	1.7	94.9	92.9	2.05	46.307	
600.0	598.7	598.7	598.7	1.3	1.2	119.09	-90.0	1.7	100.3	97.8	2.56	39.193	
700.0	697.5	697.7	697.7	1.7	1.4	125.25	-90.5	3.3	108.7	105.7	3.08	35.315	
800.0	795.6	796.9	796.8	2.0	1.6	130.09	-92.1	8.1	120.1	116.4	3.61	33.213	
900.0	893.1	896.4	895.9	2.5	1.9	133.66	-94.7	16.2	133.8	129.6	4.19	31.940	
1,000.0	989.6	996.0	994.7	3.0	2.1	136.15	-98.4	27.7	149.7	144.9	4.82	31.081	
1,091.5	1,077.2	1,087.3	1,084.9	3.5	2.4	137.66	-102.8	41.0	165.9	160.4	5.45	30.444	
1,100.0	1,085.3	1,095.8	1,093.3	3.6	2.4	137.78	-103.2	42.4	167.4	161.9	5.51	30.400	
1,200.0	1,180.5	1,195.9	1,191.6	4.2	2.7	138.55	-109.1	60.4	185.3	179.1	6.26	29.589	
1,300.0	1,275.7	1,296.4	1,289.5	4.8	3.2	138.21	-116.0	81.8	202.3	195.2	7.11	28.438	
1,400.0	1,370.9	1,397.0	1,386.8	5.4	3.6	137.03	-124.0	106.4	218.3	210.2	8.07	27.043	
1,500.0	1,466.1	1,497.6	1,483.0	6.0	4.2	135.16	-133.0	134.3	233.5	224.4	9.15	25.517	
1,600.0	1,561.3	1,597.5	1,577.5	6.7	4.8	132.76	-143.0	165.1	248.3	237.9	10.36	23.978	
1,700.0	1,656.5	1,695.8	1,670.1	7.3	5.4	130.42	-153.2	196.5	263.3	251.6	11.62	22.661	
1,800.0	1,751.7	1,794.1	1,762.7	7.9	6.1	128.32	-163.4	227.8	278.6	265.7	12.91	21.588	
1,900.0	1,846.8	1,892.5	1,855.4	8.6	6.7	126.45	-173.6	259.2	294.3	280.1	14.21	20.709	
2,000.0	1,942.0	1,990.8	1,948.0	9.2	7.4	124.77	-183.7	290.5	310.2	294.7	15.53	19.981	
2,100.0	2,037.2	2,089.1	2,040.7	9.9	8.1	123.25	-193.9	321.9	326.4	309.6	16.85	19.373	
2,200.0	2,132.4	2,187.4	2,133.3	10.5	8.8	121.87	-204.1	353.2	342.8	324.6	18.18	18.860	
2,300.0	2,227.6	2,285.8	2,225.9	11.2	9.4	120.62	-214.3	384.6	359.4	339.9	19.51	18.424	
2,400.0	2,322.8	2,384.1	2,318.6	11.8	10.1	119.48	-224.4	415.9	376.1	355.3	20.84	18.049	
2,500.0	2,418.0	2,482.4	2,411.2	12.4	10.8	118.44	-234.6	447.2	393.0	370.8	22.17	17.726	
2,600.0	2,513.2	2,580.7	2,503.9	13.1	11.5	117.48	-244.8	478.6	409.9	386.4	23.50	17.445	
2,700.0	2,608.4	2,679.1	2,596.5	13.7	12.2	116.60	-255.0	509.9	427.0	402.2	24.83	17.198	
2,800.0	2,703.6	2,777.4	2,689.1	14.4	12.9	115.78	-265.1	541.3	444.2	418.0	26.16	16.981	
2,900.0	2,798.8	2,875.7	2,781.8	15.0	13.6	115.03	-275.3	572.6	461.4	433.9	27.48	16.789	
3,000.0	2,894.0	2,974.1	2,874.4	15.7	14.3	114.33	-285.5	604.0	478.7	449.9	28.81	16.617	
3,100.0	2,989.2	3,072.4	2,967.0	16.3	15.0	113.68	-295.7	635.3	496.1	466.0	30.13	16.463	
3,200.0	3,084.4	3,170.7	3,059.7	17.0	15.7	113.07	-305.8	666.7	513.6	482.1	31.46	16.325	
3,300.0	3,179.6	3,269.0	3,152.3	17.6	16.4	112.51	-316.0	698.0	531.1	498.3	32.78	16.201	
3,400.0	3,274.8	3,367.4	3,245.0	18.3	17.1	111.98	-326.2	729.4	548.6	514.5	34.10	16.088	
3,500.0	3,370.0	3,465.7	3,337.6	18.9	17.8	111.48	-336.4	760.7	566.2	530.8	35.42	15.985	
3,600.0	3,465.2	3,564.0	3,430.2	19.5	18.5	111.01	-346.5	792.1	583.8	547.1	36.74	15.892	
3,700.0	3,560.4	3,662.3	3,522.9	20.2	19.2	110.57	-356.7	823.4	601.5	563.4	38.05	15.806	
3,800.0	3,655.6	3,760.7	3,615.5	20.8	20.0	110.16	-366.9	854.8	619.2	579.8	39.37	15.727	
3,900.0	3,750.8	3,859.0	3,708.2	21.5	20.7	109.76	-377.1	886.1	636.9	596.2	40.68	15.654	
4,000.0	3,846.0	3,957.3	3,800.8	22.1	21.4	109.39	-387.3	917.5	654.6	612.6	42.00	15.587	
4,100.0	3,941.2	4,055.6	3,893.4	22.8	22.1	109.04	-397.4	948.8	672.4	629.1	43.31	15.526	
4,200.0	4,036.4	4,154.0	3,986.1	23.4	22.8	108.71	-407.6	980.1	690.2	645.6	44.62	15.468	
4,300.0	4,131.6	4,252.3	4,078.7	24.1	23.5	108.39	-417.8	1,011.5	708.0	662.1	45.93	15.415	
4,400.0	4,226.8	4,350.6	4,171.3	24.7	24.2	108.09	-428.0	1,042.8	725.9	678.6	47.24	15.365	
4,500.0	4,322.0	4,448.9	4,264.0	25.4	24.9	107.80	-438.1	1,074.2	743.7	695.2	48.55	15.318	
4,600.0	4,417.2	4,547.3	4,356.6	26.0	25.6	107.53	-448.3	1,105.5	761.6	711.7	49.86	15.275	
4,700.0	4,512.4	4,645.6	4,449.3	26.7	26.3	107.27	-458.5	1,136.9	779.5	728.3	51.17	15.234	
4,800.0	4,607.6	4,743.9	4,541.9	27.3	27.0	107.02	-468.7	1,168.2	797.4	744.9	52.47	15.196	SF

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth W-8-7HC - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	179.09	-104.9	1.7	104.9				
100.0	100.0	100.0	100.0	0.1	0.1	179.09	-104.9	1.7	104.9	104.7	0.22	466.854	
200.0	200.0	200.0	200.0	0.3	0.3	179.09	-104.9	1.7	104.9	104.3	0.67	155.618	CC
300.0	300.0	300.0	300.0	0.6	0.6	104.72	-104.9	1.7	105.4	104.2	1.12	94.260	ES
400.0	399.8	399.8	399.8	0.8	0.8	107.41	-104.9	1.7	106.8	105.2	1.57	68.005	
500.0	499.5	498.4	498.4	1.0	1.0	110.79	-105.6	3.2	110.2	108.2	2.03	54.257	
600.0	598.7	597.0	596.9	1.3	1.2	113.83	-107.5	7.9	116.2	113.7	2.52	46.049	
700.0	697.5	695.7	695.1	1.7	1.4	116.40	-110.8	15.7	124.7	121.6	3.07	40.551	
800.0	795.6	794.2	793.0	2.0	1.7	118.45	-115.3	26.7	135.5	131.8	3.70	36.671	
900.0	893.1	892.6	890.2	2.5	2.0	119.98	-121.1	40.7	148.7	144.3	4.40	33.794	
1,000.0	989.6	990.9	986.7	3.0	2.3	121.05	-128.2	57.7	164.1	158.9	5.20	31.565	
1,091.5	1,077.2	1,080.5	1,074.1	3.5	2.7	121.68	-135.8	76.0	180.1	174.0	6.02	29.901	
1,100.0	1,085.3	1,088.8	1,082.2	3.6	2.8	121.75	-136.5	77.8	181.6	175.5	6.10	29.772	
1,200.0	1,180.5	1,186.6	1,176.8	4.2	3.2	121.94	-146.1	100.8	200.2	193.1	7.09	28.218	
1,300.0	1,275.7	1,284.3	1,270.3	4.8	3.8	121.21	-156.8	126.7	219.0	210.8	8.18	26.772	
1,400.0	1,370.9	1,381.8	1,362.7	5.4	4.4	119.81	-168.8	155.4	238.1	228.7	9.35	25.464	
1,500.0	1,466.1	1,479.7	1,455.2	6.0	5.0	118.41	-181.1	185.1	257.5	246.9	10.57	24.358	
1,600.0	1,561.3	1,577.6	1,547.7	6.7	5.7	117.20	-193.4	214.7	277.0	265.2	11.81	23.458	
1,700.0	1,656.5	1,675.5	1,640.2	7.3	6.3	116.16	-205.7	244.3	296.6	283.5	13.05	22.720	
1,800.0	1,751.7	1,773.5	1,732.8	7.9	7.0	115.24	-218.0	274.0	316.3	301.9	14.31	22.105	
1,900.0	1,846.8	1,871.4	1,825.3	8.6	7.7	114.43	-230.3	303.6	336.0	320.4	15.57	21.587	
2,000.0	1,942.0	1,969.3	1,917.8	9.2	8.3	113.71	-242.6	333.2	355.8	339.0	16.83	21.145	
2,100.0	2,037.2	2,067.2	2,010.3	9.9	9.0	113.07	-254.9	362.9	375.7	357.6	18.09	20.765	
2,200.0	2,132.4	2,165.2	2,102.8	10.5	9.7	112.49	-267.2	392.5	395.6	376.2	19.36	20.435	
2,300.0	2,227.6	2,263.1	2,195.3	11.2	10.4	111.96	-279.5	422.2	415.5	394.9	20.63	20.146	
2,400.0	2,322.8	2,361.0	2,287.9	11.8	11.0	111.49	-291.8	451.8	435.5	413.6	21.89	19.891	
2,500.0	2,418.0	2,458.9	2,380.4	12.4	11.7	111.05	-304.1	481.4	455.5	432.3	23.16	19.664	
2,600.0	2,513.2	2,556.9	2,472.9	13.1	12.4	110.66	-316.4	511.1	475.5	451.1	24.43	19.462	
2,700.0	2,608.4	2,654.8	2,565.4	13.7	13.1	110.29	-328.7	540.7	495.5	469.8	25.70	19.280	
2,800.0	2,703.6	2,752.7	2,657.9	14.4	13.8	109.95	-341.0	570.4	515.6	488.6	26.97	19.115	
2,900.0	2,798.8	2,850.6	2,750.4	15.0	14.5	109.64	-353.4	600.0	535.7	507.4	28.24	18.966	
3,000.0	2,894.0	2,948.6	2,843.0	15.7	15.2	109.35	-365.7	629.6	555.7	526.2	29.51	18.830	
3,100.0	2,989.2	3,046.5	2,935.5	16.3	15.8	109.08	-378.0	659.3	575.8	545.0	30.78	18.706	
3,200.0	3,084.4	3,144.4	3,028.0	17.0	16.5	108.83	-390.3	688.9	595.9	563.9	32.05	18.592	
3,300.0	3,179.6	3,242.3	3,120.5	17.6	17.2	108.60	-402.6	718.5	616.1	582.7	33.32	18.487	
3,400.0	3,274.8	3,340.3	3,213.0	18.3	17.9	108.38	-414.9	748.2	636.2	601.6	34.59	18.390	
3,500.0	3,370.0	3,438.2	3,305.5	18.9	18.6	108.17	-427.2	777.8	656.3	620.5	35.86	18.300	
3,600.0	3,465.2	3,536.1	3,398.1	19.5	19.3	107.98	-439.5	807.5	676.5	639.3	37.13	18.217	
3,700.0	3,560.4	3,634.0	3,490.6	20.2	20.0	107.79	-451.8	837.1	696.6	658.2	38.40	18.139	
3,800.0	3,655.6	3,732.0	3,583.1	20.8	20.7	107.62	-464.1	866.7	716.8	677.1	39.67	18.066	
3,900.0	3,750.8	3,829.9	3,675.6	21.5	21.3	107.46	-476.4	896.4	736.9	696.0	40.94	17.998	
4,000.0	3,846.0	3,927.8	3,768.1	22.1	22.0	107.30	-488.7	926.0	757.1	714.9	42.22	17.935	
4,100.0	3,941.2	4,025.7	3,860.7	22.8	22.7	107.16	-501.0	955.7	777.3	733.8	43.48	17.875	
4,200.0	4,036.4	4,123.7	3,953.2	23.4	23.4	107.02	-513.3	985.3	797.5	752.7	44.75	17.818	SF

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth X-8-7HN - Wellbore #1 - Plan #2 (10-05-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	179.07	-119.9	1.9	119.9				
100.0	100.0	100.0	100.0	0.1	0.1	179.07	-119.9	1.9	119.9	119.7	0.22	533.339	
200.0	200.0	200.0	200.0	0.3	0.3	179.07	-119.9	1.9	119.9	119.2	0.67	177.780	CC, ES
300.0	300.0	298.1	298.1	0.6	0.5	103.85	-120.6	3.5	121.1	120.0	1.10	110.138	
400.0	399.8	396.2	396.0	0.8	0.8	104.00	-122.8	8.0	124.6	123.1	1.54	80.890	
500.0	499.5	494.0	493.5	1.0	1.0	104.24	-126.5	15.5	130.6	128.6	2.03	64.212	
600.0	598.7	591.7	590.4	1.3	1.3	104.54	-131.6	26.0	138.9	136.4	2.59	53.614	
700.0	697.5	689.0	686.6	1.7	1.6	104.85	-138.2	39.3	149.6	146.4	3.23	46.357	
800.0	795.6	785.9	781.8	2.0	2.0	105.16	-146.1	55.6	162.7	158.7	3.96	41.127	
900.0	893.1	882.3	875.8	2.5	2.4	105.44	-155.4	74.6	178.0	173.2	4.78	37.218	
1,000.0	989.6	978.2	968.6	3.0	2.9	105.67	-166.0	96.3	195.7	190.0	5.72	34.217	
1,091.5	1,077.2	1,065.4	1,052.3	3.5	3.4	105.84	-176.9	118.5	213.8	207.1	6.67	32.037	
1,100.0	1,085.3	1,073.4	1,060.0	3.6	3.4	105.89	-177.9	120.6	215.6	208.8	6.77	31.862	
1,200.0	1,180.5	1,168.2	1,149.8	4.2	4.0	105.98	-191.1	147.5	237.2	229.3	7.90	30.030	
1,300.0	1,275.7	1,265.3	1,241.4	4.8	4.7	105.66	-205.4	176.7	259.5	250.4	9.09	28.546	
1,400.0	1,370.9	1,362.8	1,333.2	5.4	5.4	105.39	-219.7	206.0	281.8	271.5	10.30	27.354	
1,500.0	1,466.1	1,460.3	1,425.1	6.0	6.0	105.15	-234.1	235.3	304.2	292.6	11.52	26.392	
1,600.0	1,561.3	1,557.7	1,516.9	6.7	6.7	104.95	-248.4	264.6	326.5	313.8	12.76	25.598	
1,700.0	1,656.5	1,655.2	1,608.8	7.3	7.4	104.78	-262.7	293.9	348.9	334.9	13.99	24.932	
1,800.0	1,751.7	1,752.6	1,700.6	7.9	8.1	104.62	-277.1	323.2	371.2	356.0	15.23	24.368	
1,900.0	1,846.8	1,850.1	1,792.5	8.6	8.8	104.49	-291.4	352.5	393.6	377.1	16.48	23.885	
2,000.0	1,942.0	1,947.6	1,884.3	9.2	9.5	104.36	-305.7	381.8	415.9	398.2	17.73	23.465	
2,100.0	2,037.2	2,045.0	1,976.2	9.9	10.2	104.26	-320.1	411.1	438.3	419.3	18.97	23.099	
2,200.0	2,132.4	2,142.5	2,068.0	10.5	10.9	104.16	-334.4	440.4	460.6	440.4	20.23	22.775	
2,300.0	2,227.6	2,240.0	2,159.8	11.2	11.6	104.07	-348.8	469.7	483.0	461.5	21.48	22.488	
2,400.0	2,322.8	2,337.4	2,251.7	11.8	12.3	103.99	-363.1	499.0	505.4	482.6	22.73	22.232	
2,500.0	2,418.0	2,434.9	2,343.5	12.4	13.0	103.91	-377.4	528.3	527.7	503.7	23.99	22.002	
2,600.0	2,513.2	2,532.4	2,435.4	13.1	13.7	103.84	-391.8	557.6	550.1	524.9	25.24	21.793	
2,700.0	2,608.4	2,629.8	2,527.2	13.7	14.4	103.78	-406.1	586.9	572.5	546.0	26.50	21.604	
2,800.0	2,703.6	2,727.3	2,619.1	14.4	15.1	103.72	-420.4	616.2	594.8	567.1	27.75	21.432	
2,900.0	2,798.8	2,824.8	2,710.9	15.0	15.8	103.67	-434.8	645.5	617.2	588.2	29.01	21.274	
3,000.0	2,894.0	2,922.2	2,802.8	15.7	16.5	103.61	-449.1	674.8	639.6	609.3	30.27	21.129	
3,100.0	2,989.2	3,019.7	2,894.6	16.3	17.2	103.57	-463.5	704.1	661.9	630.4	31.53	20.996	
3,200.0	3,084.4	3,117.2	2,986.4	17.0	17.9	103.52	-477.8	733.4	684.3	651.5	32.79	20.872	
3,300.0	3,179.6	3,214.6	3,078.3	17.6	18.6	103.48	-492.1	762.7	706.7	672.6	34.04	20.757	
3,400.0	3,274.8	3,312.1	3,170.1	18.3	19.3	103.44	-506.5	792.0	729.0	693.7	35.30	20.651	
3,500.0	3,370.0	3,409.6	3,262.0	18.9	20.0	103.41	-520.8	821.2	751.4	714.8	36.56	20.551	
3,600.0	3,465.2	3,507.0	3,353.8	19.5	20.7	103.37	-535.2	850.5	773.8	736.0	37.82	20.459	
3,700.0	3,560.4	3,604.5	3,445.7	20.2	21.4	103.34	-549.5	879.8	796.1	757.1	39.08	20.372	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Existing Wells Sec.8-T6N-R66W - Guttersen 2 (P&A) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 7360-UNKNOWN

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-32.75	652.5	-419.7	776.1				
100.0	100.0	79.0	79.0	0.1	1.6	-32.75	652.5	-419.7	775.8	774.1	1.69	458.355	
200.0	200.0	179.0	179.0	0.3	3.6	-32.75	652.5	-419.7	775.8	771.9	3.92	198.043	
300.0	300.0	279.0	279.0	0.6	5.6	-108.14	652.5	-419.7	776.3	770.2	6.13	126.555	
400.0	399.8	378.8	378.8	0.8	7.6	-108.47	652.5	-419.7	778.0	769.6	8.35	93.119	
500.0	499.5	478.5	478.5	1.0	9.6	-109.02	652.5	-419.7	780.8	770.2	10.59	73.720	
600.0	598.7	577.7	577.7	1.3	11.6	-109.78	652.5	-419.7	784.9	772.0	12.85	61.088	
700.0	697.5	676.5	676.5	1.7	13.5	-110.74	652.5	-419.7	790.4	775.2	15.13	52.242	
800.0	795.6	774.6	774.6	2.0	15.5	-111.87	652.5	-419.7	797.4	780.0	17.43	45.740	
8,700.0	7,158.8	7,137.8	7,137.8	47.3	142.8	91.21	652.5	-419.7	767.4	577.5	189.85	4.042	
8,800.0	7,158.2	7,137.2	7,137.2	49.0	142.7	91.05	652.5	-419.7	671.3	479.7	191.58	3.504	
8,900.0	7,157.7	7,136.7	7,136.7	50.8	142.7	90.88	652.5	-419.7	576.5	383.1	193.41	2.981	
9,000.0	7,157.1	7,136.1	7,136.1	52.7	142.7	90.72	652.5	-419.7	483.8	288.5	195.32	2.477	
9,100.0	7,156.6	7,135.6	7,135.6	54.6	142.7	90.56	652.5	-419.7	394.8	197.5	197.31	2.001	
9,200.0	7,156.0	7,135.0	7,135.0	56.7	142.7	90.39	652.5	-419.7	312.4	113.1	199.36	1.567	
9,300.0	7,155.4	7,134.4	7,134.4	58.8	142.7	90.23	652.5	-419.7	243.6	42.2	201.48	1.209	Level 2
9,400.0	7,154.9	7,133.9	7,133.9	61.0	142.7	90.07	652.5	-419.7	202.8	-0.9	203.65	0.996	Level 1
9,441.2	7,154.6	7,133.6	7,133.6	61.9	142.7	90.00	652.5	-419.7	198.5	-6.0	204.56	0.970	Level 1, CC, ES, SF
9,500.0	7,154.3	7,133.3	7,133.3	63.2	142.7	89.90	652.5	-419.7	207.0	1.2	205.86	1.006	Level 2
9,600.0	7,153.7	7,132.7	7,132.7	65.5	142.7	89.74	652.5	-419.7	254.2	46.1	208.12	1.221	Level 2
9,700.0	7,153.2	7,132.2	7,132.2	67.8	142.6	89.58	652.5	-419.7	326.1	115.7	210.42	1.550	
9,800.0	7,152.6	7,131.6	7,131.6	70.1	142.6	89.41	652.5	-419.7	410.0	197.3	212.76	1.927	
9,900.0	7,152.0	7,131.0	7,131.0	72.5	142.6	89.25	652.5	-419.7	499.9	284.7	215.12	2.324	
10,000.0	7,151.5	7,130.5	7,130.5	74.9	142.6	89.09	652.5	-419.7	593.0	375.5	217.51	2.726	
10,100.0	7,150.9	7,129.9	7,129.9	77.3	142.6	88.93	652.5	-419.7	688.0	468.1	219.93	3.128	
10,200.0	7,150.3	7,129.3	7,129.3	79.8	142.6	88.76	652.5	-419.7	784.3	561.9	222.36	3.527	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Existing Wells Sec.8-T6N-R66W - Hergert 8-42 (Exist) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 7408-UNKNOWN

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,000.0	7,151.5	7,142.5	7,142.5	74.9	142.8	92.73	498.1	-1,691.2	722.1	504.7	217.44	3.321	
10,100.0	7,150.9	7,141.9	7,141.9	77.3	142.8	92.35	498.1	-1,691.2	622.9	403.0	219.93	2.832	
10,200.0	7,150.3	7,141.3	7,141.3	79.8	142.8	91.97	498.1	-1,691.2	524.1	301.6	222.44	2.356	
10,300.0	7,149.8	7,140.8	7,140.8	82.3	142.8	91.59	498.1	-1,691.2	425.7	200.7	224.97	1.892	
10,400.0	7,149.2	7,140.2	7,140.2	84.8	142.8	91.21	498.1	-1,691.2	328.3	100.8	227.50	1.443	Level 3
10,500.0	7,148.6	7,139.6	7,139.6	87.3	142.8	90.83	498.1	-1,691.2	233.2	3.2	230.04	1.014	Level 2
10,600.0	7,148.1	7,139.1	7,139.1	89.8	142.8	90.45	498.1	-1,691.2	144.8	-87.8	232.59	0.623	Level 1
10,700.0	7,147.5	7,138.5	7,138.5	92.4	142.8	90.07	498.1	-1,691.2	86.9	-148.3	235.15	0.369	Level 1
10,717.1	7,147.4	7,138.4	7,138.4	92.8	142.8	90.00	498.1	-1,691.2	85.2	-150.4	235.59	0.362	Level 1, CC, ES, SF
10,800.0	7,146.9	7,137.9	7,137.9	95.0	142.8	89.68	498.1	-1,691.2	118.9	-118.9	237.71	0.500	Level 1
10,900.0	7,146.4	7,137.4	7,137.4	97.5	142.7	89.30	498.1	-1,691.2	201.8	-38.5	240.27	0.840	Level 1
11,000.0	7,145.8	7,136.8	7,136.8	100.1	142.7	88.92	498.1	-1,691.2	295.4	52.6	242.84	1.217	Level 2
11,100.0	7,145.2	7,136.2	7,136.2	102.7	142.7	88.54	498.1	-1,691.2	392.3	146.9	245.41	1.598	
11,200.0	7,144.7	7,135.7	7,135.7	105.3	142.7	88.16	498.1	-1,691.2	490.4	242.4	247.97	1.977	
11,300.0	7,144.1	7,135.1	7,135.1	108.0	142.7	87.78	498.1	-1,691.2	589.1	338.6	250.53	2.351	
11,400.0	7,143.5	7,134.5	7,134.5	110.6	142.7	87.40	498.1	-1,691.2	688.2	435.1	253.09	2.719	
11,500.0	7,143.0	7,134.0	7,134.0	113.2	142.7	87.03	498.1	-1,691.2	787.5	531.9	255.65	3.080	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Existing Wells Sec.8-T6N-R66W - RH Farms 8-31 (Exist) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 7440-UNKNOWN

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
11,200.0	7,144.7	7,129.7	7,129.7	105.3	142.6	91.31	549.6	-2,882.9	727.9	480.0	247.83	2.937	
11,300.0	7,144.1	7,129.1	7,129.1	108.0	142.6	91.12	549.6	-2,882.9	631.3	380.8	250.46	2.520	
11,400.0	7,143.5	7,128.5	7,128.5	110.6	142.6	90.94	549.6	-2,882.9	535.9	282.8	253.10	2.117	
11,500.0	7,143.0	7,128.0	7,128.0	113.2	142.6	90.75	549.6	-2,882.9	442.6	186.9	255.74	1.731	
11,600.0	7,142.4	7,127.4	7,127.4	115.9	142.5	90.57	549.6	-2,882.9	353.0	94.6	258.39	1.366	Level 3
11,700.0	7,141.9	7,126.9	7,126.9	118.5	142.5	90.38	549.6	-2,882.9	270.7	9.7	261.05	1.037	Level 2
11,800.0	7,141.3	7,126.3	7,126.3	121.2	142.5	90.20	549.6	-2,882.9	204.9	-58.8	263.71	0.777	Level 1
11,900.0	7,140.7	7,125.7	7,125.7	123.9	142.5	90.01	549.6	-2,882.9	175.2	-91.2	266.37	0.658	Level 1
11,906.5	7,140.7	7,125.7	7,125.7	124.0	142.5	90.00	549.6	-2,882.9	175.0	-91.5	266.54	0.657	Level 1, CC, ES, SF
12,000.0	7,140.2	7,125.2	7,125.2	126.5	142.5	89.83	549.6	-2,882.9	198.4	-70.6	269.03	0.738	Level 1
12,100.0	7,139.6	7,124.6	7,124.6	129.2	142.5	89.64	549.6	-2,882.9	260.9	-10.8	271.70	0.960	Level 1
12,200.0	7,139.0	7,124.0	7,124.0	131.9	142.5	89.46	549.6	-2,882.9	341.7	67.3	274.37	1.245	Level 2
12,300.0	7,138.5	7,123.5	7,123.5	134.6	142.5	89.27	549.6	-2,882.9	430.6	153.6	277.05	1.554	
12,400.0	7,137.9	7,122.9	7,122.9	137.3	142.5	89.09	549.6	-2,882.9	523.6	243.9	279.72	1.872	
12,500.0	7,137.3	7,122.3	7,122.3	140.0	142.4	88.90	549.6	-2,882.9	618.7	336.3	282.40	2.191	
12,600.0	7,136.8	7,121.8	7,121.8	142.7	142.4	88.72	549.6	-2,882.9	715.2	430.1	285.07	2.509	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Existing Wells Sec.8-T6N-R66W - RH Farms 8-32 (Exist) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 7421-UNKNOWN

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
12,700.0	7,136.2	7,139.2	7,139.2	145.4	142.8	91.97	444.5	-4,394.4	730.4	442.4	287.95	2.537	
12,800.0	7,135.6	7,138.6	7,138.6	148.1	142.8	91.69	444.5	-4,394.4	631.9	341.2	290.70	2.174	
12,900.0	7,135.1	7,138.1	7,138.1	150.8	142.8	91.42	444.5	-4,394.4	534.0	240.6	293.44	1.820	
13,000.0	7,134.5	7,137.5	7,137.5	153.5	142.8	91.15	444.5	-4,394.4	437.1	140.9	296.18	1.476	Level 3
13,100.0	7,133.9	7,136.9	7,136.9	156.3	142.7	90.87	444.5	-4,394.4	342.0	43.0	298.92	1.144	Level 2
13,200.0	7,133.4	7,136.4	7,136.4	159.0	142.7	90.60	444.5	-4,394.4	250.6	-51.1	301.65	0.831	Level 1
13,300.0	7,132.8	7,135.8	7,135.8	161.7	142.7	90.33	444.5	-4,394.4	169.3	-135.1	304.39	0.556	Level 1
13,400.0	7,132.2	7,135.2	7,135.2	164.4	142.7	90.06	444.5	-4,394.4	120.5	-186.6	307.12	0.392	Level 1
13,420.7	7,132.1	7,135.1	7,135.1	165.0	142.7	90.00	444.5	-4,394.4	118.8	-188.9	307.68	0.386	Level 1, CC, ES, SF
13,500.0	7,131.7	7,134.7	7,134.7	167.2	142.7	89.78	444.5	-4,394.4	142.8	-167.0	309.84	0.461	Level 1
13,600.0	7,131.1	7,134.1	7,134.1	169.9	142.7	89.51	444.5	-4,394.4	215.1	-97.5	312.56	0.688	Level 1
13,700.0	7,130.5	7,133.5	7,133.5	172.6	142.7	89.24	444.5	-4,394.4	303.5	-11.8	315.27	0.963	Level 1
13,800.0	7,130.0	7,133.0	7,133.0	175.4	142.7	88.97	444.5	-4,394.4	397.5	79.5	317.99	1.250	Level 2
13,900.0	7,129.4	7,132.4	7,132.4	178.1	142.6	88.69	444.5	-4,394.4	493.8	173.1	320.69	1.540	
14,000.0	7,128.8	7,131.8	7,131.8	180.8	142.6	88.42	444.5	-4,394.4	591.4	268.0	323.39	1.829	
14,100.0	7,128.3	7,131.3	7,131.3	183.6	142.6	88.15	444.5	-4,394.4	689.6	363.5	326.08	2.115	
14,200.0	7,127.7	7,130.7	7,130.7	186.3	142.6	87.88	444.5	-4,394.4	788.3	459.5	328.77	2.398	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Existing Wells Sec.9-T6N-R66W - CEI-Gutterson 1 (P&A) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 7306-UNKNOWN

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1,700.0	1,656.5	1,639.5	1,639.5	7.3	32.8	-26.27	593.1	924.4	796.5	759.9	36.64	21.737	
1,800.0	1,751.7	1,734.7	1,734.7	7.9	34.7	-27.27	593.1	924.4	768.9	730.0	38.95	19.743	
1,900.0	1,846.8	1,829.8	1,829.8	8.6	36.6	-28.34	593.1	924.4	741.5	700.3	41.27	17.966	
2,000.0	1,942.0	1,925.0	1,925.0	9.2	38.5	-29.50	593.1	924.4	714.4	670.8	43.63	16.376	
2,100.0	2,037.2	2,020.2	2,020.2	9.9	40.4	-30.74	593.1	924.4	687.6	641.6	46.01	14.946	
2,200.0	2,132.4	2,115.4	2,115.4	10.5	42.3	-32.08	593.1	924.4	661.2	612.7	48.42	13.654	
2,300.0	2,227.6	2,210.6	2,210.6	11.2	44.2	-33.52	593.1	924.4	635.1	584.2	50.87	12.484	
2,400.0	2,322.8	2,305.8	2,305.8	11.8	46.1	-35.09	593.1	924.4	609.4	556.0	53.36	11.421	
2,500.0	2,418.0	2,401.0	2,401.0	12.4	48.0	-36.79	593.1	924.4	584.2	528.3	55.89	10.453	
2,600.0	2,513.2	2,496.2	2,496.2	13.1	49.9	-38.63	593.1	924.4	559.5	501.1	58.46	9.570	
2,700.0	2,608.4	2,591.4	2,591.4	13.7	51.8	-40.63	593.1	924.4	535.5	474.4	61.09	8.765	
2,800.0	2,703.6	2,686.6	2,686.6	14.4	53.7	-42.82	593.1	924.4	512.1	448.3	63.78	8.030	
2,900.0	2,798.8	2,781.8	2,781.8	15.0	55.6	-45.19	593.1	924.4	489.6	423.1	66.52	7.360	
3,000.0	2,894.0	2,877.0	2,877.0	15.7	57.5	-47.79	593.1	924.4	467.9	398.6	69.33	6.750	
3,100.0	2,989.2	2,972.2	2,972.2	16.3	59.4	-50.61	593.1	924.4	447.4	375.2	72.19	6.197	
3,200.0	3,084.4	3,067.4	3,067.4	17.0	61.3	-53.68	593.1	924.4	428.0	352.9	75.12	5.698	
3,300.0	3,179.6	3,162.6	3,162.6	17.6	63.3	-57.01	593.1	924.4	410.0	331.9	78.10	5.250	
3,400.0	3,274.8	3,257.8	3,257.8	18.3	65.2	-60.62	593.1	924.4	393.6	312.4	81.12	4.852	
3,500.0	3,370.0	3,353.0	3,353.0	18.9	67.1	-64.50	593.1	924.4	378.9	294.7	84.17	4.502	
3,600.0	3,465.2	3,448.2	3,448.2	19.5	69.0	-68.65	593.1	924.4	366.2	279.0	87.21	4.199	
3,700.0	3,560.4	3,543.4	3,543.4	20.2	70.9	-73.04	593.1	924.4	355.7	265.5	90.22	3.943	
3,800.0	3,655.6	3,638.6	3,638.6	20.8	72.8	-77.66	593.1	924.4	347.6	254.4	93.17	3.731	
3,900.0	3,750.8	3,733.8	3,733.8	21.5	74.7	-82.44	593.1	924.4	342.0	246.0	96.00	3.563	
4,000.0	3,846.0	3,829.0	3,829.0	22.1	76.6	-87.32	593.1	924.4	339.2	240.5	98.70	3.436	
4,054.3	3,897.7	3,880.7	3,880.7	22.5	77.6	-90.00	593.1	924.4	338.8	238.7	100.10	3.384	
4,100.0	3,941.2	3,924.2	3,924.2	22.8	78.5	-92.25	593.1	924.4	339.0	237.8	101.23	3.349	
4,200.0	4,036.4	4,019.4	4,019.4	23.4	80.4	-97.14	593.1	924.4	341.7	238.1	103.58	3.299	
4,300.0	4,131.6	4,114.6	4,114.6	24.1	82.3	-101.94	593.1	924.4	347.0	241.3	105.75	3.281	
4,400.0	4,226.8	4,209.8	4,209.8	24.7	84.2	-106.56	593.1	924.4	354.9	247.2	107.74	3.294	
4,500.0	4,322.0	4,305.0	4,305.0	25.4	86.1	-110.98	593.1	924.4	365.2	255.6	109.59	3.332	
4,600.0	4,417.2	4,400.2	4,400.2	26.0	88.0	-115.15	593.1	924.4	377.7	266.4	111.32	3.393	
4,700.0	4,512.4	4,495.4	4,495.4	26.7	89.9	-119.06	593.1	924.4	392.2	279.3	112.96	3.472	
4,800.0	4,607.6	4,590.6	4,590.6	27.3	91.8	-122.68	593.1	924.4	408.5	294.0	114.53	3.567	
4,900.0	4,702.8	4,685.8	4,685.8	28.0	93.7	-126.04	593.1	924.4	426.4	310.3	116.07	3.674	
5,000.0	4,798.0	4,781.0	4,781.0	28.6	95.6	-129.14	593.1	924.4	445.6	328.1	117.59	3.790	
5,100.0	4,893.1	4,876.1	4,876.1	29.3	97.5	-131.98	593.1	924.4	466.1	347.0	119.11	3.913	
5,200.0	4,988.3	4,971.3	4,971.3	29.9	99.4	-134.59	593.1	924.4	487.7	367.0	120.64	4.042	
5,300.0	5,083.5	5,066.5	5,066.5	30.5	101.3	-136.99	593.1	924.4	510.1	387.9	122.19	4.175	
5,400.0	5,178.7	5,161.7	5,161.7	31.2	103.2	-139.18	593.1	924.4	533.4	409.6	123.77	4.310	
5,500.0	5,273.9	5,256.9	5,256.9	31.8	105.1	-141.20	593.1	924.4	557.4	432.0	125.37	4.446	
5,600.0	5,369.1	5,352.1	5,352.1	32.5	107.0	-143.06	593.1	924.4	582.0	455.0	127.01	4.583	
5,700.0	5,464.3	5,447.3	5,447.3	33.1	108.9	-144.77	593.1	924.4	607.2	478.5	128.67	4.719	
5,800.0	5,559.5	5,542.5	5,542.5	33.8	110.9	-146.35	593.1	924.4	632.8	502.5	130.36	4.854	
5,900.0	5,654.7	5,637.7	5,637.7	34.4	112.8	-147.80	593.1	924.4	658.9	526.8	132.08	4.989	
6,000.0	5,749.9	5,732.9	5,732.9	35.1	114.7	-149.15	593.1	924.4	685.3	551.5	133.83	5.121	
6,100.0	5,845.1	5,828.1	5,828.1	35.7	116.6	-150.40	593.1	924.4	712.1	576.5	135.60	5.251	
6,200.0	5,940.3	5,923.3	5,923.3	36.4	118.5	-151.56	593.1	924.4	739.2	601.8	137.40	5.380	
6,300.0	6,035.5	6,018.5	6,018.5	37.0	120.4	-152.64	593.1	924.4	766.5	627.3	139.22	5.506	
6,400.0	6,130.7	6,113.7	6,113.7	37.7	122.3	-153.64	593.1	924.4	794.1	653.1	141.06	5.630	
7,250.0	6,936.8	6,919.8	6,919.8	39.4	138.4	3.49	593.1	924.4	785.6	658.9	126.66	6.202	
7,300.0	6,975.2	6,958.2	6,958.2	39.3	139.2	5.12	593.1	924.4	753.7	634.9	118.78	6.345	
7,350.0	7,010.8	6,993.8	6,993.8	39.1	139.9	6.94	593.1	924.4	718.6	608.2	110.42	6.508	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Existing Wells Sec.9-T6N-R66W - CEI-Gutterson 1 (P&A) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 7306-UNKNOWN

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,400.0	7,043.1	7,026.1	7,026.1	38.9	140.5	9.12	593.1	924.4	680.7	578.6	102.09	6.668	
7,450.0	7,072.0	7,055.0	7,055.0	38.8	141.1	11.93	593.1	924.4	640.1	545.5	94.64	6.764	
7,500.0	7,097.3	7,080.3	7,080.3	38.6	141.6	15.75	593.1	924.4	597.3	507.6	89.73	6.657	
7,550.0	7,118.7	7,101.7	7,101.7	38.5	142.0	21.20	593.1	924.4	552.6	462.3	90.35	6.117	
7,600.0	7,136.2	7,119.2	7,119.2	38.4	142.4	29.31	593.1	924.4	506.4	405.4	101.01	5.013	
7,650.0	7,149.5	7,132.5	7,132.5	38.4	142.6	41.59	593.1	924.4	459.0	334.1	124.86	3.676	
7,700.0	7,158.5	7,141.5	7,141.5	38.4	142.8	59.02	593.1	924.4	410.9	254.5	156.44	2.627	
7,750.0	7,163.2	7,146.2	7,146.2	38.4	142.9	79.20	593.1	924.4	362.6	184.8	177.87	2.039	
7,782.8	7,164.0	7,147.0	7,147.0	38.5	142.9	91.07	593.1	924.4	331.1	150.3	180.78	1.831	
7,800.0	7,163.9	7,146.9	7,146.9	38.5	142.9	91.01	593.1	924.4	314.7	133.9	180.81	1.740	
7,900.0	7,163.3	7,146.3	7,146.3	38.7	142.9	90.67	593.1	924.4	221.6	40.4	181.15	1.223	Level 2
8,000.0	7,162.8	7,145.8	7,145.8	39.2	142.9	90.34	593.1	924.4	138.3	-43.3	181.67	0.761	Level 1
8,099.7	7,162.2	7,145.2	7,145.2	39.8	142.9	90.00	593.1	924.4	95.9	-86.5	182.39	0.526	Level 1, CC
8,100.0	7,162.2	7,145.2	7,145.2	39.8	142.9	90.00	593.1	924.4	95.9	-86.5	182.39	0.526	Level 1, ES, SF
8,200.0	7,161.6	7,144.6	7,144.6	40.7	142.9	89.66	593.1	924.4	138.7	-44.6	183.28	0.757	Level 1
8,300.0	7,161.1	7,144.1	7,144.1	41.7	142.9	89.32	593.1	924.4	222.0	37.7	184.34	1.204	Level 2
8,400.0	7,160.5	7,143.5	7,143.5	42.9	142.9	88.99	593.1	924.4	315.2	129.6	185.55	1.699	
8,500.0	7,159.9	7,142.9	7,142.9	44.2	142.9	88.65	593.1	924.4	411.6	224.7	186.89	2.202	
8,600.0	7,159.4	7,142.4	7,142.4	45.7	142.8	88.31	593.1	924.4	509.3	321.0	188.36	2.704	
8,700.0	7,158.8	7,141.8	7,141.8	47.3	142.8	87.97	593.1	924.4	607.8	417.9	189.95	3.200	
8,800.0	7,158.2	7,141.2	7,141.2	49.0	142.8	87.64	593.1	924.4	706.8	515.1	191.63	3.688	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Existing Wells Sec.9-T6N-R66W - Circle B 6-66-9-0164BH - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 100-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,450.0	7,072.0	10,674.5	7,103.2	38.8	66.5	-6.72	475.4	788.1	772.4	723.0	49.37	15.645	
7,500.0	7,097.3	10,670.4	7,103.6	38.6	66.4	-6.10	479.5	787.9	728.9	683.7	45.20	16.126	
7,550.0	7,118.7	10,666.8	7,103.8	38.5	66.3	-5.48	483.1	787.8	684.1	642.6	41.51	16.480	
7,600.0	7,136.2	10,663.7	7,104.1	38.4	66.3	-4.84	486.1	787.7	638.1	599.3	38.80	16.445	
7,650.0	7,149.5	10,661.3	7,104.3	38.4	66.2	-4.11	488.6	787.5	591.0	553.8	37.26	15.863	
7,700.0	7,158.5	10,659.4	7,104.4	38.4	66.2	-3.22	490.5	787.5	543.0	506.4	36.62	14.827	
7,750.0	7,163.2	10,658.1	7,104.5	38.4	66.2	-1.92	491.7	787.4	494.2	457.5	36.70	13.467	
7,782.8	7,164.0	10,657.6	7,104.5	38.5	66.2	-0.52	492.2	787.4	461.8	424.7	37.10	12.448	
7,800.0	7,163.9	10,657.4	7,104.6	38.5	66.2	-0.34	492.4	787.4	444.8	407.6	37.22	11.952	
7,900.0	7,163.3	10,656.3	7,104.6	38.7	66.2	0.70	493.6	787.3	346.1	308.1	37.94	9.122	
8,000.0	7,162.8	10,655.1	7,104.7	39.2	66.1	1.75	494.7	787.3	248.4	209.7	38.72	6.415	
8,100.0	7,162.2	10,653.9	7,104.8	39.8	66.1	2.82	495.9	787.2	153.7	114.2	39.56	3.886	
8,200.0	7,161.6	10,652.8	7,104.9	40.7	66.1	3.90	497.1	787.2	74.5	34.1	40.46	1.842	
8,240.4	7,161.4	10,652.3	7,104.9	41.1	66.1	4.34	497.5	787.2	62.7	21.8	40.83	1.534	CC, ES, SF
8,300.0	7,161.1	10,651.6	7,105.0	41.7	66.1	4.99	498.2	787.1	86.5	45.1	41.40	2.089	
8,400.0	7,160.5	10,650.4	7,105.1	42.9	66.1	6.09	499.4	787.1	171.5	129.1	42.40	4.043	
8,500.0	7,159.9	10,649.1	7,105.2	44.2	66.1	7.21	500.7	787.0	267.0	223.6	43.46	6.144	
8,600.0	7,159.4	10,647.9	7,105.3	45.7	66.0	8.33	501.9	787.0	365.0	320.4	44.59	8.186	
8,700.0	7,158.8	10,646.7	7,105.4	47.3	66.0	9.47	503.1	786.9	463.8	418.1	45.77	10.133	
8,800.0	7,158.2	10,645.4	7,105.5	49.0	66.0	10.61	504.4	786.8	563.1	516.0	47.03	11.971	
8,900.0	7,157.7	10,644.1	7,105.6	50.8	66.0	11.76	505.7	786.8	662.5	614.2	48.37	13.697	
9,000.0	7,157.1	10,642.8	7,105.7	52.7	66.0	12.92	507.0	786.7	762.1	712.3	49.78	15.308	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Existing Wells Sec.9-T6N-R66W - Circle B 6-66-9-0164CH - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 100-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,150.0	6,852.3	10,527.2	7,178.8	39.8	63.9	-5.82	528.9	1,035.9	790.8	717.1	73.74	10.724	
7,200.0	6,895.7	10,525.4	7,178.9	39.6	63.9	-3.95	530.7	1,035.9	751.1	680.2	70.93	10.589	
7,250.0	6,936.8	10,524.1	7,178.9	39.4	63.9	-2.34	532.0	1,036.0	710.0	642.3	67.79	10.474	
7,300.0	6,975.2	10,523.3	7,178.9	39.3	63.9	-0.85	532.8	1,036.0	667.6	603.2	64.39	10.368	
7,350.0	7,010.8	10,522.9	7,178.9	39.1	63.9	0.63	533.2	1,036.0	624.0	563.1	60.85	10.255	
7,400.0	7,043.1	10,523.0	7,178.9	38.9	63.9	2.20	533.1	1,036.0	579.2	521.9	57.30	10.108	
7,450.0	7,072.0	10,523.6	7,178.9	38.8	63.9	3.99	532.5	1,036.0	533.3	479.3	53.98	9.880	
7,500.0	7,097.3	10,524.7	7,178.9	38.6	63.9	6.17	531.4	1,036.0	486.5	435.3	51.18	9.506	
7,550.0	7,118.7	10,526.2	7,178.9	38.5	63.9	9.06	529.9	1,035.9	438.8	389.6	49.27	8.906	
7,600.0	7,136.2	10,528.2	7,178.8	38.4	63.9	13.30	527.9	1,035.8	390.4	341.7	48.74	8.010	
7,650.0	7,149.5	10,530.6	7,178.8	38.4	64.0	20.55	525.4	1,035.7	341.4	290.9	50.45	6.767	
7,700.0	7,158.5	10,533.5	7,178.7	38.4	64.0	36.29	522.6	1,035.6	291.9	235.1	56.79	5.140	
7,750.0	7,163.2	10,536.8	7,178.7	38.4	64.1	80.33	519.2	1,035.4	242.1	173.8	68.23	3.548	
7,782.8	7,164.0	10,539.3	7,178.7	38.5	64.1	121.55	516.8	1,035.3	209.3	147.5	61.82	3.386	
7,800.0	7,163.9	10,541.0	7,178.6	38.5	64.1	124.49	515.1	1,035.2	192.2	131.6	60.67	3.169	
7,900.0	7,163.3	10,548.2	7,178.5	38.7	64.3	143.64	507.9	1,034.9	92.8	41.2	51.58	1.799	
7,989.4	7,162.8	10,555.2	7,178.4	39.1	64.4	179.27	500.9	1,034.6	10.1	-27.3	37.42	0.270	Level 1, CC, ES, SF
8,000.0	7,162.8	10,556.1	7,178.4	39.2	64.4	-175.69	500.0	1,034.5	12.1	-26.2	38.28	0.317	Level 1
8,100.0	7,162.2	10,564.3	7,178.3	39.8	64.5	-136.80	491.8	1,034.1	107.5	49.6	57.89	1.857	
8,200.0	7,161.6	10,572.8	7,178.2	40.7	64.7	-118.29	483.3	1,033.7	206.9	140.5	66.44	3.115	
8,300.0	7,161.1	10,581.8	7,178.1	41.7	64.8	-109.44	474.4	1,033.2	306.5	236.5	69.98	4.380	
8,400.0	7,160.5	10,591.1	7,178.0	42.9	65.0	-104.49	465.1	1,032.7	406.1	333.9	72.20	5.625	
8,500.0	7,159.9	10,600.8	7,177.9	44.2	65.1	-101.39	455.3	1,032.2	505.7	431.6	74.04	6.829	
8,600.0	7,159.4	10,611.0	7,177.9	45.7	65.3	-99.28	445.2	1,031.6	605.2	529.4	75.81	7.984	
8,700.0	7,158.8	10,621.7	7,177.8	47.3	65.5	-97.76	434.5	1,030.9	704.8	627.2	77.58	9.085	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Existing Wells Sec.9-T6N-R66W - Circle B 6-66-9-0263CDH - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 100-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
6,950.0	6,662.6	10,626.8	7,289.3	40.2	63.2	-33.56	494.9	1,317.1	797.0	718.3	78.66	10.132	
7,000.0	6,711.7	10,624.1	7,289.2	40.1	63.1	-22.29	497.5	1,317.0	753.8	676.5	77.34	9.747	
7,050.0	6,760.0	10,621.6	7,289.2	40.1	63.1	-17.21	500.0	1,317.0	709.3	633.8	75.47	9.399	
7,100.0	6,807.0	10,619.3	7,289.2	39.9	63.0	-14.51	502.3	1,317.0	663.6	590.5	73.07	9.082	
7,150.0	6,852.3	10,617.2	7,289.1	39.8	63.0	-13.02	504.4	1,317.0	616.7	546.6	70.13	8.794	
7,200.0	6,895.7	10,615.0	7,289.1	39.6	63.0	-12.27	506.6	1,317.0	568.9	502.2	66.71	8.527	
7,250.0	6,936.8	10,615.0	7,289.1	39.4	63.0	-13.43	506.6	1,317.0	520.2	457.8	62.36	8.341	
7,300.0	6,975.2	10,615.0	7,289.1	39.3	63.0	-17.50	506.6	1,317.0	470.9	413.5	57.33	8.213	
7,350.0	7,010.8	10,611.3	7,289.1	39.1	62.9	-28.08	510.4	1,317.0	421.1	367.9	53.12	7.926	
7,400.0	7,043.1	10,610.4	7,289.0	38.9	62.9	-160.21	511.3	1,316.9	371.1	304.1	67.02	5.537	
7,450.0	7,072.0	10,609.7	7,289.0	38.8	62.9	-176.81	511.9	1,316.9	321.3	268.7	52.63	6.105	
7,500.0	7,097.3	10,609.3	7,289.0	38.6	62.9	-179.78	512.4	1,316.9	272.4	226.2	46.17	5.899	
7,550.0	7,118.7	10,609.1	7,289.0	38.5	62.9	179.22	512.5	1,316.9	225.2	183.8	41.38	5.442	
7,600.0	7,136.2	10,609.2	7,289.0	38.4	62.9	178.88	512.4	1,316.9	181.8	144.0	37.88	4.800	
7,650.0	7,149.5	10,609.6	7,289.0	38.4	62.9	178.89	512.0	1,316.9	146.0	110.3	35.75	4.085	
7,700.0	7,158.5	10,610.2	7,289.0	38.4	62.9	179.13	511.4	1,316.9	124.9	90.1	34.81	3.589	
7,722.2	7,161.1	10,610.6	7,289.0	38.4	62.9	179.31	511.0	1,316.9	122.5	87.8	34.70	3.530	CC, ES, SF
7,750.0	7,163.2	10,611.1	7,289.1	38.4	62.9	179.61	510.5	1,317.0	126.3	91.5	34.81	3.628	
7,782.8	7,164.0	10,611.9	7,289.1	38.5	62.9	-179.93	509.7	1,317.0	139.5	104.3	35.27	3.956	
7,800.0	7,163.9	10,612.3	7,289.1	38.5	62.9	-179.72	509.3	1,317.0	149.3	113.9	35.40	4.217	
7,900.0	7,163.3	10,614.8	7,289.1	38.7	63.0	-178.50	506.8	1,317.0	224.5	188.3	36.20	6.201	
8,000.0	7,162.8	10,617.5	7,289.1	39.2	63.0	-177.24	504.2	1,317.0	313.8	276.7	37.08	8.464	
8,100.0	7,162.2	10,620.1	7,289.2	39.8	63.1	-175.96	501.5	1,317.0	408.1	370.1	38.02	10.735	
8,200.0	7,161.6	10,622.9	7,289.2	40.7	63.1	-174.64	498.7	1,317.0	504.6	465.6	39.02	12.930	
8,300.0	7,161.1	10,625.7	7,289.2	41.7	63.1	-173.31	495.9	1,317.0	602.2	562.1	40.10	15.019	
8,400.0	7,160.5	10,628.6	7,289.3	42.9	63.2	-171.95	493.1	1,317.1	700.5	659.3	41.24	16.987	
8,500.0	7,159.9	10,631.5	7,289.3	44.2	63.2	-170.56	490.1	1,317.1	799.2	756.7	42.45	18.826	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Existing Wells Sec.9-T6N-R66W - Gutterson 23-9 (P&A) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 7410-UNKNOWN

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,500.0	5,273.9	5,229.9	5,229.9	31.8	104.6	5.57	505.8	2,209.3	781.2	665.3	115.86	6.743	
5,600.0	5,369.1	5,325.1	5,325.1	32.5	106.5	5.80	505.8	2,209.3	750.7	632.7	118.00	6.362	
5,700.0	5,464.3	5,420.3	5,420.3	33.1	108.4	6.04	505.8	2,209.3	720.2	600.1	120.15	5.994	
5,800.0	5,559.5	5,515.5	5,515.5	33.8	110.3	6.31	505.8	2,209.3	689.8	567.5	122.31	5.640	
5,900.0	5,654.7	5,610.7	5,610.7	34.4	112.2	6.60	505.8	2,209.3	659.3	534.9	124.47	5.297	
6,000.0	5,749.9	5,705.9	5,705.9	35.1	114.1	6.92	505.8	2,209.3	628.9	502.3	126.64	4.966	
6,100.0	5,845.1	5,801.1	5,801.1	35.7	116.0	7.28	505.8	2,209.3	598.5	469.7	128.81	4.646	
6,200.0	5,940.3	5,896.3	5,896.3	36.4	117.9	7.67	505.8	2,209.3	568.1	437.1	130.99	4.337	
6,300.0	6,035.5	5,991.5	5,991.5	37.0	119.8	8.10	505.8	2,209.3	537.8	404.6	133.19	4.038	
6,400.0	6,130.7	6,086.7	6,086.7	37.7	121.7	8.59	505.8	2,209.3	507.4	372.0	135.39	3.748	
6,500.0	6,225.9	6,181.9	6,181.9	38.3	123.6	9.14	505.8	2,209.3	477.1	339.5	137.62	3.467	
6,600.0	6,321.1	6,277.1	6,277.1	39.0	125.5	9.76	505.8	2,209.3	446.9	307.0	139.87	3.195	
6,705.9	6,421.9	6,377.9	6,377.9	39.7	127.6	10.52	505.8	2,209.3	414.9	272.6	142.28	2.916	
6,750.0	6,464.4	6,420.4	6,420.4	39.9	128.4	15.17	505.8	2,209.3	403.3	257.4	145.87	2.765	
6,800.0	6,513.4	6,469.4	6,469.4	40.0	129.4	25.32	505.8	2,209.3	394.1	245.1	148.92	2.646	
6,850.0	6,563.0	6,519.0	6,519.0	40.1	130.4	52.71	505.8	2,209.3	389.2	238.3	150.86	2.580	
6,880.5	6,593.4	6,549.4	6,549.4	40.2	131.0	90.00	505.8	2,209.3	388.4	236.9	151.48	2.564	CC, ES
6,900.0	6,612.9	6,568.9	6,568.9	40.2	131.4	115.34	505.8	2,209.3	388.7	237.1	151.64	2.563	SF
6,950.0	6,662.6	6,618.6	6,618.6	40.2	132.4	149.13	505.8	2,209.3	392.6	241.4	151.23	2.596	
7,000.0	6,711.7	6,667.7	6,667.7	40.1	133.4	161.01	505.8	2,209.3	400.9	251.3	149.61	2.679	
7,050.0	6,760.0	6,716.0	6,716.0	40.1	134.3	166.74	505.8	2,209.3	413.5	266.7	146.78	2.817	
7,100.0	6,807.0	6,763.0	6,763.0	39.9	135.3	170.15	505.8	2,209.3	430.2	287.5	142.73	3.014	
7,150.0	6,852.3	6,808.3	6,808.3	39.8	136.2	172.47	505.8	2,209.3	451.0	313.5	137.49	3.280	
7,200.0	6,895.7	6,851.7	6,851.7	39.6	137.0	174.17	505.8	2,209.3	475.7	344.6	131.09	3.629	
7,250.0	6,936.8	6,892.8	6,892.8	39.4	137.9	175.50	505.8	2,209.3	504.2	380.6	123.59	4.079	
7,300.0	6,975.2	6,931.2	6,931.2	39.3	138.6	176.60	505.8	2,209.3	536.1	421.0	115.03	4.660	
7,350.0	7,010.8	6,966.8	6,966.8	39.1	139.3	177.56	505.8	2,209.3	571.2	465.7	105.52	5.413	
7,400.0	7,043.1	6,999.1	6,999.1	38.9	140.0	178.44	505.8	2,209.3	609.3	514.1	95.18	6.401	
7,450.0	7,072.0	7,028.0	7,028.0	38.8	140.6	179.31	505.8	2,209.3	650.0	565.9	84.17	7.723	
7,500.0	7,097.3	7,053.3	7,053.3	38.6	141.1	-179.76	505.8	2,209.3	693.2	620.4	72.75	9.528	
7,550.0	7,118.7	7,074.7	7,074.7	38.5	141.5	-178.63	505.8	2,209.3	738.3	677.0	61.34	12.036	
7,600.0	7,136.2	7,092.2	7,092.2	38.4	141.8	-177.09	505.8	2,209.3	785.2	734.6	50.61	15.515	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Schaefer 42-7D Pad Sec.7-T6N-R66W - Schaefer 33-7D - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 56- **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
15,600.0	7,119.8	7,272.8	7,154.0	224.9	22.6	88.84	404.0	-7,324.7	770.4	526.7	243.76	3.161	
15,700.0	7,119.2	7,273.5	7,154.7	227.7	22.6	89.06	404.0	-7,324.7	673.3	426.8	246.54	2.731	
15,800.0	7,118.7	7,274.2	7,155.4	230.4	22.6	89.29	404.0	-7,324.7	577.3	327.9	249.32	2.315	
15,900.0	7,118.1	7,274.9	7,156.1	233.2	22.6	89.52	404.0	-7,324.7	482.8	230.7	252.09	1.915	
16,000.0	7,117.5	7,275.5	7,156.8	236.0	22.6	89.75	404.0	-7,324.7	391.0	136.2	254.87	1.534	
16,100.0	7,117.0	7,276.2	7,157.5	238.7	22.6	89.97	404.0	-7,324.7	304.5	46.9	257.64	1.182	Level 2
16,200.0	7,116.4	7,276.9	7,158.2	241.5	22.6	90.20	404.0	-7,324.7	229.3	-31.1	260.41	0.881	Level 1
16,272.8	7,116.0	7,277.4	7,158.7	243.5	22.6	90.37	404.0	-7,324.7	189.5	-72.9	262.42	0.722	Level 1, CC, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Schaefer 43-7D Pad Sec.7-T6N-R66W - Schaefer 43-7D - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 111- **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
14,000.0	7,128.8	7,275.7	7,123.1	180.8	26.0	-28.30	274.6	-5,756.0	787.3	681.5	105.72	7.447	
14,100.0	7,128.3	7,277.5	7,124.9	183.6	26.0	-31.90	274.6	-5,756.0	687.3	571.5	115.76	5.937	
14,200.0	7,127.7	7,279.2	7,126.7	186.3	26.0	-36.32	274.6	-5,756.1	587.3	459.3	127.97	4.589	
14,300.0	7,127.2	7,281.0	7,128.4	189.1	26.0	-41.80	274.6	-5,756.1	487.3	344.7	142.66	3.416	
14,400.0	7,126.6	7,282.7	7,130.1	191.8	26.0	-48.62	274.6	-5,756.1	387.4	227.5	159.89	2.423	
14,500.0	7,126.0	7,284.3	7,131.8	194.6	26.0	-57.09	274.6	-5,756.2	287.4	108.4	178.96	1.606	
14,600.0	7,125.5	7,286.0	7,133.4	197.3	26.0	-67.34	274.6	-5,756.2	187.5	-10.4	197.82	0.948	Level 1
14,700.0	7,124.9	7,287.6	7,135.0	200.1	26.0	-79.15	274.6	-5,756.2	87.6	-125.2	212.77	0.412	Level 1
14,783.8	7,124.4	7,288.9	7,136.4	202.4	26.0	-89.69	274.6	-5,756.3	7.9	-211.4	219.36	0.036	Level 1, CC, ES, SF
14,800.0	7,124.3	7,289.2	7,136.6	202.8	26.0	-91.74	274.7	-5,756.3	14.5	-205.4	219.87	0.066	Level 1
14,900.0	7,123.8	7,290.7	7,138.2	205.6	26.0	-103.97	274.7	-5,756.3	112.9	-104.8	217.68	0.519	Level 1
15,000.0	7,123.2	7,292.2	7,139.7	208.3	26.0	-114.87	274.7	-5,756.3	212.8	4.4	208.33	1.021	Level 2
15,100.0	7,122.6	7,293.7	7,141.2	211.1	26.0	-124.01	274.7	-5,756.4	312.7	117.2	195.48	1.600	
15,200.0	7,122.1	7,295.2	7,142.7	213.9	26.0	-131.43	274.7	-5,756.4	412.7	230.6	182.08	2.266	
15,300.0	7,121.5	7,296.7	7,144.1	216.6	26.0	-137.39	274.7	-5,756.4	512.6	342.9	169.70	3.021	
15,400.0	7,120.9	7,298.1	7,145.5	219.4	26.0	-142.18	274.7	-5,756.5	612.6	453.7	158.92	3.855	
15,500.0	7,120.4	7,299.5	7,146.9	222.2	26.0	-146.06	274.7	-5,756.5	712.6	562.8	149.80	4.757	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Schaefer 43-7D Pad Sec.7-T6N-R66W - Schaefer 7DD - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 91- **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
15,000.0	7,123.2	7,262.4	7,121.5	208.3	24.8	-88.87	-274.8	-6,509.3	770.9	541.0	229.87	3.354	
15,100.0	7,122.6	7,262.4	7,121.5	211.1	24.8	-88.86	-274.8	-6,509.3	702.0	469.3	232.63	3.017	
15,200.0	7,122.1	7,262.3	7,121.4	213.9	24.8	-88.86	-274.8	-6,509.3	641.2	405.9	235.39	2.724	
15,300.0	7,121.5	7,262.3	7,121.4	216.6	24.8	-88.85	-274.8	-6,509.3	591.3	353.1	238.15	2.483	
15,400.0	7,120.9	7,262.2	7,121.3	219.4	24.8	-88.85	-274.8	-6,509.3	555.0	314.1	240.91	2.304	
15,500.0	7,120.4	7,262.2	7,121.3	222.2	24.8	-88.84	-274.8	-6,509.3	535.3	291.6	243.67	2.197	
15,557.8	7,120.0	7,262.1	7,121.3	223.7	24.8	-88.84	-274.8	-6,509.3	532.1	286.9	245.27	2.170	CC, ES
15,600.0	7,119.8	7,262.1	7,121.2	224.9	24.8	-88.84	-274.8	-6,509.3	533.8	287.4	246.43	2.166	SF
15,700.0	7,119.2	7,262.1	7,121.2	227.7	24.8	-88.83	-274.8	-6,509.3	550.8	301.6	249.20	2.210	
15,800.0	7,118.7	7,262.0	7,121.1	230.4	24.8	-88.83	-274.8	-6,509.3	584.6	332.7	251.96	2.320	
15,900.0	7,118.1	7,262.0	7,121.1	233.2	24.8	-88.82	-274.8	-6,509.3	632.7	377.9	254.73	2.484	
16,000.0	7,117.5	7,261.9	7,121.0	236.0	24.8	-88.81	-274.8	-6,509.3	691.9	434.4	257.49	2.687	
16,100.0	7,117.0	7,261.9	7,121.0	238.7	24.8	-88.81	-274.8	-6,509.3	759.7	499.4	260.26	2.919	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Schaefer 43-7D Pad Sec.7-T6N-R66W - Schaefer 7XD - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 702- **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
13,600.0	7,131.1	7,267.1	7,159.7	169.9	21.7	-92.01	-258.0	-5,096.2	782.0	593.7	188.26	4.154	
13,700.0	7,130.5	7,262.6	7,155.2	172.6	21.7	-91.55	-258.0	-5,096.4	715.9	524.9	191.01	3.748	
13,800.0	7,130.0	7,258.2	7,150.8	175.4	21.7	-91.10	-257.9	-5,096.5	658.4	464.7	193.75	3.398	
13,900.0	7,129.4	7,253.8	7,146.4	178.1	21.7	-90.66	-257.9	-5,096.7	612.0	415.5	196.48	3.115	
14,000.0	7,128.8	7,249.6	7,142.2	180.8	21.7	-90.23	-257.9	-5,096.8	579.2	380.0	199.20	2.908	
14,100.0	7,128.3	7,245.5	7,138.1	183.6	21.7	-89.81	-257.9	-5,096.9	562.5	360.5	201.92	2.786	
14,145.6	7,128.0	7,243.7	7,136.3	184.8	21.7	-89.62	-257.9	-5,097.0	560.6	357.5	203.15	2.760	CC, ES
14,200.0	7,127.7	7,241.5	7,134.1	186.3	21.7	-89.40	-257.9	-5,097.1	563.2	358.6	204.62	2.753	SF
14,300.0	7,127.2	7,238.0	7,130.6	189.1	21.6	-89.04	-257.8	-5,097.2	581.5	374.1	207.33	2.805	
14,400.0	7,126.6	7,234.3	7,126.9	191.8	21.6	-88.66	-257.8	-5,097.3	615.6	405.5	210.03	2.931	
14,500.0	7,126.0	7,230.9	7,123.6	194.6	21.6	-88.32	-257.8	-5,097.4	663.1	450.4	212.73	3.117	
14,600.0	7,125.5	7,227.7	7,120.3	197.3	21.6	-87.99	-257.8	-5,097.5	721.5	506.0	215.42	3.349	
14,700.0	7,124.9	7,224.5	7,117.1	200.1	21.6	-87.66	-257.8	-5,097.6	788.2	570.1	218.11	3.614	

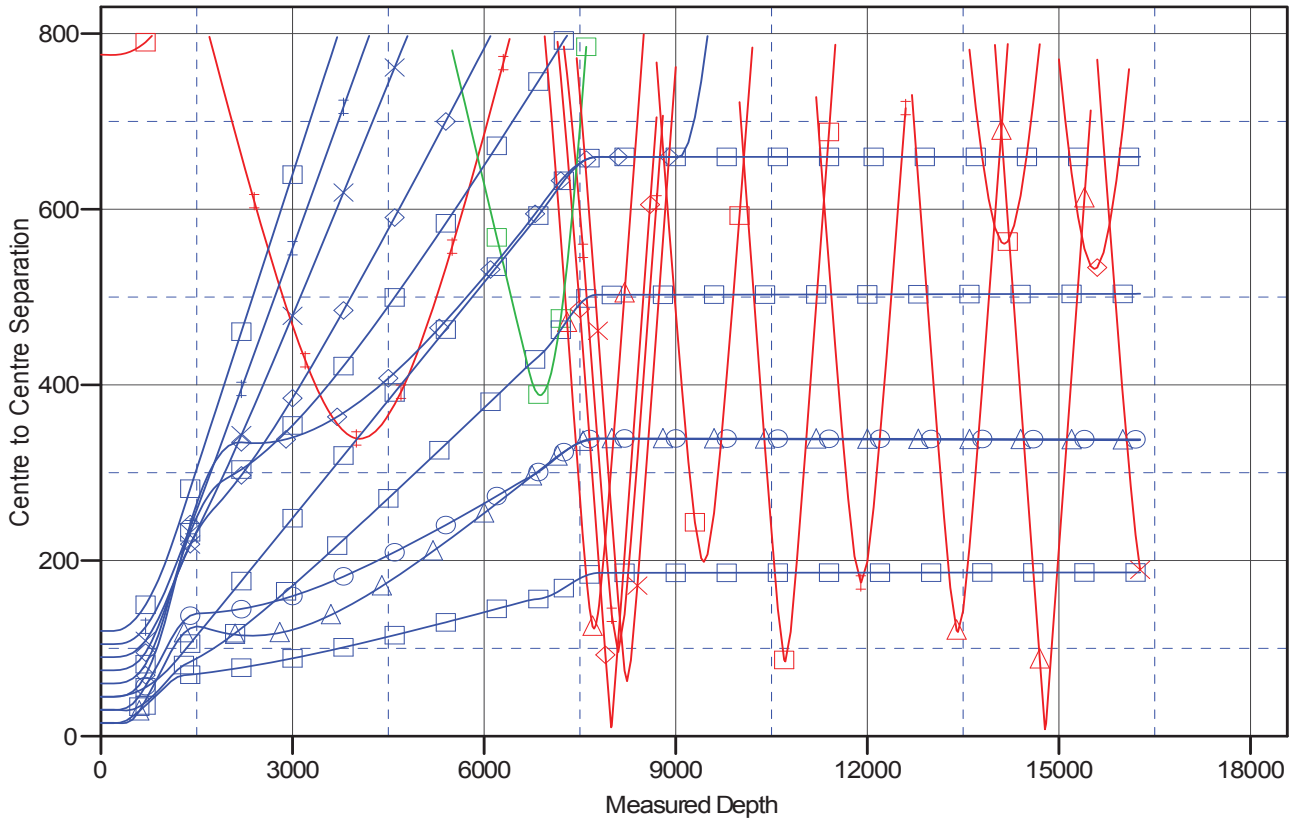
CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4831.0ft (RKB - 23')
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: Booth P-8-7HN
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.46°

Ladder Plot



LEGEND

e B 6-66-9-0164CH, Wellbore #1, Wellbore #1 V0
e B 6-66-9-0263CDH, Wellbore #1, Wellbore #1 V0
Gutterson 1 (P&A), Wellbore #1, Wellbore #1 V0
erson 23-9 (P&A), Wellbore #1, Wellbore #1 V0
e B 6-66-9-0164BH, Wellbore #1, Wellbore #1 V0
aefer 43-7D, Wellbore #1, Wellbore #1 V0
aefer 7XD, Wellbore #1, Wellbore #1 V0
aefer 7DD, Wellbore #1, Wellbore #1 V0
RH Farms 8-32 (Exist), Wellbore #1, Wellbore #1 V0
RH Farms 8-31 (Exist), Wellbore #1, Wellbore #1 V0
Hergert 8-42 (Exist), Wellbore #1, Wellbore #1 V0
Guttersen 2 (P&A), Wellbore #1, Wellbore #1 V0
Schaefer 33-7D, Wellbore #1, Wellbore #1 V0
Booth W-8-7HC, Wellbore #1, Plan #2 (10-05-17) V0
Booth T-8-7HC, Wellbore #1, Plan #2 (10-05-17) V0
Booth S-8-7HN, Wellbore #1, Plan #2 (10-05-17) V0
Booth V-8-7HN, Wellbore #1, Plan #2 (10-05-
Booth Q-8-7HC, Wellbore #1, Plan #2 (10-05-
Booth X-8-7HN, Wellbore #1, Plan #2 (10-05-
Booth R-8-7HN, Wellbore #1, Plan #2 (10-05-
Booth U-8-7HN, Wellbore #1, Plan #2 (10-05-
Booth O-8-7HN, Wellbore #1, Plan #2 (10-05-
Booth N-8-7HC, Wellbore #1, Plan #2 (10-05-
Booth M-8-7HN, Wellbore #1, Plan #2 (10-05-

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #2 (10-05-17)	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4831.0ft (RKB - 23')
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: Booth P-8-7HN
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.46°