Bayswater Exploration & Production, LLC

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

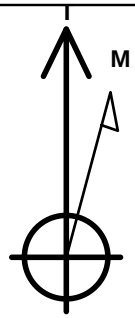
Surface Location: Booth 8-L Pad Sec.8-T6N-R66W
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4808.0

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	1425473.35	3196520.18	40.499176	-104.793347	

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

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1381'FSL, 249'FEL, SEC.8	1.0	0.0	0.0	Point
BHL 2474'FSL, 2170'FEL, SEC.7	7123.0	848.5	-7245.1	Point
LPL 2480'FSL, 1000'FWL, SEC.9	7168.0	1122.1	1239.5	Point



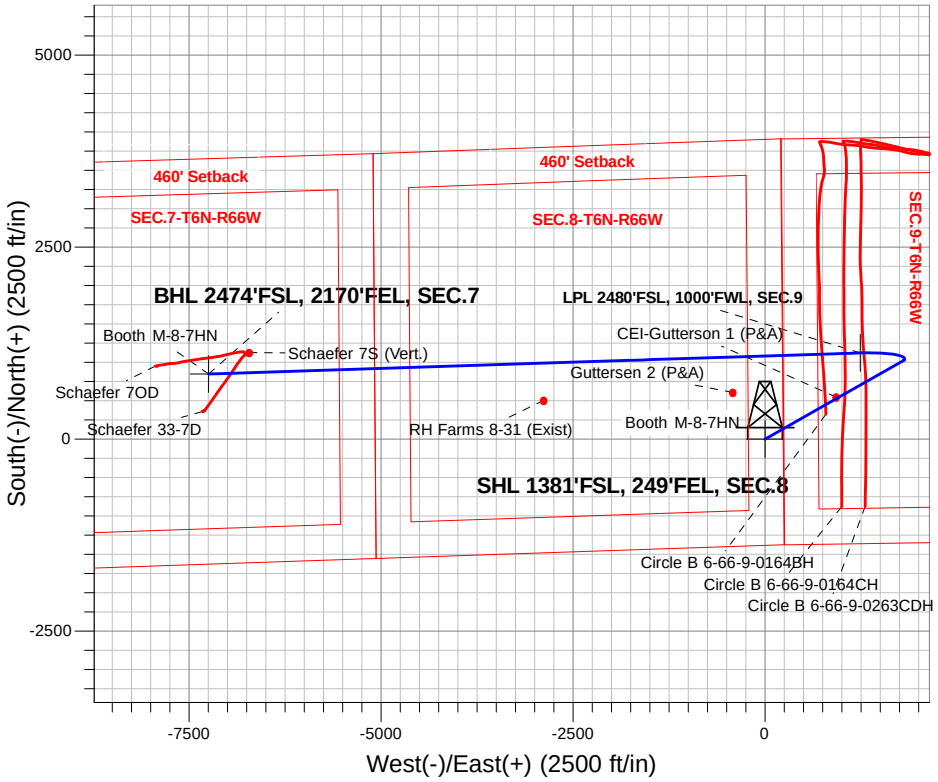
Azimuths to True North
Magnetic North: 8.03°

Magnetic Field
Strength: 52515.0snT
Dip Angle: 66.90°
Date: 10/9/2017
Model: IGRF2010

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

ANNOTATIONS

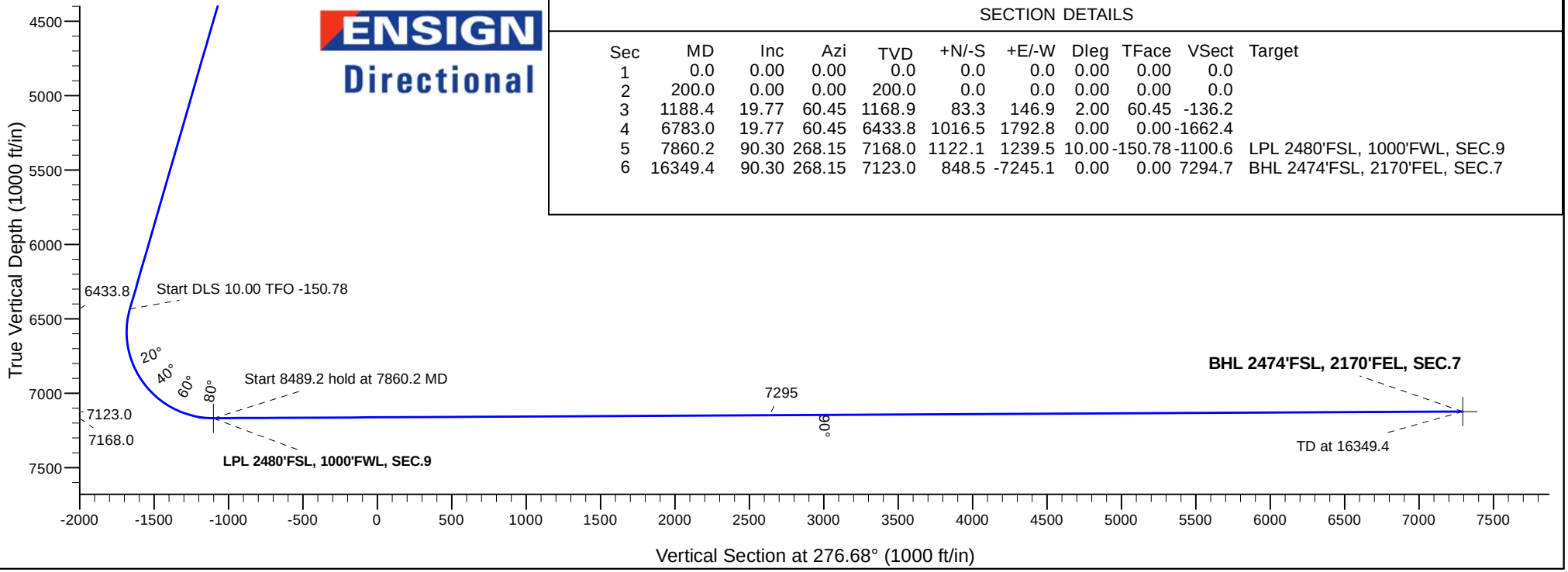
TVD	MD	Annotation
200.0	200.0	KOP - Start Build 2.00
1168.9	1188.4	Start 5594.6 hold at 1188.4 MD
6433.8	6783.0	Start DLS 10.00 TFO -150.78
7168.0	7860.2	Start 8489.2 hold at 7860.2 MD
7123.0	16349.4	TD at 16349.4



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	1188.4	19.77	60.45	1168.9	83.3	146.9	2.00	60.45	-136.2	
4	6783.0	19.77	60.45	6433.8	1016.5	1792.8	0.00	0.00	-1662.4	
5	7860.2	90.30	268.15	7168.0	1122.1	1239.5	10.00	-150.78	-1100.6	LPL 2480'FSL, 1000'FWL, SEC.9
6	16349.4	90.30	268.15	7123.0	848.5	-7245.1	0.00	0.00	7294.7	BHL 2474'FSL, 2170'FEL, SEC.7



ENSIGN Directional

Bayswater Exploration & Production, LLC

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

Wellbore #1

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

Standard Planning Report

09 October, 2017

BAYSWATER
EXPLORATION & PRODUCTION, LLC

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth M-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 M-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 M-8-7HN

Well Position	**+N/-S**	-180.0 ft	**Northing:**	1,425,473.35 usft	**Latitude:**	40.499176
	+E/-W	2.8 ft	**Easting:**	3,196,520.18 usft	**Longitude:**	-104.793347
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	10/9/2017	8.03	66.90	52,515

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	276.68

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	
1,188.4	19.77	60.45	1,168.9	83.3	146.9	2.00	2.00	0.00	60.45	
6,783.0	19.77	60.45	6,433.8	1,016.5	1,792.8	0.00	0.00	0.00	0.00	
7,860.2	90.30	268.15	7,168.0	1,122.1	1,239.5	10.00	6.55	-14.14	-150.78	LPL 2480'FSL, 1000'F
16,349.4	90.30	268.15	7,123.0	848.5	-7,245.1	0.00	0.00	0.00	0.00	BHL 2474'FSL, 2170'I

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth M-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 M-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 1381'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	60.45	300.0	0.9	1.5	-1.4	2.00	2.00	0.00
400.0	4.00	60.45	399.8	3.4	6.1	-5.6	2.00	2.00	0.00
500.0	6.00	60.45	499.5	7.7	13.7	-12.7	2.00	2.00	0.00
600.0	8.00	60.45	598.7	13.8	24.3	-22.5	2.00	2.00	0.00
700.0	10.00	60.45	697.5	21.5	37.9	-35.1	2.00	2.00	0.00
800.0	12.00	60.45	795.6	30.9	54.5	-50.5	2.00	2.00	0.00
900.0	14.00	60.45	893.1	42.0	74.0	-68.6	2.00	2.00	0.00
1,000.0	16.00	60.45	989.6	54.7	96.5	-89.5	2.00	2.00	0.00
1,100.0	18.00	60.45	1,085.3	69.2	122.0	-113.1	2.00	2.00	0.00
1,188.4	19.77	60.45	1,168.9	83.3	146.9	-136.2	2.00	2.00	0.00
Start 5594.6 hold at 1188.4 MD									
1,200.0	19.77	60.45	1,179.8	85.2	150.3	-139.3	0.00	0.00	0.00
1,300.0	19.77	60.45	1,273.9	101.9	179.7	-166.6	0.00	0.00	0.00
1,400.0	19.77	60.45	1,368.0	118.6	209.1	-193.9	0.00	0.00	0.00
1,500.0	19.77	60.45	1,462.1	135.2	238.5	-221.2	0.00	0.00	0.00
1,600.0	19.77	60.45	1,556.3	151.9	268.0	-248.5	0.00	0.00	0.00
1,700.0	19.77	60.45	1,650.4	168.6	297.4	-275.7	0.00	0.00	0.00
1,800.0	19.77	60.45	1,744.5	185.3	326.8	-303.0	0.00	0.00	0.00
1,900.0	19.77	60.45	1,838.6	202.0	356.2	-330.3	0.00	0.00	0.00
2,000.0	19.77	60.45	1,932.7	218.7	385.6	-357.6	0.00	0.00	0.00
2,100.0	19.77	60.45	2,026.8	235.3	415.1	-384.9	0.00	0.00	0.00
2,200.0	19.77	60.45	2,120.9	252.0	444.5	-412.2	0.00	0.00	0.00
2,300.0	19.77	60.45	2,215.0	268.7	473.9	-439.4	0.00	0.00	0.00
2,400.0	19.77	60.45	2,309.1	285.4	503.3	-466.7	0.00	0.00	0.00
2,500.0	19.77	60.45	2,403.2	302.1	532.7	-494.0	0.00	0.00	0.00
2,600.0	19.77	60.45	2,497.3	318.7	562.2	-521.3	0.00	0.00	0.00
2,700.0	19.77	60.45	2,591.4	335.4	591.6	-548.6	0.00	0.00	0.00
2,800.0	19.77	60.45	2,685.5	352.1	621.0	-575.8	0.00	0.00	0.00
2,900.0	19.77	60.45	2,779.6	368.8	650.4	-603.1	0.00	0.00	0.00
3,000.0	19.77	60.45	2,873.7	385.5	679.9	-630.4	0.00	0.00	0.00
3,100.0	19.77	60.45	2,967.9	402.2	709.3	-657.7	0.00	0.00	0.00
3,200.0	19.77	60.45	3,062.0	418.8	738.7	-685.0	0.00	0.00	0.00
3,300.0	19.77	60.45	3,156.1	435.5	768.1	-712.2	0.00	0.00	0.00
3,400.0	19.77	60.45	3,250.2	452.2	797.5	-739.5	0.00	0.00	0.00
3,500.0	19.77	60.45	3,344.3	468.9	827.0	-766.8	0.00	0.00	0.00
3,600.0	19.77	60.45	3,438.4	485.6	856.4	-794.1	0.00	0.00	0.00
3,700.0	19.77	60.45	3,532.5	502.2	885.8	-821.4	0.00	0.00	0.00
3,800.0	19.77	60.45	3,626.6	518.9	915.2	-848.7	0.00	0.00	0.00
3,900.0	19.77	60.45	3,720.7	535.6	944.6	-875.9	0.00	0.00	0.00
4,000.0	19.77	60.45	3,814.8	552.3	974.1	-903.2	0.00	0.00	0.00
4,100.0	19.77	60.45	3,908.9	569.0	1,003.5	-930.5	0.00	0.00	0.00
4,200.0	19.77	60.45	4,003.0	585.7	1,032.9	-957.8	0.00	0.00	0.00
4,300.0	19.77	60.45	4,097.1	602.3	1,062.3	-985.1	0.00	0.00	0.00
4,400.0	19.77	60.45	4,191.2	619.0	1,091.8	-1,012.3	0.00	0.00	0.00
4,500.0	19.77	60.45	4,285.4	635.7	1,121.2	-1,039.6	0.00	0.00	0.00
4,600.0	19.77	60.45	4,379.5	652.4	1,150.6	-1,066.9	0.00	0.00	0.00
4,700.0	19.77	60.45	4,473.6	669.1	1,180.0	-1,094.2	0.00	0.00	0.00

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Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth M-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	19.77	60.45	4,567.7	685.7	1,209.4	-1,121.5	0.00	0.00	0.00
4,900.0	19.77	60.45	4,661.8	702.4	1,238.9	-1,148.7	0.00	0.00	0.00
5,000.0	19.77	60.45	4,755.9	719.1	1,268.3	-1,176.0	0.00	0.00	0.00
5,100.0	19.77	60.45	4,850.0	735.8	1,297.7	-1,203.3	0.00	0.00	0.00
5,200.0	19.77	60.45	4,944.1	752.5	1,327.1	-1,230.6	0.00	0.00	0.00
5,300.0	19.77	60.45	5,038.2	769.2	1,356.5	-1,257.9	0.00	0.00	0.00
5,400.0	19.77	60.45	5,132.3	785.8	1,386.0	-1,285.2	0.00	0.00	0.00
5,500.0	19.77	60.45	5,226.4	802.5	1,415.4	-1,312.4	0.00	0.00	0.00
5,600.0	19.77	60.45	5,320.5	819.2	1,444.8	-1,339.7	0.00	0.00	0.00
5,700.0	19.77	60.45	5,414.6	835.9	1,474.2	-1,367.0	0.00	0.00	0.00
5,800.0	19.77	60.45	5,508.7	852.6	1,503.6	-1,394.3	0.00	0.00	0.00
5,900.0	19.77	60.45	5,602.8	869.2	1,533.1	-1,421.6	0.00	0.00	0.00
6,000.0	19.77	60.45	5,697.0	885.9	1,562.5	-1,448.8	0.00	0.00	0.00
6,100.0	19.77	60.45	5,791.1	902.6	1,591.9	-1,476.1	0.00	0.00	0.00
6,200.0	19.77	60.45	5,885.2	919.3	1,621.3	-1,503.4	0.00	0.00	0.00
6,300.0	19.77	60.45	5,979.3	936.0	1,650.8	-1,530.7	0.00	0.00	0.00
6,400.0	19.77	60.45	6,073.4	952.7	1,680.2	-1,558.0	0.00	0.00	0.00
6,500.0	19.77	60.45	6,167.5	969.3	1,709.6	-1,585.2	0.00	0.00	0.00
6,600.0	19.77	60.45	6,261.6	986.0	1,739.0	-1,612.5	0.00	0.00	0.00
6,700.0	19.77	60.45	6,355.7	1,002.7	1,768.4	-1,639.8	0.00	0.00	0.00
6,783.0	19.77	60.45	6,433.8	1,016.5	1,792.8	-1,662.4	0.00	0.00	0.00
Start DLS 10.00 TFO -150.78									
6,800.0	18.30	57.80	6,449.9	1,019.4	1,797.6	-1,666.8	10.00	-8.62	-15.55
6,900.0	11.07	29.42	6,546.7	1,036.2	1,815.7	-1,682.8	10.00	-7.23	-28.38
7,000.0	10.42	333.77	6,645.2	1,052.7	1,816.4	-1,681.6	10.00	-0.66	-55.64
7,100.0	17.10	301.15	6,742.4	1,068.4	1,799.8	-1,663.3	10.00	6.69	-32.62
7,200.0	25.98	288.30	6,835.3	1,083.0	1,766.3	-1,628.4	10.00	8.87	-12.86
7,300.0	35.42	281.81	6,921.3	1,095.8	1,717.0	-1,577.9	10.00	9.45	-6.48
7,400.0	45.09	277.81	6,997.5	1,106.6	1,653.4	-1,513.5	10.00	9.66	-4.00
7,500.0	54.85	274.97	7,061.7	1,114.9	1,577.4	-1,437.0	10.00	9.76	-2.84
7,600.0	64.67	272.75	7,112.1	1,120.7	1,491.3	-1,350.8	10.00	9.81	-2.22
7,700.0	74.51	270.86	7,146.9	1,123.6	1,397.8	-1,257.6	10.00	9.84	-1.89
7,800.0	84.37	269.15	7,165.2	1,123.6	1,299.6	-1,160.1	10.00	9.86	-1.71
7,860.2	90.30	268.15	7,168.0	1,122.1	1,239.5	-1,100.6	10.00	9.86	-1.66
Start 8489.2 hold at 7860.2 MD - LPL 2480'FSL, 1000'FWL, SEC.9									
7,900.0	90.30	268.15	7,167.8	1,120.9	1,199.7	-1,061.2	0.00	0.00	0.00
8,000.0	90.30	268.15	7,167.3	1,117.6	1,099.8	-962.3	0.00	0.00	0.00
8,100.0	90.30	268.15	7,166.7	1,114.4	999.8	-863.4	0.00	0.00	0.00
8,200.0	90.30	268.15	7,166.2	1,111.2	899.9	-764.5	0.00	0.00	0.00
8,300.0	90.30	268.15	7,165.7	1,108.0	799.9	-665.6	0.00	0.00	0.00
8,400.0	90.30	268.15	7,165.1	1,104.7	700.0	-566.7	0.00	0.00	0.00
8,500.0	90.30	268.15	7,164.6	1,101.5	600.0	-467.8	0.00	0.00	0.00
8,600.0	90.30	268.15	7,164.1	1,098.3	500.1	-368.9	0.00	0.00	0.00
8,700.0	90.30	268.15	7,163.5	1,095.1	400.1	-270.1	0.00	0.00	0.00
8,800.0	90.30	268.15	7,163.0	1,091.8	300.2	-171.2	0.00	0.00	0.00
8,900.0	90.30	268.15	7,162.5	1,088.6	200.2	-72.3	0.00	0.00	0.00
9,000.0	90.30	268.15	7,162.0	1,085.4	100.3	26.6	0.00	0.00	0.00
9,100.0	90.30	268.15	7,161.4	1,082.2	0.4	125.5	0.00	0.00	0.00
9,200.0	90.30	268.15	7,160.9	1,078.9	-99.6	224.4	0.00	0.00	0.00
9,300.0	90.30	268.15	7,160.4	1,075.7	-199.5	323.3	0.00	0.00	0.00
9,400.0	90.30	268.15	7,159.8	1,072.5	-299.5	422.2	0.00	0.00	0.00
9,500.0	90.30	268.15	7,159.3	1,069.3	-399.4	521.1	0.00	0.00	0.00
9,600.0	90.30	268.15	7,158.8	1,066.1	-499.4	620.0	0.00	0.00	0.00
9,700.0	90.30	268.15	7,158.2	1,062.8	-599.3	718.9	0.00	0.00	0.00

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	90.30	268.15	7,157.7	1,059.6	-699.3	817.8	0.00	0.00	0.00
9,900.0	90.30	268.15	7,157.2	1,056.4	-799.2	916.7	0.00	0.00	0.00
10,000.0	90.30	268.15	7,156.7	1,053.2	-899.2	1,015.6	0.00	0.00	0.00
10,100.0	90.30	268.15	7,156.1	1,049.9	-999.1	1,114.5	0.00	0.00	0.00
10,200.0	90.30	268.15	7,155.6	1,046.7	-1,099.1	1,213.3	0.00	0.00	0.00
10,300.0	90.30	268.15	7,155.1	1,043.5	-1,199.0	1,312.2	0.00	0.00	0.00
10,400.0	90.30	268.15	7,154.5	1,040.3	-1,299.0	1,411.1	0.00	0.00	0.00
10,500.0	90.30	268.15	7,154.0	1,037.0	-1,398.9	1,510.0	0.00	0.00	0.00
10,600.0	90.30	268.15	7,153.5	1,033.8	-1,498.8	1,608.9	0.00	0.00	0.00
10,700.0	90.30	268.15	7,152.9	1,030.6	-1,598.8	1,707.8	0.00	0.00	0.00
10,800.0	90.30	268.15	7,152.4	1,027.4	-1,698.7	1,806.7	0.00	0.00	0.00
10,900.0	90.30	268.15	7,151.9	1,024.1	-1,798.7	1,905.6	0.00	0.00	0.00
11,000.0	90.30	268.15	7,151.4	1,020.9	-1,898.6	2,004.5	0.00	0.00	0.00
11,100.0	90.30	268.15	7,150.8	1,017.7	-1,998.6	2,103.4	0.00	0.00	0.00
11,200.0	90.30	268.15	7,150.3	1,014.5	-2,098.5	2,202.3	0.00	0.00	0.00
11,300.0	90.30	268.15	7,149.8	1,011.2	-2,198.5	2,301.2	0.00	0.00	0.00
11,400.0	90.30	268.15	7,149.2	1,008.0	-2,298.4	2,400.1	0.00	0.00	0.00
11,500.0	90.30	268.15	7,148.7	1,004.8	-2,398.4	2,499.0	0.00	0.00	0.00
11,600.0	90.30	268.15	7,148.2	1,001.6	-2,498.3	2,597.9	0.00	0.00	0.00
11,700.0	90.30	268.15	7,147.6	998.4	-2,598.3	2,696.7	0.00	0.00	0.00
11,800.0	90.30	268.15	7,147.1	995.1	-2,698.2	2,795.6	0.00	0.00	0.00
11,900.0	90.30	268.15	7,146.6	991.9	-2,798.2	2,894.5	0.00	0.00	0.00
12,000.0	90.30	268.15	7,146.1	988.7	-2,898.1	2,993.4	0.00	0.00	0.00
12,100.0	90.30	268.15	7,145.5	985.5	-2,998.0	3,092.3	0.00	0.00	0.00
12,200.0	90.30	268.15	7,145.0	982.2	-3,098.0	3,191.2	0.00	0.00	0.00
12,300.0	90.30	268.15	7,144.5	979.0	-3,197.9	3,290.1	0.00	0.00	0.00
12,400.0	90.30	268.15	7,143.9	975.8	-3,297.9	3,389.0	0.00	0.00	0.00
12,500.0	90.30	268.15	7,143.4	972.6	-3,397.8	3,487.9	0.00	0.00	0.00
12,600.0	90.30	268.15	7,142.9	969.3	-3,497.8	3,586.8	0.00	0.00	0.00
12,700.0	90.30	268.15	7,142.3	966.1	-3,597.7	3,685.7	0.00	0.00	0.00
12,800.0	90.30	268.15	7,141.8	962.9	-3,697.7	3,784.6	0.00	0.00	0.00
12,900.0	90.30	268.15	7,141.3	959.7	-3,797.6	3,883.5	0.00	0.00	0.00
13,000.0	90.30	268.15	7,140.8	956.4	-3,897.6	3,982.4	0.00	0.00	0.00
13,100.0	90.30	268.15	7,140.2	953.2	-3,997.5	4,081.3	0.00	0.00	0.00
13,200.0	90.30	268.15	7,139.7	950.0	-4,097.5	4,180.1	0.00	0.00	0.00
13,300.0	90.30	268.15	7,139.2	946.8	-4,197.4	4,279.0	0.00	0.00	0.00
13,400.0	90.30	268.15	7,138.6	943.6	-4,297.4	4,377.9	0.00	0.00	0.00
13,500.0	90.30	268.15	7,138.1	940.3	-4,397.3	4,476.8	0.00	0.00	0.00
13,600.0	90.30	268.15	7,137.6	937.1	-4,497.2	4,575.7	0.00	0.00	0.00
13,700.0	90.30	268.15	7,137.0	933.9	-4,597.2	4,674.6	0.00	0.00	0.00
13,800.0	90.30	268.15	7,136.5	930.7	-4,697.1	4,773.5	0.00	0.00	0.00
13,900.0	90.30	268.15	7,136.0	927.4	-4,797.1	4,872.4	0.00	0.00	0.00
14,000.0	90.30	268.15	7,135.5	924.2	-4,897.0	4,971.3	0.00	0.00	0.00
14,100.0	90.30	268.15	7,134.9	921.0	-4,997.0	5,070.2	0.00	0.00	0.00
14,200.0	90.30	268.15	7,134.4	917.8	-5,096.9	5,169.1	0.00	0.00	0.00
14,300.0	90.30	268.15	7,133.9	914.5	-5,196.9	5,268.0	0.00	0.00	0.00
14,400.0	90.30	268.15	7,133.3	911.3	-5,296.8	5,366.9	0.00	0.00	0.00
14,500.0	90.30	268.15	7,132.8	908.1	-5,396.8	5,465.8	0.00	0.00	0.00
14,600.0	90.30	268.15	7,132.3	904.9	-5,496.7	5,564.6	0.00	0.00	0.00
14,700.0	90.30	268.15	7,131.7	901.6	-5,596.7	5,663.5	0.00	0.00	0.00
14,800.0	90.30	268.15	7,131.2	898.4	-5,696.6	5,762.4	0.00	0.00	0.00
14,900.0	90.30	268.15	7,130.7	895.2	-5,796.5	5,861.3	0.00	0.00	0.00
15,000.0	90.30	268.15	7,130.2	892.0	-5,896.5	5,960.2	0.00	0.00	0.00
15,100.0	90.30	268.15	7,129.6	888.7	-5,996.4	6,059.1	0.00	0.00	0.00

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	90.30	268.15	7,129.1	885.5	-6,096.4	6,158.0	0.00	0.00	0.00
15,300.0	90.30	268.15	7,128.6	882.3	-6,196.3	6,256.9	0.00	0.00	0.00
15,400.0	90.30	268.15	7,128.0	879.1	-6,296.3	6,355.8	0.00	0.00	0.00
15,500.0	90.30	268.15	7,127.5	875.9	-6,396.2	6,454.7	0.00	0.00	0.00
15,600.0	90.30	268.15	7,127.0	872.6	-6,496.2	6,553.6	0.00	0.00	0.00
15,700.0	90.30	268.15	7,126.4	869.4	-6,596.1	6,652.5	0.00	0.00	0.00
15,800.0	90.30	268.15	7,125.9	866.2	-6,696.1	6,751.4	0.00	0.00	0.00
15,900.0	90.30	268.15	7,125.4	863.0	-6,796.0	6,850.3	0.00	0.00	0.00
16,000.0	90.30	268.15	7,124.9	859.7	-6,896.0	6,949.2	0.00	0.00	0.00
16,100.0	90.30	268.15	7,124.3	856.5	-6,995.9	7,048.0	0.00	0.00	0.00
16,200.0	90.30	268.15	7,123.8	853.3	-7,095.9	7,146.9	0.00	0.00	0.00
16,300.0	90.30	268.15	7,123.3	850.1	-7,195.8	7,245.8	0.00	0.00	0.00
16,349.4	90.30	268.15	7,123.0	848.5	-7,245.1	7,294.7	0.00	0.00	0.00
TD at 16349.4 - BHL 2474'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 1381'FSL, 249'FEL - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,425,473.35	3,196,520.18	40.499176	-104.793347
BHL 2474'FSL, 2170'FE - plan hits target center - Point	0.00	0.00	7,123.0	848.5	-7,245.1	1,426,264.03	3,189,268.76	40.501502	-104.819399
LPL 2480'FSL, 1000'FW - plan hits target center - Point	0.00	0.00	7,168.0	1,122.1	1,239.5	1,426,605.29	3,197,750.65	40.502256	-104.788890

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
1,188.4	1,168.9	83.3	146.9	Start 5594.6 hold at 1188.4 MD
6,783.0	6,433.8	1,016.5	1,792.8	Start DLS 10.00 TFO -150.78
7,860.2	7,168.0	1,122.1	1,239.5	Start 8489.2 hold at 7860.2 MD
16,349.4	7,123.0	848.5	-7,245.1	TD at 16349.4

ENSIGN Directional

Bayswater Exploration & Production, LLC

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

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

Anticollision Report

09 October, 2017

BAYSWATER EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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** 10/9/2017

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	16,349.4	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 N-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	14.9	14.3	22.162	CC
Booth N-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	16,349.4	16,414.1	186.2	-251.6	0.425	Level 1, ES, SF
Booth O-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	29.9	29.2	44.318	CC
Booth O-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	16,349.4	16,245.4	338.3	-136.3	0.713	Level 1, ES, SF
Booth P-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	45.2	44.5	67.014	CC
Booth P-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	300.0	300.4	45.6	44.5	40.846	ES
Booth P-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	16,349.4	16,256.3	659.6	173.4	1.357	Level 3, SF
Booth Q-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	60.1	59.5	89.170	CC, ES
Booth Q-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	6,783.0	6,758.6	741.6	663.9	9.549	SF
Booth R-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	75.1	74.4	111.325	CC, ES
Booth R-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	6,100.0	6,076.0	794.3	723.8	11.276	SF
Booth S-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	90.0	89.3	133.481	CC, ES
Booth S-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	4,600.0	4,592.9	791.7	745.0	16.950	SF
Booth T-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	105.3	104.6	156.177	CC, ES
Booth T-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	4,100.0	4,068.5	782.5	742.3	19.439	SF
Booth U-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	120.2	119.6	178.333	CC, ES
Booth U-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	3,800.0	3,743.8	796.3	758.3	20.984	SF
Booth V-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	135.2	134.5	200.489	CC, ES
Booth V-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	3,300.0	3,212.2	797.7	765.8	25.014	SF
Booth W-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	150.1	149.4	222.632	CC, ES
Booth W-8-7HC - Wellbore #1 - Plan #2 (10-05-17)	3,000.0	2,892.5	796.5	767.8	27.812	SF
Booth X-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	200.0	200.0	165.1	164.4	244.793	CC, ES
Booth X-8-7HN - Wellbore #1 - Plan #2 (10-05-17)	2,700.0	2,575.8	787.5	761.7	30.544	SF
Existing Wells Sec.8-T6N-R66W						
Guttersen 2 (P&A) - Wellbore #1 - Wellbore #1	9,534.3	7,138.1	461.1	256.0	2.249	CC, ES, SF
RH Farms 8-31 (Exist) - Wellbore #1 - Wellbore #1	11,999.5	7,131.1	484.6	217.7	1.815	CC
RH Farms 8-31 (Exist) - Wellbore #1 - Wellbore #1	12,000.0	7,131.1	484.6	217.6	1.815	ES, SF
Existing Wells Sec.9-T6N-R66W						
CEI-Gutterson 1 (P&A) - Wellbore #1 - Wellbore #1	3,868.1	3,673.7	20.3	-75.9	0.211	Level 1, CC, ES, SF
Circle B 6-66-9-0164BH - Wellbore #1 - Wellbore #1	8,357.4	9,994.0	18.4	-19.1	0.490	Level 1, CC, ES, SF
Circle B 6-66-9-0164CH - Wellbore #1 - Wellbore #1	8,061.6	9,894.9	10.8	-23.1	0.319	Level 1, CC, ES, SF
Circle B 6-66-9-0263CDH - Wellbore #1 - Wellbore #1	7,819.9	9,950.4	108.7	77.7	3.506	CC, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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
Schaefer 42-7D Pad Sec.7-T6N-R66W						
Schaefer 33-7D - Wellbore #1 - Wellbore #1	16,349.4	7,277.9	496.0	233.9	1.892	CC, ES, SF
Schaefer 7OD - Wellbore #1 - Wellbore #1	16,349.4	7,275.2	695.5	432.0	2.640	CC, ES, SF
Schaefer 7S (Vert.) - Wellbore #1 - Wellbore #1	15,812.4	7,167.8	262.1	-109.6	0.705	Level 1, CC, ES, SF

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	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	66.486	
200.0	200.0	200.0	200.0	0.3	0.3	178.93	-14.9	0.3	14.9	14.3	0.67	22.162	CC
300.0	300.0	300.0	300.0	0.6	0.6	124.02	-14.9	0.3	15.9	14.7	1.12	14.091	
400.0	399.8	399.8	399.8	0.8	0.8	136.97	-14.9	0.3	19.3	17.7	1.59	12.095	
500.0	499.5	500.2	500.2	1.0	1.0	147.81	-14.2	1.9	24.9	22.8	2.07	12.030	
600.0	598.7	600.8	600.6	1.3	1.2	154.16	-11.8	6.6	31.2	28.6	2.55	12.239	
700.0	697.5	701.6	701.1	1.7	1.5	158.05	-7.9	14.5	37.7	34.7	3.03	12.434	
800.0	795.6	802.7	801.4	2.0	1.7	160.51	-2.5	25.6	44.5	40.9	3.54	12.568	
900.0	893.1	904.0	901.4	2.5	2.1	162.08	4.6	40.0	51.3	47.2	4.06	12.631	
1,000.0	989.6	1,005.6	1,001.1	3.0	2.4	163.07	13.2	57.5	58.1	53.5	4.61	12.625	
1,100.0	1,085.3	1,107.4	1,100.2	3.5	2.9	163.65	23.4	78.3	65.0	59.9	5.18	12.553	
1,188.4	1,168.9	1,197.6	1,187.4	4.1	3.3	163.93	33.7	99.3	71.1	65.4	5.72	12.444	
1,200.0	1,179.8	1,209.5	1,198.7	4.2	3.3	163.95	35.2	102.2	71.9	66.1	5.79	12.419	
1,300.0	1,273.9	1,311.9	1,296.5	4.8	3.9	163.62	48.5	129.4	76.7	70.3	6.45	11.886	
1,400.0	1,368.0	1,413.5	1,392.6	5.5	4.5	162.49	63.2	159.3	78.4	71.2	7.19	10.903	
1,500.0	1,462.1	1,513.5	1,486.8	6.2	5.2	161.22	78.0	189.4	79.4	71.4	7.97	9.959	
1,600.0	1,556.3	1,613.5	1,581.0	6.9	5.8	159.98	92.8	219.4	80.4	71.6	8.80	9.144	
1,700.0	1,650.4	1,713.5	1,675.2	7.6	6.5	158.77	107.5	249.5	81.5	71.9	9.66	8.440	
1,800.0	1,744.5	1,813.4	1,769.4	8.3	7.2	157.60	122.3	279.5	82.6	72.1	10.55	7.828	
1,900.0	1,838.6	1,913.4	1,863.6	9.0	7.9	156.46	137.1	309.6	83.8	72.3	11.48	7.294	
2,000.0	1,932.7	2,013.4	1,957.8	9.6	8.5	155.35	151.8	339.6	84.9	72.5	12.45	6.825	
2,100.0	2,026.8	2,113.4	2,052.0	10.3	9.2	154.27	166.6	369.7	86.2	72.7	13.44	6.412	
2,200.0	2,120.9	2,213.4	2,146.2	11.0	9.9	153.22	181.4	399.7	87.4	72.9	14.46	6.046	
2,300.0	2,215.0	2,313.3	2,240.5	11.7	10.6	152.20	196.1	429.8	88.7	73.2	15.50	5.720	
2,400.0	2,309.1	2,413.3	2,334.7	12.4	11.3	151.20	210.9	459.8	90.0	73.4	16.57	5.429	
2,500.0	2,403.2	2,513.3	2,428.9	13.1	12.0	150.24	225.7	489.9	91.3	73.6	17.67	5.167	
2,600.0	2,497.3	2,613.3	2,523.1	13.8	12.7	149.31	240.4	519.9	92.6	73.9	18.78	4.932	
2,700.0	2,591.4	2,713.3	2,617.3	14.5	13.4	148.40	255.2	550.0	94.0	74.1	19.92	4.720	
2,800.0	2,685.5	2,813.2	2,711.5	15.2	14.1	147.52	270.0	580.0	95.4	74.3	21.07	4.527	
2,900.0	2,779.6	2,913.2	2,805.7	15.9	14.8	146.66	284.7	610.1	96.8	74.6	22.24	4.352	
3,000.0	2,873.7	3,013.2	2,899.9	16.6	15.5	145.83	299.5	640.1	98.3	74.8	23.43	4.193	
3,100.0	2,967.9	3,113.2	2,994.1	17.3	16.1	145.02	314.3	670.2	99.7	75.1	24.64	4.047	
3,200.0	3,062.0	3,213.2	3,088.3	18.0	16.8	144.24	329.0	700.2	101.2	75.3	25.86	3.913	
3,300.0	3,156.1	3,313.1	3,182.5	18.7	17.5	143.48	343.8	730.3	102.7	75.6	27.09	3.790	
3,400.0	3,250.2	3,413.1	3,276.7	19.4	18.2	142.74	358.6	760.3	104.2	75.9	28.34	3.677	
3,500.0	3,344.3	3,513.1	3,370.9	20.1	18.9	142.02	373.3	790.4	105.7	76.1	29.59	3.573	
3,600.0	3,438.4	3,613.1	3,465.1	20.9	19.6	141.33	388.1	820.4	107.3	76.4	30.86	3.476	
3,700.0	3,532.5	3,713.1	3,559.3	21.6	20.3	140.65	402.9	850.4	108.8	76.7	32.14	3.386	
3,800.0	3,626.6	3,813.0	3,653.6	22.3	21.0	139.99	417.6	880.5	110.4	77.0	33.43	3.303	

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 M-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 M-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
3,900.0	3,720.7	3,913.0	3,747.8	23.0	21.7	139.35	432.4	910.5	112.0	77.3	34.72	3.225	
4,000.0	3,814.8	4,013.0	3,842.0	23.7	22.4	138.73	447.2	940.6	113.6	77.6	36.03	3.153	
4,100.0	3,908.9	4,113.0	3,936.2	24.4	23.1	138.13	462.0	970.6	115.2	77.9	37.34	3.086	
4,200.0	4,003.0	4,213.0	4,030.4	25.1	23.8	137.54	476.7	1,000.7	116.8	78.2	38.66	3.022	
4,300.0	4,097.1	4,312.9	4,124.6	25.8	24.5	136.97	491.5	1,030.7	118.5	78.5	39.99	2.963	
4,400.0	4,191.2	4,412.9	4,218.8	26.5	25.2	136.41	506.3	1,060.8	120.1	78.8	41.32	2.908	
4,500.0	4,285.4	4,512.9	4,313.0	27.2	25.9	135.87	521.0	1,090.8	121.8	79.2	42.66	2.856	
4,600.0	4,379.5	4,612.9	4,407.2	27.9	26.6	135.35	535.8	1,120.9	123.5	79.5	44.00	2.806	
4,700.0	4,473.6	4,712.9	4,501.4	28.6	27.3	134.83	550.6	1,150.9	125.2	79.8	45.35	2.760	
4,800.0	4,567.7	4,812.8	4,595.6	29.3	28.0	134.34	565.3	1,181.0	126.9	80.2	46.70	2.717	
4,900.0	4,661.8	4,912.8	4,689.8	30.0	28.7	133.85	580.1	1,211.0	128.6	80.5	48.06	2.675	
5,000.0	4,755.9	5,012.8	4,784.0	30.7	29.4	133.38	594.9	1,241.1	130.3	80.9	49.42	2.636	
5,100.0	4,850.0	5,112.8	4,878.2	31.4	30.1	132.92	609.6	1,271.1	132.0	81.2	50.78	2.599	
5,200.0	4,944.1	5,212.8	4,972.5	32.1	30.8	132.47	624.4	1,301.2	133.7	81.6	52.15	2.564	
5,300.0	5,038.2	5,312.7	5,066.7	32.8	31.5	132.03	639.2	1,331.2	135.5	81.9	53.52	2.531	
5,400.0	5,132.3	5,412.7	5,160.9	33.5	32.2	131.61	653.9	1,361.3	137.2	82.3	54.89	2.500	
5,500.0	5,226.4	5,512.7	5,255.1	34.2	32.9	131.19	668.7	1,391.3	139.0	82.7	56.27	2.470	
5,600.0	5,320.5	5,612.7	5,349.3	34.9	33.6	130.79	683.5	1,421.4	140.7	83.1	57.65	2.441	
5,700.0	5,414.6	5,712.7	5,443.5	35.6	34.3	130.40	698.2	1,451.4	142.5	83.5	59.03	2.414	
5,800.0	5,508.7	5,812.6	5,537.7	36.3	35.0	130.01	713.0	1,481.5	144.3	83.8	60.41	2.388	
5,900.0	5,602.8	5,912.6	5,631.9	37.0	35.7	129.64	727.8	1,511.5	146.0	84.2	61.79	2.363	
6,000.0	5,697.0	6,012.6	5,726.1	37.7	36.4	129.27	742.5	1,541.6	147.8	84.6	63.18	2.340	
6,100.0	5,791.1	6,112.6	5,820.3	38.4	37.1	128.91	757.3	1,571.6	149.6	85.0	64.57	2.317	
6,200.0	5,885.2	6,212.6	5,914.5	39.1	37.8	128.56	772.1	1,601.7	151.4	85.4	65.96	2.295	
6,300.0	5,979.3	6,312.5	6,008.7	39.8	38.5	128.22	786.8	1,631.7	153.2	85.9	67.35	2.275	
6,400.0	6,073.4	6,412.5	6,102.9	40.5	39.2	127.89	801.6	1,661.8	155.0	86.3	68.74	2.255	
6,500.0	6,167.5	6,512.5	6,197.1	41.2	39.9	127.56	816.4	1,691.8	156.8	86.7	70.14	2.236	
6,600.0	6,261.6	6,612.5	6,291.3	41.9	40.6	127.25	831.1	1,721.9	158.6	87.1	71.53	2.218	
6,700.0	6,355.7	6,712.5	6,385.6	42.6	41.3	126.94	845.9	1,751.9	160.5	87.5	72.93	2.200	
6,783.0	6,433.8	6,795.4	6,463.7	43.2	41.9	126.68	858.2	1,776.8	162.0	87.9	74.09	2.186	
6,800.0	6,449.9	6,812.4	6,479.8	43.3	42.0	129.07	860.7	1,782.0	162.3	87.9	74.36	2.182	
6,850.0	6,497.9	6,861.8	6,526.3	43.6	42.3	138.06	868.0	1,796.6	162.8	87.2	75.62	2.152	
6,900.0	6,546.7	6,910.2	6,572.8	43.7	42.5	153.65	875.2	1,808.1	163.3	86.4	76.94	2.122	
6,950.0	6,595.9	6,959.1	6,620.5	43.8	42.7	178.44	882.4	1,815.6	164.0	85.9	78.12	2.099	
7,000.0	6,645.2	7,008.4	6,669.2	43.9	42.8	-154.95	889.6	1,818.9	164.8	85.7	79.11	2.083	
7,050.0	6,694.1	7,058.1	6,718.3	43.9	42.9	-136.77	896.8	1,818.0	165.8	85.9	79.91	2.075	
7,100.0	6,742.4	7,108.3	6,767.7	43.9	42.9	-126.56	903.9	1,812.8	167.0	86.5	80.50	2.075	
7,150.0	6,789.6	7,158.9	6,816.9	43.8	42.8	-120.94	910.8	1,803.1	168.3	87.4	80.85	2.082	
7,200.0	6,835.3	7,210.0	6,865.5	43.7	42.8	-117.82	917.5	1,788.8	169.7	88.7	80.96	2.096	
7,250.0	6,879.4	7,261.6	6,913.2	43.6	42.7	-116.11	923.9	1,770.1	171.2	90.4	80.83	2.118	
7,300.0	6,921.3	7,313.7	6,959.4	43.5	42.5	-115.23	929.9	1,746.9	172.8	92.3	80.48	2.147	
7,350.0	6,960.7	7,366.3	7,003.8	43.3	42.4	-114.88	935.6	1,719.3	174.4	94.5	79.92	2.182	
7,400.0	6,997.5	7,419.4	7,045.8	43.1	42.2	-114.84	940.8	1,687.4	176.0	96.9	79.17	2.223	
7,450.0	7,031.3	7,472.9	7,085.1	42.9	42.0	-115.00	945.4	1,651.4	177.6	99.3	78.28	2.269	
7,500.0	7,061.7	7,526.8	7,121.2	42.8	41.8	-115.27	949.4	1,611.6	179.2	101.9	77.29	2.318	
7,550.0	7,088.8	7,581.1	7,153.6	42.6	41.6	-115.60	952.8	1,568.2	180.6	104.4	76.24	2.369	
7,600.0	7,112.1	7,635.8	7,182.1	42.4	41.5	-115.95	955.5	1,521.5	181.9	106.7	75.17	2.420	
7,650.0	7,131.5	7,690.8	7,206.1	42.3	41.3	-116.29	957.5	1,472.1	183.0	108.9	74.14	2.469	
7,700.0	7,146.9	7,746.1	7,225.4	42.1	41.2	-116.60	958.7	1,420.3	184.0	110.8	73.19	2.514	
7,750.0	7,158.2	7,801.6	7,239.8	42.0	41.0	-116.87	959.1	1,366.7	184.8	112.4	72.37	2.553	
7,800.0	7,165.2	7,857.3	7,249.0	41.9	41.0	-117.08	958.7	1,311.8	185.3	113.6	71.70	2.584	
7,850.0	7,168.0	7,913.2	7,252.9	41.8	40.9	-117.23	957.6	1,256.2	185.6	114.4	71.21	2.606	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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
7,860.2	7,168.0	7,924.6	7,253.0	41.8	40.9	-117.26	957.2	1,244.8	185.6	114.5	71.13	2.609	
7,900.0	7,167.8	7,964.8	7,252.8	41.8	40.9	-117.26	955.9	1,204.6	185.6	114.3	71.35	2.601	
8,000.0	7,167.3	8,064.8	7,252.3	41.8	41.0	-117.27	952.7	1,104.6	185.6	113.5	72.14	2.573	
8,100.0	7,166.7	8,164.8	7,251.8	42.0	41.3	-117.28	949.5	1,004.7	185.6	112.4	73.27	2.534	
8,200.0	7,166.2	8,264.8	7,251.3	42.4	41.8	-117.29	946.3	904.8	185.6	110.9	74.71	2.485	
8,300.0	7,165.7	8,364.8	7,250.8	42.9	42.4	-117.29	943.1	804.8	185.6	109.2	76.46	2.428	
8,400.0	7,165.1	8,464.8	7,250.3	43.6	43.2	-117.30	939.8	704.9	185.6	107.2	78.49	2.365	
8,500.0	7,164.6	8,564.8	7,249.8	44.6	44.3	-117.31	936.6	604.9	185.7	104.9	80.79	2.298	
8,600.0	7,164.1	8,664.8	7,249.3	45.7	45.5	-117.31	933.4	505.0	185.7	102.3	83.32	2.228	
8,700.0	7,163.5	8,764.8	7,248.8	46.9	46.8	-117.32	930.2	405.0	185.7	99.6	86.08	2.157	
8,800.0	7,163.0	8,864.8	7,248.3	48.4	48.3	-117.33	927.0	305.1	185.7	96.6	89.04	2.085	
8,900.0	7,162.5	8,964.8	7,247.8	49.9	49.9	-117.33	923.7	205.1	185.7	93.5	92.17	2.015	
9,000.0	7,162.0	9,064.8	7,247.2	51.6	51.7	-117.34	920.5	105.2	185.7	90.2	95.47	1.945	
9,100.0	7,161.4	9,164.8	7,246.7	53.5	53.5	-117.35	917.3	5.2	185.7	86.8	98.91	1.877	
9,200.0	7,160.9	9,264.8	7,246.2	55.4	55.4	-117.36	914.1	-94.7	185.7	83.2	102.48	1.812	
9,300.0	7,160.4	9,364.8	7,245.7	57.4	57.5	-117.36	910.9	-194.7	185.7	79.5	106.17	1.749	
9,400.0	7,159.8	9,464.8	7,245.2	59.4	59.5	-117.37	907.6	-294.6	185.7	75.7	109.97	1.689	
9,500.0	7,159.3	9,564.8	7,244.7	61.6	61.7	-117.38	904.4	-394.6	185.7	71.9	113.86	1.631	
9,600.0	7,158.8	9,664.8	7,244.2	63.8	63.9	-117.38	901.2	-494.5	185.7	67.9	117.84	1.576	
9,700.0	7,158.2	9,764.8	7,243.7	66.0	66.2	-117.39	898.0	-594.4	185.7	63.8	121.89	1.524	
9,800.0	7,157.7	9,864.8	7,243.2	68.3	68.4	-117.40	894.8	-694.4	185.7	59.7	126.01	1.474	Level 3
9,900.0	7,157.2	9,964.8	7,242.7	70.7	70.8	-117.41	891.5	-794.3	185.8	55.6	130.20	1.427	Level 3
10,000.0	7,156.7	10,064.8	7,242.2	73.0	73.2	-117.41	888.3	-894.3	185.8	51.3	134.44	1.382	Level 3
10,100.0	7,156.1	10,164.8	7,241.7	75.4	75.6	-117.42	885.1	-994.2	185.8	47.0	138.74	1.339	Level 3
10,200.0	7,155.6	10,264.8	7,241.2	77.9	78.0	-117.43	881.9	-1,094.2	185.8	42.7	143.08	1.298	Level 3
10,300.0	7,155.1	10,364.8	7,240.7	80.3	80.4	-117.43	878.7	-1,194.1	185.8	38.3	147.47	1.260	Level 3
10,400.0	7,154.5	10,464.8	7,240.2	82.8	82.9	-117.44	875.4	-1,294.1	185.8	33.9	151.89	1.223	Level 2
10,500.0	7,154.0	10,564.8	7,239.6	85.3	85.4	-117.45	872.2	-1,394.0	185.8	29.4	156.35	1.188	Level 2
10,600.0	7,153.5	10,664.8	7,239.1	87.8	87.9	-117.46	869.0	-1,494.0	185.8	25.0	160.84	1.155	Level 2
10,700.0	7,152.9	10,764.8	7,238.6	90.3	90.5	-117.46	865.8	-1,593.9	185.8	20.4	165.36	1.124	Level 2
10,800.0	7,152.4	10,864.8	7,238.1	92.9	93.0	-117.47	862.6	-1,693.9	185.8	15.9	169.91	1.094	Level 2
10,900.0	7,151.9	10,964.8	7,237.6	95.5	95.6	-117.48	859.4	-1,793.8	185.8	11.3	174.49	1.065	Level 2
11,000.0	7,151.4	11,064.8	7,237.1	98.0	98.2	-117.48	856.1	-1,893.8	185.8	6.7	179.09	1.038	Level 2
11,100.0	7,150.8	11,164.8	7,236.6	100.6	100.8	-117.49	852.9	-1,993.7	185.8	2.1	183.70	1.012	Level 2
11,200.0	7,150.3	11,264.8	7,236.1	103.2	103.4	-117.50	849.7	-2,093.7	185.8	-2.5	188.34	0.987	Level 1
11,300.0	7,149.8	11,364.8	7,235.6	105.8	106.0	-117.50	846.5	-2,193.6	185.9	-7.2	193.00	0.963	Level 1
11,400.0	7,149.2	11,464.8	7,235.1	108.5	108.6	-117.51	843.3	-2,293.5	185.9	-11.8	197.68	0.940	Level 1
11,500.0	7,148.7	11,564.8	7,234.6	111.1	111.2	-117.52	840.0	-2,393.5	185.9	-16.5	202.37	0.918	Level 1
11,600.0	7,148.2	11,664.8	7,234.1	113.7	113.9	-117.53	836.8	-2,493.4	185.9	-21.2	207.07	0.898	Level 1
11,700.0	7,147.6	11,764.8	7,233.6	116.4	116.5	-117.53	833.6	-2,593.4	185.9	-25.9	211.79	0.878	Level 1
11,800.0	7,147.1	11,864.8	7,233.1	119.0	119.2	-117.54	830.4	-2,693.3	185.9	-30.6	216.52	0.859	Level 1
11,900.0	7,146.6	11,964.8	7,232.6	121.7	121.8	-117.55	827.2	-2,793.3	185.9	-35.4	221.26	0.840	Level 1
12,000.0	7,146.1	12,064.8	7,232.0	124.4	124.5	-117.55	823.9	-2,893.2	185.9	-40.1	226.02	0.822	Level 1
12,100.0	7,145.5	12,164.8	7,231.5	127.0	127.2	-117.56	820.7	-2,993.2	185.9	-44.9	230.78	0.806	Level 1
12,200.0	7,145.0	12,264.8	7,231.0	129.7	129.8	-117.57	817.5	-3,093.1	185.9	-49.6	235.56	0.789	Level 1
12,300.0	7,144.5	12,364.8	7,230.5	132.4	132.5	-117.58	814.3	-3,193.1	185.9	-54.4	240.34	0.774	Level 1
12,400.0	7,143.9	12,464.8	7,230.0	135.1	135.2	-117.58	811.1	-3,293.0	185.9	-59.2	245.13	0.758	Level 1
12,500.0	7,143.4	12,564.8	7,229.5	137.8	137.9	-117.59	807.8	-3,393.0	185.9	-64.0	249.93	0.744	Level 1
12,600.0	7,142.9	12,664.8	7,229.0	140.5	140.6	-117.60	804.6	-3,492.9	185.9	-68.8	254.74	0.730	Level 1
12,700.0	7,142.3	12,764.8	7,228.5	143.2	143.3	-117.60	801.4	-3,592.9	185.9	-73.6	259.56	0.716	Level 1
12,800.0	7,141.8	12,864.8	7,228.0	145.9	146.0	-117.61	798.2	-3,692.8	186.0	-78.4	264.38	0.703	Level 1
12,900.0	7,141.3	12,964.8	7,227.5	148.6	148.7	-117.62	795.0	-3,792.7	186.0	-83.2	269.20	0.691	Level 1

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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
13,000.0	7,140.8	13,064.8	7,227.0	151.3	151.4	-117.62	791.7	-3,892.7	186.0	-88.1	274.04	0.679	Level 1
13,100.0	7,140.2	13,164.8	7,226.5	154.0	154.1	-117.63	788.5	-3,992.6	186.0	-92.9	278.88	0.667	Level 1
13,200.0	7,139.7	13,264.8	7,226.0	156.7	156.8	-117.64	785.3	-4,092.6	186.0	-97.7	283.72	0.656	Level 1
13,300.0	7,139.2	13,364.8	7,225.5	159.5	159.6	-117.65	782.1	-4,192.5	186.0	-102.6	288.57	0.645	Level 1
13,400.0	7,138.6	13,464.8	7,225.0	162.2	162.3	-117.65	778.9	-4,292.5	186.0	-107.4	293.42	0.634	Level 1
13,500.0	7,138.1	13,564.8	7,224.5	164.9	165.0	-117.66	775.7	-4,392.4	186.0	-112.3	298.28	0.624	Level 1
13,600.0	7,137.6	13,664.8	7,223.9	167.6	167.7	-117.67	772.4	-4,492.4	186.0	-117.1	303.14	0.614	Level 1
13,700.0	7,137.0	13,764.8	7,223.4	170.4	170.5	-117.67	769.2	-4,592.3	186.0	-122.0	308.01	0.604	Level 1
13,800.0	7,136.5	13,864.8	7,222.9	173.1	173.2	-117.68	766.0	-4,692.3	186.0	-126.9	312.88	0.595	Level 1
13,900.0	7,136.0	13,964.8	7,222.4	175.8	176.0	-117.69	762.8	-4,792.2	186.0	-131.7	317.75	0.585	Level 1
14,000.0	7,135.5	14,064.8	7,221.9	178.6	178.7	-117.70	759.6	-4,892.2	186.0	-136.6	322.63	0.577	Level 1
14,100.0	7,134.9	14,164.8	7,221.4	181.3	181.4	-117.70	756.3	-4,992.1	186.0	-141.5	327.51	0.568	Level 1
14,200.0	7,134.4	14,264.8	7,220.9	184.1	184.2	-117.71	753.1	-5,092.1	186.1	-146.3	332.39	0.560	Level 1
14,300.0	7,133.9	14,364.8	7,220.4	186.8	186.9	-117.72	749.9	-5,192.0	186.1	-151.2	337.28	0.552	Level 1
14,400.0	7,133.3	14,464.8	7,219.9	189.5	189.7	-117.72	746.7	-5,292.0	186.1	-156.1	342.16	0.544	Level 1
14,500.0	7,132.8	14,564.8	7,219.4	192.3	192.4	-117.73	743.5	-5,391.9	186.1	-161.0	347.06	0.536	Level 1
14,600.0	7,132.3	14,664.8	7,218.9	195.0	195.2	-117.74	740.2	-5,491.8	186.1	-165.9	351.95	0.529	Level 1
14,700.0	7,131.7	14,764.8	7,218.4	197.8	197.9	-117.75	737.0	-5,591.8	186.1	-170.8	356.84	0.521	Level 1
14,800.0	7,131.2	14,864.8	7,217.9	200.5	200.7	-117.75	733.8	-5,691.7	186.1	-175.6	361.74	0.514	Level 1
14,900.0	7,130.7	14,964.8	7,217.4	203.3	203.4	-117.76	730.6	-5,791.7	186.1	-180.5	366.64	0.508	Level 1
15,000.0	7,130.2	15,064.8	7,216.9	206.0	206.2	-117.77	727.4	-5,891.6	186.1	-185.4	371.54	0.501	Level 1
15,100.0	7,129.6	15,164.8	7,216.3	208.8	208.9	-117.77	724.1	-5,991.6	186.1	-190.3	376.45	0.494	Level 1
15,200.0	7,129.1	15,264.8	7,215.8	211.6	211.7	-117.78	720.9	-6,091.5	186.1	-195.2	381.35	0.488	Level 1
15,300.0	7,128.6	15,364.8	7,215.3	214.3	214.4	-117.79	717.7	-6,191.5	186.1	-200.1	386.26	0.482	Level 1
15,400.0	7,128.0	15,464.8	7,214.8	217.1	217.2	-117.79	714.5	-6,291.4	186.1	-205.0	391.17	0.476	Level 1
15,500.0	7,127.5	15,564.8	7,214.3	219.8	220.0	-117.80	711.3	-6,391.4	186.1	-209.9	396.08	0.470	Level 1
15,600.0	7,127.0	15,664.8	7,213.8	222.6	222.7	-117.81	708.0	-6,491.3	186.2	-214.8	400.99	0.464	Level 1
15,700.0	7,126.4	15,764.8	7,213.3	225.4	225.5	-117.82	704.8	-6,591.3	186.2	-219.7	405.90	0.459	Level 1
15,800.0	7,125.9	15,864.8	7,212.8	228.1	228.2	-117.82	701.6	-6,691.2	186.2	-224.6	410.82	0.453	Level 1
15,900.0	7,125.4	15,964.8	7,212.3	230.9	231.0	-117.83	698.4	-6,791.2	186.2	-229.6	415.73	0.448	Level 1
16,000.0	7,124.9	16,064.8	7,211.8	233.7	233.8	-117.84	695.2	-6,891.1	186.2	-234.5	420.65	0.443	Level 1
16,100.0	7,124.3	16,164.8	7,211.3	236.4	236.5	-117.84	692.0	-6,991.0	186.2	-239.4	425.57	0.438	Level 1
16,200.0	7,123.8	16,264.8	7,210.8	239.2	239.3	-117.85	688.7	-7,091.0	186.2	-244.3	430.48	0.433	Level 1
16,300.0	7,123.3	16,364.8	7,210.3	242.0	242.1	-117.86	685.5	-7,190.9	186.2	-249.2	435.40	0.428	Level 1
16,349.4	7,123.0	16,414.1	7,210.0	243.3	243.4	-117.86	683.9	-7,240.3	186.2	-251.6	437.83	0.425	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	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	132.953	
200.0	200.0	200.0	200.0	0.3	0.3	178.93	-29.9	0.6	29.9	29.2	0.67	44.318	CC
300.0	300.0	300.0	300.0	0.6	0.6	121.33	-29.9	0.6	30.8	29.6	1.12	27.359	
400.0	399.8	399.8	399.8	0.8	0.8	128.88	-29.9	0.6	33.8	32.2	1.59	21.266	
500.0	499.5	499.5	499.5	1.0	1.0	138.59	-29.9	0.6	39.8	37.8	2.07	19.211	
600.0	598.7	598.7	598.7	1.3	1.2	147.81	-29.9	0.6	49.6	47.1	2.57	19.322	
700.0	697.5	699.3	699.3	1.7	1.5	154.51	-29.2	2.1	62.0	59.0	3.06	20.298	
800.0	795.6	800.4	800.3	2.0	1.7	158.63	-27.2	7.0	75.1	71.6	3.54	21.248	
900.0	893.1	902.0	901.5	2.5	1.9	161.25	-23.8	15.3	88.6	84.6	4.03	21.995	
1,000.0	989.6	1,004.1	1,002.8	3.0	2.2	162.92	-19.0	26.8	102.3	97.8	4.54	22.541	
1,100.0	1,085.3	1,106.7	1,104.1	3.5	2.5	163.97	-12.8	41.9	116.1	111.1	5.07	22.901	
1,188.4	1,168.9	1,197.9	1,193.5	4.1	2.8	164.54	-6.1	58.0	128.4	122.9	5.56	23.081	
1,200.0	1,179.8	1,209.9	1,205.3	4.2	2.8	164.60	-5.1	60.3	130.0	124.4	5.63	23.087	
1,300.0	1,273.9	1,313.7	1,306.4	4.8	3.3	164.75	4.0	82.3	141.9	135.7	6.23	22.771	
1,400.0	1,368.0	1,418.3	1,407.2	5.5	3.7	164.33	14.5	107.8	150.4	143.5	6.88	21.847	
1,500.0	1,462.1	1,523.3	1,507.4	6.2	4.3	163.41	26.6	136.8	155.6	148.0	7.60	20.459	
1,600.0	1,556.3	1,627.9	1,606.0	6.9	4.9	161.99	39.9	169.1	157.5	149.1	8.40	18.751	
1,700.0	1,650.4	1,727.8	1,699.7	7.6	5.6	160.43	53.2	201.2	158.1	148.9	9.25	17.092	
1,800.0	1,744.5	1,827.7	1,793.4	8.3	6.3	158.89	66.5	233.3	158.9	148.7	10.15	15.646	
1,900.0	1,838.6	1,927.6	1,887.0	9.0	7.0	157.36	79.8	265.4	159.8	148.6	11.11	14.380	
2,000.0	1,932.7	2,027.6	1,980.7	9.6	7.6	155.85	93.1	297.5	160.7	148.6	12.11	13.271	
2,100.0	2,026.8	2,127.5	2,074.4	10.3	8.3	154.36	106.4	329.6	161.9	148.7	13.16	12.296	
2,200.0	2,120.9	2,227.4	2,168.0	11.0	9.0	152.89	119.7	361.7	163.1	148.8	14.26	11.436	
2,300.0	2,215.0	2,327.3	2,261.7	11.7	9.7	151.45	133.0	393.8	164.4	149.0	15.40	10.677	
2,400.0	2,309.1	2,427.2	2,355.4	12.4	10.5	150.02	146.3	425.9	165.8	149.2	16.57	10.004	
2,500.0	2,403.2	2,527.1	2,449.1	13.1	11.2	148.63	159.6	458.0	167.3	149.5	17.79	9.406	
2,600.0	2,497.3	2,627.0	2,542.7	13.8	11.9	147.25	172.9	490.1	168.9	149.9	19.04	8.873	
2,700.0	2,591.4	2,726.9	2,636.4	14.5	12.6	145.91	186.1	522.2	170.7	150.3	20.32	8.397	
2,800.0	2,685.5	2,826.8	2,730.1	15.2	13.3	144.59	199.4	554.3	172.5	150.8	21.64	7.971	
2,900.0	2,779.6	2,926.7	2,823.7	15.9	14.0	143.30	212.7	586.4	174.4	151.4	22.98	7.588	
3,000.0	2,873.7	3,026.6	2,917.4	16.6	14.8	142.04	226.0	618.5	176.3	152.0	24.35	7.243	
3,100.0	2,967.9	3,126.5	3,011.1	17.3	15.5	140.81	239.3	650.6	178.4	152.7	25.74	6.931	
3,200.0	3,062.0	3,226.4	3,104.7	18.0	16.2	139.60	252.6	682.7	180.5	153.4	27.15	6.649	
3,300.0	3,156.1	3,326.3	3,198.4	18.7	16.9	138.43	265.9	714.8	182.8	154.2	28.59	6.394	
3,400.0	3,250.2	3,426.2	3,292.1	19.4	17.6	137.28	279.2	746.9	185.1	155.0	30.04	6.161	
3,500.0	3,344.3	3,526.1	3,385.7	20.1	18.4	136.16	292.5	779.0	187.4	155.9	31.50	5.950	
3,600.0	3,438.4	3,626.0	3,479.4	20.9	19.1	135.07	305.8	811.1	189.9	156.9	32.98	5.757	
3,700.0	3,532.5	3,726.0	3,573.1	21.6	19.8	134.01	319.1	843.2	192.4	157.9	34.48	5.580	
3,800.0	3,626.6	3,825.9	3,666.8	22.3	20.5	132.97	332.4	875.3	195.0	159.0	35.98	5.418	
3,900.0	3,720.7	3,925.8	3,760.4	23.0	21.3	131.97	345.7	907.4	197.6	160.1	37.50	5.270	
4,000.0	3,814.8	4,025.7	3,854.1	23.7	22.0	130.99	359.0	939.5	200.3	161.3	39.02	5.133	
4,100.0	3,908.9	4,125.6	3,947.8	24.4	22.7	130.03	372.2	971.6	203.0	162.5	40.55	5.007	
4,200.0	4,003.0	4,225.5	4,041.4	25.1	23.4	129.10	385.5	1,003.7	205.8	163.8	42.09	4.891	
4,300.0	4,097.1	4,325.4	4,135.1	25.8	24.2	128.20	398.8	1,035.8	208.7	165.1	43.63	4.783	
4,400.0	4,191.2	4,425.3	4,228.8	26.5	24.9	127.32	412.1	1,067.9	211.6	166.4	45.18	4.684	
4,500.0	4,285.4	4,525.2	4,322.4	27.2	25.6	126.47	425.4	1,100.0	214.6	167.8	46.73	4.592	
4,600.0	4,379.5	4,625.1	4,416.1	27.9	26.3	125.64	438.7	1,132.1	217.6	169.3	48.28	4.506	
4,700.0	4,473.6	4,725.0	4,509.8	28.6	27.1	124.83	452.0	1,164.2	220.6	170.8	49.84	4.427	
4,800.0	4,567.7	4,824.9	4,603.5	29.3	27.8	124.04	465.3	1,196.3	223.7	172.3	51.40	4.353	
4,900.0	4,661.8	4,924.8	4,697.1	30.0	28.5	123.28	478.6	1,228.4	226.8	173.9	52.95	4.284	
5,000.0	4,755.9	5,024.7	4,790.8	30.7	29.3	122.53	491.9	1,260.5	230.0	175.5	54.51	4.219	

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 M-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 M-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
5,100.0	4,850.0	5,124.6	4,884.5	31.4	30.0	121.81	505.2	1,292.6	233.2	177.2	56.07	4.159	
5,200.0	4,944.1	5,224.5	4,978.1	32.1	30.7	121.11	518.5	1,324.7	236.5	178.8	57.63	4.103	
5,300.0	5,038.2	5,324.4	5,071.8	32.8	31.4	120.42	531.8	1,356.8	239.8	180.6	59.19	4.050	
5,400.0	5,132.3	5,424.3	5,165.5	33.5	32.2	119.76	545.1	1,388.9	243.1	182.3	60.75	4.001	
5,500.0	5,226.4	5,524.3	5,259.1	34.2	32.9	119.11	558.4	1,421.0	246.4	184.1	62.31	3.955	
5,600.0	5,320.5	5,624.2	5,352.8	34.9	33.6	118.48	571.6	1,453.1	249.8	185.9	63.87	3.911	
5,700.0	5,414.6	5,724.1	5,446.5	35.6	34.3	117.86	584.9	1,485.2	253.2	187.8	65.42	3.870	
5,800.0	5,508.7	5,824.0	5,540.2	36.3	35.1	117.27	598.2	1,517.3	256.6	189.7	66.98	3.832	
5,900.0	5,602.8	5,923.9	5,633.8	37.0	35.8	116.69	611.5	1,549.4	260.1	191.6	68.53	3.795	
6,000.0	5,697.0	6,023.8	5,727.5	37.7	36.5	116.12	624.8	1,581.5	263.6	193.5	70.08	3.761	
6,100.0	5,791.1	6,123.7	5,821.2	38.4	37.3	115.57	638.1	1,613.6	267.1	195.5	71.63	3.729	
6,200.0	5,885.2	6,223.6	5,914.8	39.1	38.0	115.03	651.4	1,645.7	270.6	197.4	73.18	3.698	
6,300.0	5,979.3	6,323.5	6,008.5	39.8	38.7	114.51	664.7	1,677.8	274.2	199.5	74.72	3.669	
6,400.0	6,073.4	6,423.4	6,102.2	40.5	39.4	114.00	678.0	1,709.9	277.8	201.5	76.26	3.642	
6,500.0	6,167.5	6,523.3	6,195.8	41.2	40.2	113.50	691.3	1,742.0	281.4	203.6	77.80	3.616	
6,600.0	6,261.6	6,623.2	6,289.5	41.9	40.9	113.02	704.6	1,774.1	285.0	205.6	79.34	3.592	
6,700.0	6,355.7	6,725.8	6,386.5	42.6	41.5	113.04	718.3	1,804.6	288.4	207.8	80.62	3.577	
6,783.0	6,433.8	6,811.3	6,470.0	43.2	41.8	115.46	729.6	1,818.1	290.3	209.8	80.50	3.606	
6,800.0	6,449.9	6,828.4	6,486.9	43.3	41.9	118.73	731.9	1,819.3	290.7	210.4	80.31	3.620	
6,850.0	6,497.9	6,877.8	6,535.9	43.6	41.9	131.25	738.3	1,819.8	292.1	212.6	79.58	3.671	
6,900.0	6,546.7	6,926.3	6,583.9	43.7	42.0	150.71	744.5	1,816.2	294.0	215.3	78.69	3.736	
6,950.0	6,595.9	6,974.0	6,630.6	43.8	41.9	179.35	750.4	1,808.7	296.3	218.6	77.70	3.813	
7,000.0	6,645.2	7,020.9	6,675.8	43.9	41.9	-150.25	756.0	1,797.5	298.9	222.3	76.65	3.900	
7,050.0	6,694.1	7,067.1	6,719.3	43.9	41.8	-128.37	761.2	1,782.8	301.8	226.2	75.58	3.993	
7,100.0	6,742.4	7,112.7	6,760.9	43.9	41.7	-114.57	766.1	1,765.0	304.9	230.4	74.52	4.091	
7,150.0	6,789.6	7,157.6	6,800.5	43.8	41.6	-105.51	770.6	1,744.2	308.2	234.7	73.51	4.192	
7,200.0	6,835.3	7,200.0	6,836.2	43.7	41.4	-99.16	774.6	1,721.8	311.6	239.0	72.61	4.291	
7,250.0	6,879.4	7,245.9	6,872.9	43.6	41.3	-94.28	778.5	1,694.7	315.0	243.2	71.72	4.392	
7,300.0	6,921.3	7,289.3	6,905.6	43.5	41.1	-90.51	781.9	1,666.3	318.3	247.3	70.98	4.485	
7,350.0	6,960.7	7,332.3	6,935.8	43.3	41.0	-87.46	784.9	1,635.8	321.6	251.2	70.38	4.569	
7,400.0	6,997.5	7,374.9	6,963.4	43.1	40.9	-84.96	787.5	1,603.4	324.7	254.8	69.93	4.644	
7,450.0	7,031.3	7,417.3	6,988.4	42.9	40.7	-82.89	789.7	1,569.4	327.7	258.0	69.64	4.705	
7,500.0	7,061.7	7,459.3	7,010.7	42.8	40.6	-81.17	791.5	1,533.8	330.3	260.8	69.53	4.751	
7,550.0	7,088.8	7,500.0	7,029.8	42.6	40.5	-79.78	792.9	1,497.9	332.7	263.1	69.61	4.779	
7,600.0	7,112.1	7,542.8	7,047.1	42.4	40.4	-78.63	793.9	1,458.7	334.8	264.9	69.87	4.791	
7,650.0	7,131.5	7,584.3	7,061.0	42.3	40.3	-77.73	794.5	1,419.7	336.4	266.1	70.32	4.785	
7,700.0	7,146.9	7,625.6	7,072.1	42.1	40.3	-77.07	794.7	1,379.9	337.8	266.8	70.94	4.761	
7,750.0	7,158.2	7,666.9	7,080.2	42.0	40.3	-76.62	794.5	1,339.4	338.7	267.0	71.71	4.723	
7,800.0	7,165.2	7,708.1	7,085.5	41.9	40.3	-76.38	793.9	1,298.6	339.2	266.6	72.61	4.671	
7,850.0	7,168.0	7,750.0	7,087.9	41.8	40.3	-76.34	792.9	1,256.7	339.2	265.6	73.61	4.609	
7,860.2	7,168.0	7,757.7	7,088.0	41.8	40.3	-76.36	792.6	1,249.1	339.2	265.4	73.82	4.595	
7,877.7	7,167.9	7,773.8	7,088.0	41.8	40.3	-76.37	792.1	1,233.0	339.2	265.3	73.88	4.591	
7,900.0	7,167.8	7,796.0	7,087.8	41.8	40.3	-76.37	791.4	1,210.7	339.2	265.2	73.97	4.585	
8,000.0	7,167.3	7,896.0	7,087.4	41.8	40.5	-76.38	788.2	1,110.8	339.2	264.5	74.65	4.544	
8,100.0	7,166.7	7,996.0	7,086.9	42.0	40.9	-76.38	785.0	1,010.8	339.2	263.5	75.70	4.480	
8,200.0	7,166.2	8,096.0	7,086.4	42.4	41.5	-76.39	781.7	910.9	339.1	262.0	77.14	4.397	
8,300.0	7,165.7	8,196.0	7,085.9	42.9	42.2	-76.40	778.5	810.9	339.1	260.2	78.92	4.297	
8,400.0	7,165.1	8,296.0	7,085.4	43.6	43.2	-76.41	775.3	711.0	339.1	258.1	81.03	4.185	
8,500.0	7,164.6	8,396.0	7,084.9	44.6	44.3	-76.41	772.1	611.0	339.1	255.7	83.45	4.064	
8,600.0	7,164.1	8,496.0	7,084.5	45.7	45.6	-76.42	768.8	511.1	339.1	253.0	86.15	3.936	
8,700.0	7,163.5	8,596.0	7,084.0	46.9	47.0	-76.43	765.6	411.2	339.1	250.0	89.10	3.806	
8,800.0	7,163.0	8,696.0	7,083.5	48.4	48.5	-76.44	762.4	311.2	339.1	246.8	92.28	3.674	

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 M-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 M-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	7,162.5	8,796.0	7,083.0	49.9	50.2	-76.44	759.2	211.3	339.1	243.4	95.67	3.544	
9,000.0	7,162.0	8,896.0	7,082.5	51.6	52.0	-76.45	756.0	111.3	339.1	239.8	99.24	3.417	
9,100.0	7,161.4	8,996.0	7,082.1	53.5	53.9	-76.46	752.7	11.4	339.0	236.1	102.98	3.292	
9,200.0	7,160.9	9,096.0	7,081.6	55.4	55.8	-76.47	749.5	-88.6	339.0	232.2	106.87	3.173	
9,300.0	7,160.4	9,196.0	7,081.1	57.4	57.9	-76.48	746.3	-188.5	339.0	228.1	110.89	3.057	
9,400.0	7,159.8	9,296.0	7,080.6	59.4	60.0	-76.48	743.1	-288.5	339.0	224.0	115.03	2.947	
9,500.0	7,159.3	9,396.0	7,080.1	61.6	62.1	-76.49	739.8	-388.4	339.0	219.7	119.27	2.842	
9,600.0	7,158.8	9,496.0	7,079.6	63.8	64.3	-76.50	736.6	-488.4	339.0	215.4	123.62	2.742	
9,700.0	7,158.2	9,596.0	7,079.2	66.0	66.6	-76.51	733.4	-588.3	339.0	210.9	128.05	2.647	
9,800.0	7,157.7	9,696.0	7,078.7	68.3	68.9	-76.51	730.2	-688.3	339.0	206.4	132.55	2.557	
9,900.0	7,157.2	9,796.0	7,078.2	70.7	71.2	-76.52	726.9	-788.2	339.0	201.8	137.13	2.472	
10,000.0	7,156.7	9,896.0	7,077.7	73.0	73.6	-76.53	723.7	-888.2	338.9	197.2	141.77	2.391	
10,100.0	7,156.1	9,996.0	7,077.2	75.4	76.0	-76.54	720.5	-988.1	338.9	192.5	146.47	2.314	
10,200.0	7,155.6	10,096.0	7,076.7	77.9	78.5	-76.55	717.3	-1,088.1	338.9	187.7	151.22	2.241	
10,300.0	7,155.1	10,196.0	7,076.3	80.3	80.9	-76.55	714.0	-1,188.0	338.9	182.9	156.01	2.172	
10,400.0	7,154.5	10,296.0	7,075.8	82.8	83.4	-76.56	710.8	-1,287.9	338.9	178.0	160.85	2.107	
10,500.0	7,154.0	10,396.0	7,075.3	85.3	85.9	-76.57	707.6	-1,387.9	338.9	173.2	165.73	2.045	
10,600.0	7,153.5	10,496.0	7,074.8	87.8	88.4	-76.58	704.4	-1,487.8	338.9	168.2	170.65	1.986	
10,700.0	7,152.9	10,596.0	7,074.3	90.3	90.9	-76.58	701.2	-1,587.8	338.9	163.3	175.60	1.930	
10,800.0	7,152.4	10,696.0	7,073.8	92.9	93.5	-76.59	697.9	-1,687.7	338.9	158.3	180.57	1.877	
10,900.0	7,151.9	10,796.0	7,073.4	95.5	96.1	-76.60	694.7	-1,787.7	338.8	153.3	185.58	1.826	
11,000.0	7,151.4	10,896.0	7,072.9	98.0	98.6	-76.61	691.5	-1,887.6	338.8	148.2	190.61	1.778	
11,100.0	7,150.8	10,996.0	7,072.4	100.6	101.2	-76.62	688.3	-1,987.6	338.8	143.2	195.67	1.732	
11,200.0	7,150.3	11,096.0	7,071.9	103.2	103.8	-76.62	685.0	-2,087.5	338.8	138.1	200.75	1.688	
11,300.0	7,149.8	11,196.0	7,071.4	105.8	106.4	-76.63	681.8	-2,187.5	338.8	133.0	205.84	1.646	
11,400.0	7,149.2	11,296.0	7,070.9	108.5	109.1	-76.64	678.6	-2,287.4	338.8	127.8	210.96	1.606	
11,500.0	7,148.7	11,396.0	7,070.5	111.1	111.7	-76.65	675.4	-2,387.4	338.8	122.7	216.10	1.568	
11,600.0	7,148.2	11,496.0	7,070.0	113.7	114.3	-76.65	672.1	-2,487.3	338.8	117.5	221.25	1.531	
11,700.0	7,147.6	11,596.0	7,069.5	116.4	117.0	-76.66	668.9	-2,587.3	338.8	112.3	226.41	1.496	Level 3
11,800.0	7,147.1	11,696.0	7,069.0	119.0	119.6	-76.67	665.7	-2,687.2	338.7	107.2	231.60	1.463	Level 3
11,900.0	7,146.6	11,796.0	7,068.5	121.7	122.3	-76.68	662.5	-2,787.1	338.7	101.9	236.79	1.431	Level 3
12,000.0	7,146.1	11,896.0	7,068.0	124.4	125.0	-76.69	659.2	-2,887.1	338.7	96.7	242.00	1.400	Level 3
12,100.0	7,145.5	11,996.0	7,067.6	127.0	127.6	-76.69	656.0	-2,987.0	338.7	91.5	247.22	1.370	Level 3
12,200.0	7,145.0	12,096.0	7,067.1	129.7	130.3	-76.70	652.8	-3,087.0	338.7	86.3	252.45	1.342	Level 3
12,300.0	7,144.5	12,196.0	7,066.6	132.4	133.0	-76.71	649.6	-3,186.9	338.7	81.0	257.69	1.314	Level 3
12,400.0	7,143.9	12,296.0	7,066.1	135.1	135.7	-76.72	646.4	-3,286.9	338.7	75.7	262.94	1.288	Level 3
12,500.0	7,143.4	12,396.0	7,065.6	137.8	138.4	-76.72	643.1	-3,386.8	338.7	70.5	268.20	1.263	Level 3
12,600.0	7,142.9	12,496.0	7,065.1	140.5	141.1	-76.73	639.9	-3,486.8	338.7	65.2	273.46	1.238	Level 2
12,700.0	7,142.3	12,596.0	7,064.7	143.2	143.8	-76.74	636.7	-3,586.7	338.6	59.9	278.74	1.215	Level 2
12,800.0	7,141.8	12,696.0	7,064.2	145.9	146.5	-76.75	633.5	-3,686.7	338.6	54.6	284.02	1.192	Level 2
12,900.0	7,141.3	12,796.0	7,063.7	148.6	149.2	-76.75	630.2	-3,786.6	338.6	49.3	289.32	1.170	Level 2
13,000.0	7,140.8	12,896.0	7,063.2	151.3	151.9	-76.76	627.0	-3,886.6	338.6	44.0	294.61	1.149	Level 2
13,100.0	7,140.2	12,996.0	7,062.7	154.0	154.6	-76.77	623.8	-3,986.5	338.6	38.7	299.92	1.129	Level 2
13,200.0	7,139.7	13,096.0	7,062.3	156.7	157.3	-76.78	620.6	-4,086.5	338.6	33.4	305.23	1.109	Level 2
13,300.0	7,139.2	13,196.0	7,061.8	159.5	160.0	-76.79	617.3	-4,186.4	338.6	28.0	310.55	1.090	Level 2
13,400.0	7,138.6	13,296.0	7,061.3	162.2	162.8	-76.79	614.1	-4,286.4	338.6	22.7	315.87	1.072	Level 2
13,500.0	7,138.1	13,396.0	7,060.8	164.9	165.5	-76.80	610.9	-4,386.3	338.6	17.4	321.20	1.054	Level 2
13,600.0	7,137.6	13,496.0	7,060.3	167.6	168.2	-76.81	607.7	-4,486.2	338.6	12.0	326.54	1.037	Level 2
13,700.0	7,137.0	13,596.0	7,059.8	170.4	171.0	-76.82	604.4	-4,586.2	338.5	6.7	331.87	1.020	Level 2
13,800.0	7,136.5	13,696.0	7,059.4	173.1	173.7	-76.82	601.2	-4,686.1	338.5	1.3	337.22	1.004	Level 2
13,900.0	7,136.0	13,796.0	7,058.9	175.8	176.4	-76.83	598.0	-4,786.1	338.5	-4.0	342.57	0.988	Level 1
14,000.0	7,135.5	13,896.0	7,058.4	178.6	179.2	-76.84	594.8	-4,886.0	338.5	-9.4	347.92	0.973	Level 1

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 M-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 M-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	7,134.9	13,996.0	7,057.9	181.3	181.9	-76.85	591.6	-4,986.0	338.5	-14.8	353.28	0.958	Level 1
14,200.0	7,134.4	14,096.0	7,057.4	184.1	184.7	-76.86	588.3	-5,085.9	338.5	-20.2	358.64	0.944	Level 1
14,300.0	7,133.9	14,196.0	7,056.9	186.8	187.4	-76.86	585.1	-5,185.9	338.5	-25.5	364.00	0.930	Level 1
14,400.0	7,133.3	14,296.0	7,056.5	189.5	190.1	-76.87	581.9	-5,285.8	338.5	-30.9	369.37	0.916	Level 1
14,500.0	7,132.8	14,396.0	7,056.0	192.3	192.9	-76.88	578.7	-5,385.8	338.5	-36.3	374.74	0.903	Level 1
14,600.0	7,132.3	14,496.0	7,055.5	195.0	195.6	-76.89	575.4	-5,485.7	338.4	-41.7	380.12	0.890	Level 1
14,700.0	7,131.7	14,596.0	7,055.0	197.8	198.4	-76.89	572.2	-5,585.7	338.4	-47.1	385.50	0.878	Level 1
14,800.0	7,131.2	14,696.0	7,054.5	200.5	201.1	-76.90	569.0	-5,685.6	338.4	-52.5	390.88	0.866	Level 1
14,900.0	7,130.7	14,796.0	7,054.0	203.3	203.9	-76.91	565.8	-5,785.6	338.4	-57.9	396.27	0.854	Level 1
15,000.0	7,130.2	14,896.0	7,053.6	206.0	206.6	-76.92	562.5	-5,885.5	338.4	-63.3	401.65	0.843	Level 1
15,100.0	7,129.6	14,996.0	7,053.1	208.8	209.4	-76.93	559.3	-5,985.4	338.4	-68.7	407.04	0.831	Level 1
15,200.0	7,129.1	15,096.0	7,052.6	211.6	212.2	-76.93	556.1	-6,085.4	338.4	-74.1	412.44	0.820	Level 1
15,300.0	7,128.6	15,196.0	7,052.1	214.3	214.9	-76.94	552.9	-6,185.3	338.4	-79.5	417.83	0.810	Level 1
15,400.0	7,128.0	15,296.0	7,051.6	217.1	217.7	-76.95	549.6	-6,285.3	338.4	-84.9	423.23	0.799	Level 1
15,500.0	7,127.5	15,396.0	7,051.1	219.8	220.4	-76.96	546.4	-6,385.2	338.3	-90.3	428.63	0.789	Level 1
15,600.0	7,127.0	15,496.0	7,050.7	222.6	223.2	-76.96	543.2	-6,485.2	338.3	-95.7	434.04	0.780	Level 1
15,700.0	7,126.4	15,596.0	7,050.2	225.4	226.0	-76.97	540.0	-6,585.1	338.3	-101.1	439.44	0.770	Level 1
15,800.0	7,125.9	15,696.0	7,049.7	228.1	228.7	-76.98	536.8	-6,685.1	338.3	-106.5	444.85	0.761	Level 1
15,900.0	7,125.4	15,796.0	7,049.2	230.9	231.5	-76.99	533.5	-6,785.0	338.3	-112.0	450.26	0.751	Level 1
16,000.0	7,124.9	15,896.0	7,048.7	233.7	234.3	-77.00	530.3	-6,885.0	338.3	-117.4	455.67	0.742	Level 1
16,100.0	7,124.3	15,996.0	7,048.2	236.4	237.0	-77.00	527.1	-6,984.9	338.3	-122.8	461.09	0.734	Level 1
16,200.0	7,123.8	16,096.0	7,047.8	239.2	239.8	-77.01	523.9	-7,084.9	338.3	-128.2	466.51	0.725	Level 1
16,300.0	7,123.3	16,196.0	7,047.3	242.0	242.6	-77.02	520.6	-7,184.8	338.3	-133.7	471.92	0.717	Level 1
16,349.4	7,123.0	16,245.4	7,047.0	243.3	243.9	-77.02	519.0	-7,234.2	338.3	-136.3	474.60	0.713	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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 P-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	-45.2	0.8	45.2				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-45.2	0.8	45.2	45.0	0.22	201.041	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-45.2	0.8	45.2	44.5	0.67	67.014	CC
300.0	300.0	300.4	300.4	0.6	0.6	118.28	-44.7	2.5	45.6	44.5	1.12	40.846	ES
400.0	399.8	400.7	400.6	0.8	0.8	117.64	-43.4	7.6	46.9	45.3	1.58	29.756	
500.0	499.5	501.1	500.5	1.0	1.0	116.65	-41.2	16.1	49.0	46.9	2.08	23.555	
600.0	598.7	601.4	600.0	1.3	1.3	115.41	-38.0	28.0	51.9	49.3	2.65	19.619	
700.0	697.5	701.6	699.0	1.7	1.7	113.99	-34.0	43.2	55.8	52.5	3.30	16.905	
800.0	795.6	801.8	797.4	2.0	2.0	112.51	-29.2	61.7	60.5	56.5	4.05	14.930	
900.0	893.1	901.9	894.9	2.5	2.5	111.03	-23.4	83.6	66.1	61.2	4.92	13.439	
1,000.0	989.6	1,001.9	991.5	3.0	3.0	109.59	-16.8	108.7	72.6	66.7	5.91	12.284	
1,100.0	1,085.3	1,101.8	1,087.0	3.5	3.6	108.25	-9.4	137.0	80.0	73.0	7.03	11.376	
1,188.4	1,168.9	1,189.9	1,170.9	4.1	4.1	108.24	-2.6	163.1	87.4	79.3	8.10	10.788	
1,200.0	1,179.8	1,201.5	1,181.9	4.2	4.2	108.36	-1.7	166.5	88.4	80.1	8.24	10.726	
1,300.0	1,273.9	1,301.1	1,276.7	4.8	4.8	109.34	6.1	196.0	97.2	87.7	9.48	10.258	
1,400.0	1,368.0	1,400.7	1,371.5	5.5	5.4	110.15	13.8	225.5	106.1	95.3	10.72	9.890	
1,500.0	1,462.1	1,500.3	1,466.3	6.2	6.0	110.84	21.6	255.0	114.9	102.9	11.98	9.594	
1,600.0	1,556.3	1,599.9	1,561.1	6.9	6.7	111.42	29.3	284.5	123.8	110.6	13.24	9.352	
1,700.0	1,650.4	1,699.5	1,655.9	7.6	7.3	111.93	37.1	314.0	132.7	118.2	14.50	9.151	
1,800.0	1,744.5	1,799.1	1,750.8	8.3	7.9	112.38	44.8	343.5	141.6	125.8	15.76	8.982	
1,900.0	1,838.6	1,898.7	1,845.6	9.0	8.6	112.77	52.6	373.0	150.5	133.5	17.03	8.838	
2,000.0	1,932.7	1,998.3	1,940.4	9.6	9.2	113.12	60.3	402.4	159.4	141.1	18.29	8.713	
2,100.0	2,026.8	2,097.9	2,035.2	10.3	9.9	113.43	68.1	431.9	168.3	148.8	19.56	8.605	
2,200.0	2,120.9	2,197.5	2,130.0	11.0	10.5	113.71	75.8	461.4	177.2	156.4	20.83	8.509	
2,300.0	2,215.0	2,297.1	2,224.8	11.7	11.1	113.96	83.6	490.9	186.2	164.1	22.10	8.425	
2,400.0	2,309.1	2,396.7	2,319.6	12.4	11.8	114.19	91.3	520.4	195.1	171.7	23.36	8.350	
2,500.0	2,403.2	2,496.3	2,414.5	13.1	12.4	114.40	99.1	549.9	204.0	179.4	24.63	8.283	
2,600.0	2,497.3	2,595.8	2,509.3	13.8	13.1	114.60	106.8	579.4	213.0	187.1	25.90	8.222	
2,700.0	2,591.4	2,695.4	2,604.1	14.5	13.7	114.77	114.6	608.9	221.9	194.7	27.17	8.167	
2,800.0	2,685.5	2,795.0	2,698.9	15.2	14.3	114.94	122.3	638.4	230.8	202.4	28.44	8.117	
2,900.0	2,779.6	2,894.6	2,793.7	15.9	15.0	115.09	130.1	667.9	239.8	210.1	29.71	8.071	
3,000.0	2,873.7	2,994.2	2,888.5	16.6	15.6	115.23	137.8	697.4	248.7	217.7	30.98	8.029	
3,100.0	2,967.9	3,093.8	2,983.3	17.3	16.3	115.36	145.6	726.9	257.6	225.4	32.24	7.991	
3,200.0	3,062.0	3,193.4	3,078.2	18.0	16.9	115.48	153.3	756.4	266.6	233.1	33.51	7.955	
3,300.0	3,156.1	3,293.0	3,173.0	18.7	17.6	115.60	161.1	785.9	275.5	240.8	34.78	7.922	
3,400.0	3,250.2	3,392.6	3,267.8	19.4	18.2	115.70	168.8	815.4	284.5	248.4	36.05	7.891	
3,500.0	3,344.3	3,492.2	3,362.6	20.1	18.9	115.80	176.6	844.9	293.4	256.1	37.32	7.863	
3,600.0	3,438.4	3,591.8	3,457.4	20.9	19.5	115.90	184.3	874.4	302.4	263.8	38.59	7.836	
3,700.0	3,532.5	3,691.4	3,552.2	21.6	20.1	115.99	192.1	903.9	311.3	271.5	39.86	7.811	
3,800.0	3,626.6	3,791.0	3,647.0	22.3	20.8	116.07	199.8	933.4	320.3	279.1	41.13	7.788	
3,900.0	3,720.7	3,890.6	3,741.9	23.0	21.4	116.15	207.6	962.9	329.2	286.8	42.39	7.766	
4,000.0	3,814.8	3,990.2	3,836.7	23.7	22.1	116.22	215.3	992.4	338.2	294.5	43.66	7.745	
4,100.0	3,908.9	4,089.8	3,931.5	24.4	22.7	116.29	223.1	1,021.8	347.1	302.2	44.93	7.726	
4,200.0	4,003.0	4,189.4	4,026.3	25.1	23.4	116.36	230.8	1,051.3	356.1	309.9	46.20	7.707	
4,300.0	4,097.1	4,289.0	4,121.1	25.8	24.0	116.43	238.6	1,080.8	365.0	317.6	47.47	7.690	
4,400.0	4,191.2	4,388.6	4,215.9	26.5	24.6	116.49	246.3	1,110.3	374.0	325.2	48.74	7.673	
4,500.0	4,285.4	4,488.2	4,310.7	27.2	25.3	116.55	254.1	1,139.8	382.9	332.9	50.01	7.658	
4,600.0	4,379.5	4,587.8	4,405.6	27.9	25.9	116.60	261.8	1,169.3	391.9	340.6	51.27	7.643	
4,700.0	4,473.6	4,687.4	4,500.4	28.6	26.6	116.66	269.6	1,198.8	400.8	348.3	52.54	7.629	
4,800.0	4,567.7	4,787.0	4,595.2	29.3	27.2	116.71	277.3	1,228.3	409.8	356.0	53.81	7.615	
4,900.0	4,661.8	4,886.6	4,690.0	30.0	27.9	116.76	285.1	1,257.8	418.7	363.7	55.08	7.603	
5,000.0	4,755.9	4,986.2	4,784.8	30.7	28.5	116.80	292.8	1,287.3	427.7	371.4	56.35	7.590	

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 M-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 M-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 P-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	4,850.0	5,085.8	4,879.6	31.4	29.2	116.85	300.6	1,316.8	436.7	379.0	57.62	7.579	
5,200.0	4,944.1	5,185.4	4,974.4	32.1	29.8	116.89	308.3	1,346.3	445.6	386.7	58.88	7.567	
5,300.0	5,038.2	5,285.0	5,069.3	32.8	30.4	116.93	316.1	1,375.8	454.6	394.4	60.15	7.557	
5,400.0	5,132.3	5,384.6	5,164.1	33.5	31.1	116.97	323.8	1,405.3	463.5	402.1	61.42	7.547	
5,500.0	5,226.4	5,484.2	5,258.9	34.2	31.7	117.01	331.6	1,434.8	472.5	409.8	62.69	7.537	
5,600.0	5,320.5	5,583.8	5,353.7	34.9	32.4	117.05	339.3	1,464.3	481.4	417.5	63.96	7.527	
5,700.0	5,414.6	5,683.4	5,448.5	35.6	33.0	117.08	347.1	1,493.8	490.4	425.2	65.23	7.518	
5,800.0	5,508.7	5,783.0	5,543.3	36.3	33.7	117.12	354.8	1,523.3	499.3	432.8	66.50	7.509	
5,900.0	5,602.8	5,882.6	5,638.1	37.0	34.3	117.15	362.6	1,552.8	508.3	440.5	67.76	7.501	
6,000.0	5,697.0	5,982.2	5,732.9	37.7	35.0	117.18	370.3	1,582.3	517.3	448.2	69.03	7.493	
6,100.0	5,791.1	6,081.8	5,827.8	38.4	35.6	117.21	378.1	1,611.8	526.2	455.9	70.30	7.485	
6,200.0	5,885.2	6,181.4	5,922.6	39.1	36.3	117.24	385.8	1,641.2	535.2	463.6	71.57	7.478	
6,300.0	5,979.3	6,281.0	6,017.4	39.8	36.9	117.27	393.6	1,670.7	544.1	471.3	72.84	7.470	
6,400.0	6,073.4	6,380.6	6,112.2	40.5	37.5	117.30	401.3	1,700.2	553.1	479.0	74.11	7.463	
6,500.0	6,167.5	6,480.2	6,207.0	41.2	38.2	117.32	409.1	1,729.7	562.0	486.7	75.37	7.457	
6,600.0	6,261.6	6,579.8	6,301.8	41.9	38.8	117.35	416.8	1,759.2	571.0	494.4	76.64	7.450	
6,700.0	6,355.7	6,679.4	6,396.6	42.6	39.5	117.38	424.6	1,788.7	580.0	502.0	77.91	7.444	
6,783.0	6,433.8	6,762.0	6,476.0	43.2	39.9	117.66	430.9	1,810.6	587.4	508.6	78.77	7.457	
6,800.0	6,449.9	6,778.8	6,492.5	43.3	40.0	120.49	432.2	1,813.7	588.9	510.1	78.80	7.474	
6,850.0	6,497.9	6,827.9	6,541.1	43.6	40.1	131.70	435.9	1,820.1	593.5	514.8	78.76	7.536	
6,900.0	6,546.7	6,876.6	6,589.6	43.7	40.2	149.88	439.5	1,822.3	598.3	519.6	78.61	7.610	
6,950.0	6,595.9	6,924.9	6,637.7	43.8	40.2	177.28	442.9	1,820.4	603.1	524.7	78.37	7.695	
7,000.0	6,645.2	6,972.9	6,685.2	43.9	40.2	-153.53	446.1	1,814.5	607.9	529.8	78.05	7.788	
7,050.0	6,694.1	7,020.6	6,731.7	43.9	40.1	-132.79	449.1	1,804.7	612.7	535.0	77.69	7.887	
7,100.0	6,742.4	7,067.9	6,777.0	43.9	40.0	-120.07	451.9	1,791.2	617.5	540.2	77.28	7.990	
7,150.0	6,789.6	7,114.9	6,820.7	43.8	39.9	-112.02	454.5	1,774.2	622.2	545.3	76.87	8.095	
7,200.0	6,835.3	7,161.7	6,862.7	43.7	39.8	-106.55	456.9	1,753.6	626.8	550.3	76.45	8.198	
7,250.0	6,879.4	7,208.3	6,902.7	43.6	39.6	-102.61	459.0	1,729.9	631.2	555.1	76.05	8.300	
7,300.0	6,921.3	7,254.7	6,940.5	43.5	39.4	-99.63	460.9	1,703.1	635.4	559.7	75.67	8.396	
7,350.0	6,960.7	7,300.0	6,975.2	43.3	39.3	-97.31	462.5	1,674.1	639.3	563.9	75.35	8.484	
7,400.0	6,997.5	7,347.0	7,008.7	43.1	39.1	-95.46	463.8	1,641.1	643.0	567.9	75.07	8.565	
7,450.0	7,031.3	7,393.0	7,038.8	42.9	38.9	-93.97	464.9	1,606.4	646.3	571.5	74.87	8.633	
7,500.0	7,061.7	7,438.8	7,065.9	42.8	38.8	-92.76	465.6	1,569.4	649.4	574.6	74.74	8.688	
7,550.0	7,088.8	7,484.6	7,089.9	42.6	38.7	-91.79	466.1	1,530.5	652.0	577.3	74.70	8.729	
7,600.0	7,112.1	7,530.3	7,110.8	42.4	38.6	-91.02	466.3	1,489.8	654.3	579.6	74.74	8.755	
7,650.0	7,131.5	7,576.1	7,128.3	42.3	38.5	-90.43	466.2	1,447.6	656.2	581.4	74.88	8.765	
7,700.0	7,146.9	7,621.8	7,142.5	42.1	38.4	-90.01	465.9	1,404.1	657.7	582.6	75.09	8.759	
7,750.0	7,158.2	7,667.5	7,153.1	42.0	38.4	-89.74	465.2	1,359.7	658.8	583.4	75.39	8.739	
7,800.0	7,165.2	7,713.3	7,160.2	41.9	38.4	-89.61	464.3	1,314.5	659.4	583.7	75.75	8.705	
7,850.0	7,168.0	7,759.1	7,163.6	41.8	38.4	-89.62	463.1	1,268.8	659.7	583.5	76.17	8.661	
7,860.2	7,168.0	7,768.4	7,163.9	41.8	38.4	-89.64	462.8	1,259.5	659.6	583.4	76.26	8.650	
7,882.1	7,167.9	7,789.0	7,164.0	41.8	38.5	-89.66	462.2	1,238.9	659.6	583.3	76.33	8.641	
7,900.0	7,167.8	7,806.9	7,163.9	41.8	38.5	-89.66	461.6	1,221.0	659.6	583.2	76.41	8.632	
8,000.0	7,167.3	7,906.9	7,163.3	41.8	38.8	-89.66	458.4	1,121.1	659.6	582.5	77.09	8.557	
8,100.0	7,166.7	8,006.9	7,162.7	42.0	39.2	-89.65	455.1	1,021.1	659.6	581.5	78.16	8.440	
8,200.0	7,166.2	8,106.9	7,162.2	42.4	39.9	-89.65	451.9	921.2	659.6	580.0	79.61	8.286	
8,300.0	7,165.7	8,206.9	7,161.6	42.9	40.7	-89.65	448.7	821.2	659.6	578.2	81.42	8.102	
8,400.0	7,165.1	8,306.9	7,161.0	43.6	41.8	-89.64	445.5	721.3	659.6	576.1	83.57	7.893	
8,500.0	7,164.6	8,406.9	7,160.5	44.6	43.0	-89.64	442.2	621.3	659.6	573.6	86.03	7.667	
8,600.0	7,164.1	8,506.9	7,159.9	45.7	44.3	-89.64	439.0	521.4	659.6	570.8	88.78	7.430	
8,700.0	7,163.5	8,606.9	7,159.3	46.9	45.8	-89.63	435.8	421.4	659.6	567.8	91.79	7.186	
8,800.0	7,163.0	8,706.9	7,158.8	48.4	47.4	-89.63	432.6	321.5	659.6	564.6	95.04	6.941	

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 M-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 M-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 P-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	7,162.5	8,806.9	7,158.2	49.9	49.1	-89.63	429.3	221.5	659.6	561.1	98.50	6.697	
9,000.0	7,162.0	8,906.9	7,157.6	51.6	50.9	-89.63	426.1	121.6	659.6	557.5	102.15	6.458	
9,100.0	7,161.4	9,006.9	7,157.1	53.5	52.8	-89.62	422.9	21.6	659.6	553.7	105.97	6.225	
9,200.0	7,160.9	9,106.9	7,156.5	55.4	54.8	-89.62	419.7	-78.3	659.6	549.7	109.94	6.000	
9,300.0	7,160.4	9,206.9	7,155.9	57.4	56.8	-89.62	416.5	-178.3	659.6	545.6	114.05	5.784	
9,400.0	7,159.8	9,306.9	7,155.4	59.4	59.0	-89.61	413.2	-278.2	659.6	541.3	118.29	5.576	
9,500.0	7,159.3	9,406.9	7,154.8	61.6	61.1	-89.61	410.0	-378.1	659.6	537.0	122.63	5.379	
9,600.0	7,158.8	9,506.9	7,154.3	63.8	63.4	-89.61	406.8	-478.1	659.6	532.6	127.08	5.191	
9,700.0	7,158.2	9,606.9	7,153.7	66.0	65.6	-89.60	403.6	-578.0	659.6	528.0	131.61	5.012	
9,800.0	7,157.7	9,706.9	7,153.1	68.3	67.9	-89.60	400.3	-678.0	659.6	523.4	136.22	4.842	
9,900.0	7,157.2	9,806.9	7,152.6	70.7	70.3	-89.60	397.1	-777.9	659.6	518.7	140.91	4.681	
10,000.0	7,156.7	9,906.9	7,152.0	73.0	72.7	-89.59	393.9	-877.9	659.6	514.0	145.66	4.529	
10,100.0	7,156.1	10,006.9	7,151.4	75.4	75.1	-89.59	390.7	-977.8	659.6	509.2	150.47	4.384	
10,200.0	7,155.6	10,106.9	7,150.9	77.9	77.5	-89.59	387.4	-1,077.8	659.6	504.3	155.33	4.247	
10,300.0	7,155.1	10,206.9	7,150.3	80.3	80.0	-89.59	384.2	-1,177.7	659.6	499.4	160.24	4.116	
10,400.0	7,154.5	10,306.9	7,149.7	82.8	82.4	-89.58	381.0	-1,277.7	659.6	494.4	165.20	3.993	
10,500.0	7,154.0	10,406.9	7,149.2	85.3	85.0	-89.58	377.8	-1,377.6	659.6	489.4	170.19	3.876	
10,600.0	7,153.5	10,506.9	7,148.6	87.8	87.5	-89.58	374.5	-1,477.6	659.6	484.4	175.23	3.764	
10,700.0	7,152.9	10,606.9	7,148.0	90.3	90.0	-89.57	371.3	-1,577.5	659.6	479.3	180.29	3.659	
10,800.0	7,152.4	10,706.9	7,147.5	92.9	92.6	-89.57	368.1	-1,677.4	659.6	474.2	185.39	3.558	
10,900.0	7,151.9	10,806.9	7,146.9	95.5	95.1	-89.57	364.9	-1,777.4	659.6	469.1	190.52	3.462	
11,000.0	7,151.4	10,906.9	7,146.3	98.0	97.7	-89.56	361.7	-1,877.3	659.6	464.0	195.67	3.371	
11,100.0	7,150.8	11,006.9	7,145.8	100.6	100.3	-89.56	358.4	-1,977.3	659.6	458.8	200.85	3.284	
11,200.0	7,150.3	11,106.9	7,145.2	103.2	102.9	-89.56	355.2	-2,077.2	659.6	453.6	206.05	3.201	
11,300.0	7,149.8	11,206.9	7,144.6	105.8	105.5	-89.55	352.0	-2,177.2	659.6	448.4	211.27	3.122	
11,400.0	7,149.2	11,306.9	7,144.1	108.5	108.1	-89.55	348.8	-2,277.1	659.6	443.1	216.51	3.047	
11,500.0	7,148.7	11,406.9	7,143.5	111.1	110.8	-89.55	345.5	-2,377.1	659.6	437.9	221.77	2.974	
11,532.1	7,148.5	11,439.1	7,143.3	111.9	111.6	-89.55	344.5	-2,409.2	659.6	436.2	223.47	2.952	
11,600.0	7,148.2	11,506.9	7,142.9	113.7	113.4	-89.55	342.3	-2,477.0	659.6	432.6	227.05	2.905	
11,700.0	7,147.6	11,606.9	7,142.4	116.4	116.1	-89.54	339.1	-2,577.0	659.6	427.3	232.34	2.839	
11,800.0	7,147.1	11,706.9	7,141.8	119.0	118.7	-89.54	335.9	-2,676.9	659.6	422.0	237.65	2.776	
11,900.0	7,146.6	11,806.9	7,141.2	121.7	121.4	-89.54	332.6	-2,776.9	659.6	416.7	242.96	2.715	
12,000.0	7,146.1	11,906.9	7,140.7	124.4	124.0	-89.53	329.4	-2,876.8	659.6	411.3	248.30	2.657	
12,100.0	7,145.5	12,006.9	7,140.1	127.0	126.7	-89.53	326.2	-2,976.8	659.6	406.0	253.64	2.601	
12,200.0	7,145.0	12,106.9	7,139.6	129.7	129.4	-89.53	323.0	-3,076.7	659.6	400.6	258.99	2.547	
12,300.0	7,144.5	12,206.9	7,139.0	132.4	132.1	-89.52	319.7	-3,176.6	659.6	395.3	264.36	2.495	
12,400.0	7,143.9	12,306.9	7,138.4	135.1	134.8	-89.52	316.5	-3,276.6	659.6	389.9	269.73	2.445	
12,500.0	7,143.4	12,406.9	7,137.9	137.8	137.5	-89.52	313.3	-3,376.5	659.6	384.5	275.12	2.398	
12,600.0	7,142.9	12,506.9	7,137.3	140.5	140.2	-89.51	310.1	-3,476.5	659.6	379.1	280.51	2.352	
12,700.0	7,142.3	12,606.9	7,136.7	143.2	142.9	-89.51	306.9	-3,576.4	659.6	373.7	285.91	2.307	
12,800.0	7,141.8	12,706.9	7,136.2	145.9	145.6	-89.51	303.6	-3,676.4	659.6	368.3	291.32	2.264	
12,900.0	7,141.3	12,806.9	7,135.6	148.6	148.3	-89.51	300.4	-3,776.3	659.6	362.9	296.74	2.223	
13,000.0	7,140.8	12,906.9	7,135.0	151.3	151.0	-89.50	297.2	-3,876.3	659.6	357.5	302.16	2.183	
13,100.0	7,140.2	13,006.9	7,134.5	154.0	153.7	-89.50	294.0	-3,976.2	659.6	352.0	307.59	2.144	
13,200.0	7,139.7	13,106.9	7,133.9	156.7	156.4	-89.50	290.7	-4,076.2	659.6	346.6	313.03	2.107	
13,300.0	7,139.2	13,206.9	7,133.3	159.5	159.2	-89.49	287.5	-4,176.1	659.6	341.2	318.47	2.071	
13,400.0	7,138.6	13,306.9	7,132.8	162.2	161.9	-89.49	284.3	-4,276.1	659.6	335.7	323.92	2.036	
13,500.0	7,138.1	13,406.9	7,132.2	164.9	164.6	-89.49	281.1	-4,376.0	659.6	330.3	329.37	2.003	
13,600.0	7,137.6	13,506.9	7,131.6	167.6	167.3	-89.48	277.8	-4,475.9	659.6	324.8	334.83	1.970	
13,700.0	7,137.0	13,606.9	7,131.1	170.4	170.1	-89.48	274.6	-4,575.9	659.6	319.3	340.30	1.938	
13,800.0	7,136.5	13,706.9	7,130.5	173.1	172.8	-89.48	271.4	-4,675.8	659.6	313.9	345.76	1.908	
13,900.0	7,136.0	13,806.9	7,129.9	175.8	175.6	-89.48	268.2	-4,775.8	659.6	308.4	351.24	1.878	

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 M-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 M-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 P-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
14,000.0	7,135.5	13,906.9	7,129.4	178.6	178.3	-89.47	265.0	-4,875.7	659.6	302.9	356.71	1.849	
14,100.0	7,134.9	14,006.9	7,128.8	181.3	181.0	-89.47	261.7	-4,975.7	659.6	297.4	362.19	1.821	
14,200.0	7,134.4	14,106.9	7,128.2	184.1	183.8	-89.47	258.5	-5,075.6	659.6	292.0	367.68	1.794	
14,300.0	7,133.9	14,206.9	7,127.7	186.8	186.5	-89.46	255.3	-5,175.6	659.6	286.5	373.17	1.768	
14,400.0	7,133.3	14,306.9	7,127.1	189.5	189.3	-89.46	252.1	-5,275.5	659.6	281.0	378.66	1.742	
14,500.0	7,132.8	14,406.9	7,126.5	192.3	192.0	-89.46	248.8	-5,375.5	659.6	275.5	384.15	1.717	
14,600.0	7,132.3	14,506.9	7,126.0	195.0	194.8	-89.45	245.6	-5,475.4	659.6	270.0	389.65	1.693	
14,700.0	7,131.7	14,606.9	7,125.4	197.8	197.5	-89.45	242.4	-5,575.4	659.6	264.5	395.15	1.669	
14,800.0	7,131.2	14,706.9	7,124.9	200.5	200.3	-89.45	239.2	-5,675.3	659.6	259.0	400.66	1.646	
14,900.0	7,130.7	14,806.9	7,124.3	203.3	203.0	-89.44	235.9	-5,775.3	659.6	253.5	406.16	1.624	
15,000.0	7,130.2	14,906.9	7,123.7	206.0	205.8	-89.44	232.7	-5,875.2	659.6	248.0	411.67	1.602	
15,100.0	7,129.6	15,006.9	7,123.2	208.8	208.5	-89.44	229.5	-5,975.1	659.6	242.4	417.19	1.581	
15,200.0	7,129.1	15,106.9	7,122.6	211.6	211.3	-89.44	226.3	-6,075.1	659.6	236.9	422.70	1.561	
15,300.0	7,128.6	15,206.9	7,122.0	214.3	214.1	-89.43	223.0	-6,175.0	659.6	231.4	428.22	1.540	
15,400.0	7,128.0	15,306.9	7,121.5	217.1	216.8	-89.43	219.8	-6,275.0	659.6	225.9	433.74	1.521	
15,500.0	7,127.5	15,406.9	7,120.9	219.8	219.6	-89.43	216.6	-6,374.9	659.6	220.4	439.26	1.502	
15,600.0	7,127.0	15,506.9	7,120.3	222.6	222.3	-89.42	213.4	-6,474.9	659.6	214.8	444.78	1.483	Level 3
15,700.0	7,126.4	15,606.9	7,119.8	225.4	225.1	-89.42	210.2	-6,574.8	659.6	209.3	450.31	1.465	Level 3
15,800.0	7,125.9	15,706.9	7,119.2	228.1	227.9	-89.42	206.9	-6,674.8	659.6	203.8	455.84	1.447	Level 3
15,900.0	7,125.4	15,806.9	7,118.6	230.9	230.6	-89.41	203.7	-6,774.7	659.6	198.3	461.37	1.430	Level 3
16,000.0	7,124.9	15,906.9	7,118.1	233.7	233.4	-89.41	200.5	-6,874.7	659.6	192.7	466.90	1.413	Level 3
16,100.0	7,124.3	16,006.9	7,117.5	236.4	236.2	-89.41	197.3	-6,974.6	659.6	187.2	472.43	1.396	Level 3
16,200.0	7,123.8	16,106.9	7,116.9	239.2	238.9	-89.40	194.0	-7,074.6	659.6	181.7	477.97	1.380	Level 3
16,300.0	7,123.3	16,206.9	7,116.4	242.0	241.7	-89.40	190.8	-7,174.5	659.6	176.1	483.50	1.364	Level 3
16,349.4	7,123.0	16,256.3	7,116.1	243.3	243.1	-89.40	189.2	-7,223.8	659.6	173.4	486.24	1.357	Level 3, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	178.94	-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	267.509	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-60.1	1.1	60.1	59.5	0.67	89.170	CC, ES
300.0	300.0	300.0	300.0	0.6	0.6	119.92	-60.1	1.1	61.0	59.9	1.12	54.266	
400.0	399.8	399.8	399.8	0.8	0.8	123.95	-60.1	1.1	63.8	62.2	1.58	40.225	
500.0	499.5	500.3	500.3	1.0	1.0	128.55	-59.8	2.8	68.4	66.3	2.06	33.244	
600.0	598.7	600.9	600.8	1.3	1.2	132.04	-58.8	8.0	74.4	71.8	2.55	29.170	
700.0	697.5	701.8	701.2	1.7	1.5	134.49	-57.2	16.7	81.5	78.4	3.08	26.442	
800.0	795.6	802.8	801.4	2.0	1.7	136.06	-54.9	28.9	89.7	86.0	3.67	24.454	
900.0	893.1	903.9	901.3	2.5	2.1	136.92	-51.9	44.5	98.8	94.5	4.32	22.884	
1,000.0	989.6	1,005.1	1,000.7	3.0	2.4	137.22	-48.3	63.7	108.7	103.7	5.04	21.558	
1,100.0	1,085.3	1,106.5	1,099.4	3.5	2.9	137.08	-44.1	86.3	119.6	113.7	5.87	20.383	
1,188.4	1,168.9	1,196.2	1,186.0	4.1	3.3	136.67	-39.8	109.1	129.8	123.1	6.68	19.434	
1,200.0	1,179.8	1,208.0	1,197.3	4.2	3.3	136.62	-39.2	112.3	131.2	124.4	6.80	19.308	
1,300.0	1,273.9	1,309.3	1,294.1	4.8	3.9	135.48	-33.6	141.7	142.2	134.3	7.85	18.125	
1,400.0	1,368.0	1,408.7	1,388.7	5.5	4.5	134.08	-28.0	171.7	152.7	143.7	8.97	17.020	
1,500.0	1,462.1	1,508.1	1,483.2	6.2	5.1	132.86	-22.3	201.8	163.2	153.1	10.13	16.111	
1,600.0	1,556.3	1,607.4	1,577.8	6.9	5.7	131.78	-16.7	231.8	173.8	162.5	11.32	15.359	
1,700.0	1,650.4	1,706.8	1,672.4	7.6	6.3	130.83	-11.0	261.9	184.4	171.9	12.52	14.731	
1,800.0	1,744.5	1,806.2	1,767.0	8.3	7.0	129.99	-5.4	291.9	195.1	181.4	13.74	14.201	
1,900.0	1,838.6	1,905.6	1,861.5	9.0	7.6	129.23	0.3	321.9	205.9	190.9	14.97	13.749	
2,000.0	1,932.7	2,005.0	1,956.1	9.6	8.2	128.55	5.9	352.0	216.6	200.4	16.21	13.361	
2,100.0	2,026.8	2,104.4	2,050.7	10.3	8.9	127.93	11.6	382.0	227.4	210.0	17.46	13.023	
2,200.0	2,120.9	2,203.8	2,145.2	11.0	9.5	127.37	17.2	412.0	238.3	219.5	18.72	12.728	
2,300.0	2,215.0	2,303.2	2,239.8	11.7	10.1	126.86	22.9	442.1	249.1	229.1	19.98	12.468	
2,400.0	2,309.1	2,402.5	2,334.4	12.4	10.8	126.39	28.6	472.1	260.0	238.7	21.24	12.237	
2,500.0	2,403.2	2,501.9	2,428.9	13.1	11.4	125.96	34.2	502.2	270.8	248.3	22.51	12.031	
2,600.0	2,497.3	2,601.3	2,523.5	13.8	12.1	125.56	39.9	532.2	281.7	257.9	23.78	11.846	
2,700.0	2,591.4	2,700.7	2,618.1	14.5	12.7	125.19	45.5	562.2	292.6	267.6	25.05	11.679	
2,800.0	2,685.5	2,800.1	2,712.7	15.2	13.4	124.85	51.2	592.3	303.5	277.2	26.33	11.528	
2,900.0	2,779.6	2,899.5	2,807.2	15.9	14.0	124.53	56.8	622.3	314.4	286.8	27.61	11.390	
3,000.0	2,873.7	2,998.9	2,901.8	16.6	14.6	124.23	62.5	652.3	325.4	296.5	28.89	11.264	
3,100.0	2,967.9	3,098.2	2,996.4	17.3	15.3	123.95	68.1	682.4	336.3	306.1	30.17	11.149	
3,200.0	3,062.0	3,197.6	3,090.9	18.0	15.9	123.69	73.8	712.4	347.3	315.8	31.45	11.043	
3,300.0	3,156.1	3,297.0	3,185.5	18.7	16.6	123.45	79.4	742.5	358.2	325.5	32.73	10.945	
3,400.0	3,250.2	3,396.4	3,280.1	19.4	17.2	123.22	85.1	772.5	369.2	335.2	34.01	10.854	
3,500.0	3,344.3	3,495.8	3,374.7	20.1	17.9	123.00	90.8	802.5	380.1	344.8	35.30	10.769	
3,600.0	3,438.4	3,595.2	3,469.2	20.9	18.5	122.79	96.4	832.6	391.1	354.5	36.58	10.691	
3,700.0	3,532.5	3,694.6	3,563.8	21.6	19.2	122.60	102.1	862.6	402.1	364.2	37.87	10.618	
3,800.0	3,626.6	3,794.0	3,658.4	22.3	19.8	122.42	107.7	892.6	413.1	373.9	39.15	10.549	
3,900.0	3,720.7	3,893.3	3,752.9	23.0	20.5	122.24	113.4	922.7	424.0	383.6	40.44	10.485	
4,000.0	3,814.8	3,992.7	3,847.5	23.7	21.1	122.08	119.0	952.7	435.0	393.3	41.73	10.425	
4,100.0	3,908.9	4,092.1	3,942.1	24.4	21.7	121.92	124.7	982.8	446.0	403.0	43.02	10.368	
4,200.0	4,003.0	4,191.5	4,036.6	25.1	22.4	121.77	130.3	1,012.8	457.0	412.7	44.31	10.315	
4,300.0	4,097.1	4,290.9	4,131.2	25.8	23.0	121.63	136.0	1,042.8	468.0	422.4	45.59	10.264	
4,400.0	4,191.2	4,390.3	4,225.8	26.5	23.7	121.50	141.7	1,072.9	479.0	432.1	46.88	10.217	
4,500.0	4,285.4	4,489.7	4,320.4	27.2	24.3	121.37	147.3	1,102.9	490.0	441.8	48.17	10.172	
4,600.0	4,379.5	4,589.1	4,414.9	27.9	25.0	121.24	153.0	1,132.9	501.0	451.5	49.46	10.129	
4,700.0	4,473.6	4,688.4	4,509.5	28.6	25.6	121.12	158.6	1,163.0	512.0	461.2	50.75	10.088	
4,800.0	4,567.7	4,787.8	4,604.1	29.3	26.3	121.01	164.3	1,193.0	523.0	471.0	52.04	10.050	
4,900.0	4,661.8	4,887.2	4,698.6	30.0	26.9	120.90	169.9	1,223.1	534.0	480.7	53.33	10.013	
5,000.0	4,755.9	4,986.6	4,793.2	30.7	27.6	120.80	175.6	1,253.1	545.0	490.4	54.62	9.978	

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 M-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 M-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	4,850.0	5,086.0	4,887.8	31.4	28.2	120.70	181.2	1,283.1	556.0	500.1	55.91	9.944	
5,200.0	4,944.1	5,185.4	4,982.4	32.1	28.9	120.60	186.9	1,313.2	567.0	509.8	57.21	9.912	
5,300.0	5,038.2	5,284.8	5,076.9	32.8	29.5	120.51	192.5	1,343.2	578.1	519.6	58.50	9.882	
5,400.0	5,132.3	5,384.2	5,171.5	33.5	30.2	120.42	198.2	1,373.2	589.1	529.3	59.79	9.853	
5,500.0	5,226.4	5,483.5	5,266.1	34.2	30.8	120.33	203.9	1,403.3	600.1	539.0	61.08	9.825	
5,600.0	5,320.5	5,582.9	5,360.6	34.9	31.5	120.25	209.5	1,433.3	611.1	548.7	62.37	9.798	
5,700.0	5,414.6	5,682.3	5,455.2	35.6	32.1	120.17	215.2	1,463.4	622.1	558.5	63.66	9.772	
5,800.0	5,508.7	5,781.7	5,549.8	36.3	32.8	120.09	220.8	1,493.4	633.2	568.2	64.96	9.748	
5,900.0	5,602.8	5,881.1	5,644.3	37.0	33.4	120.02	226.5	1,523.4	644.2	577.9	66.25	9.724	
6,000.0	5,697.0	5,980.5	5,738.9	37.7	34.0	119.94	232.1	1,553.5	655.2	587.7	67.54	9.701	
6,100.0	5,791.1	6,079.9	5,833.5	38.4	34.7	119.87	237.8	1,583.5	666.2	597.4	68.83	9.679	
6,200.0	5,885.2	6,179.3	5,928.1	39.1	35.3	119.81	243.4	1,613.5	677.3	607.1	70.12	9.658	
6,300.0	5,979.3	6,278.6	6,022.6	39.8	36.0	119.74	249.1	1,643.6	688.3	616.9	71.42	9.638	
6,400.0	6,073.4	6,378.0	6,117.2	40.5	36.6	119.68	254.7	1,673.6	699.3	626.6	72.71	9.618	
6,500.0	6,167.5	6,477.4	6,211.8	41.2	37.3	119.62	260.4	1,703.7	710.3	636.3	74.00	9.599	
6,600.0	6,261.6	6,576.8	6,306.3	41.9	37.9	119.56	266.1	1,733.7	721.4	646.1	75.29	9.581	
6,700.0	6,355.7	6,676.2	6,400.9	42.6	38.6	119.50	271.7	1,763.7	732.4	655.8	76.59	9.563	
6,783.0	6,433.8	6,758.6	6,479.4	43.2	39.1	119.45	276.4	1,788.7	741.6	663.9	77.66	9.549 SF	
6,800.0	6,449.9	6,775.6	6,495.5	43.3	39.2	122.12	277.4	1,793.8	743.4	665.6	77.80	9.555	
6,850.0	6,497.9	6,823.3	6,541.3	43.6	39.5	132.76	280.1	1,806.9	749.0	670.9	78.11	9.589	
6,900.0	6,546.7	6,870.8	6,587.8	43.7	39.6	150.38	282.7	1,816.3	754.6	676.3	78.29	9.639	
6,950.0	6,595.9	6,918.5	6,635.1	43.8	39.7	177.21	285.2	1,821.7	760.3	681.9	78.37	9.702	
7,000.0	6,645.2	6,966.5	6,683.0	43.9	39.8	-154.14	287.6	1,823.2	766.0	687.7	78.36	9.776	
7,050.0	6,694.1	7,014.7	6,731.0	43.9	39.8	-133.93	289.9	1,820.7	771.7	693.4	78.27	9.859	
7,100.0	6,742.4	7,063.2	6,779.0	43.9	39.8	-121.74	292.1	1,814.0	777.3	699.2	78.12	9.950	
7,150.0	6,789.6	7,112.0	6,826.5	43.8	39.7	-114.18	294.1	1,803.3	782.9	704.9	77.92	10.047	
7,200.0	6,835.3	7,161.1	6,873.3	43.7	39.6	-109.19	296.0	1,788.4	788.2	710.6	77.68	10.147	
7,250.0	6,879.4	7,210.6	6,919.0	43.6	39.5	-105.70	297.6	1,769.5	793.4	716.0	77.41	10.250	
7,300.0	6,921.3	7,260.4	6,963.1	43.5	39.3	-103.14	299.1	1,746.5	798.4	721.2	77.12	10.352	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	178.94	-75.1	1.4	75.1				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-75.1	1.4	75.1	74.8	0.22	333.976	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-75.1	1.4	75.1	74.4	0.67	111.325	CC, ES
300.0	300.0	300.0	300.0	0.6	0.6	119.63	-75.1	1.4	75.9	74.8	1.12	67.562	
400.0	399.8	399.8	399.8	0.8	0.8	122.90	-75.1	1.4	78.6	77.1	1.58	49.637	
500.0	499.5	499.5	499.5	1.0	1.0	127.82	-75.1	1.4	83.7	81.6	2.07	40.514	
600.0	598.7	598.7	598.7	1.3	1.2	133.71	-75.1	1.4	91.7	89.1	2.57	35.708	
700.0	697.5	699.1	699.0	1.7	1.4	139.07	-74.9	3.1	102.4	99.3	3.07	33.313	
800.0	795.6	799.8	799.7	2.0	1.7	142.90	-74.3	8.3	114.9	111.3	3.59	32.027	
900.0	893.1	900.9	900.4	2.5	1.9	145.50	-73.3	17.1	128.7	124.6	4.13	31.177	
1,000.0	989.6	1,002.4	1,001.1	3.0	2.2	147.15	-71.9	29.4	143.7	139.0	4.71	30.508	
1,100.0	1,085.3	1,104.2	1,101.6	3.5	2.5	148.08	-70.0	45.4	159.7	154.4	5.35	29.875	
1,188.4	1,168.9	1,194.4	1,190.2	4.1	2.8	148.43	-68.1	62.4	174.6	168.7	5.96	29.283	
1,200.0	1,179.8	1,206.3	1,201.8	4.2	2.8	148.47	-67.8	64.9	176.6	170.6	6.05	29.200	
1,300.0	1,273.9	1,308.9	1,301.7	4.8	3.2	148.26	-65.2	88.1	192.5	185.7	6.83	28.190	
1,400.0	1,368.0	1,412.1	1,401.2	5.5	3.7	147.25	-62.1	115.0	206.4	198.7	7.72	26.743	
1,500.0	1,462.1	1,515.5	1,500.0	6.2	4.3	145.55	-58.6	145.5	218.4	209.6	8.73	25.006	
1,600.0	1,556.3	1,616.0	1,595.1	6.9	4.9	143.48	-55.0	177.8	229.0	219.2	9.85	23.242	
1,700.0	1,650.4	1,715.1	1,688.8	7.6	5.5	141.59	-51.3	209.8	239.8	228.8	11.02	21.754	
1,800.0	1,744.5	1,814.2	1,782.6	8.3	6.1	139.86	-47.7	241.8	250.9	238.7	12.24	20.505	
1,900.0	1,838.6	1,913.3	1,876.3	9.0	6.8	138.28	-44.0	273.8	262.2	248.7	13.48	19.450	
2,000.0	1,932.7	2,012.4	1,970.0	9.6	7.4	136.83	-40.4	305.8	273.6	258.9	14.75	18.554	
2,100.0	2,026.8	2,111.6	2,063.7	10.3	8.1	135.49	-36.7	337.8	285.2	269.2	16.03	17.789	
2,200.0	2,120.9	2,210.7	2,157.5	11.0	8.7	134.26	-33.1	369.8	297.0	279.7	17.34	17.130	
2,300.0	2,215.0	2,309.8	2,251.2	11.7	9.4	133.13	-29.4	401.8	308.9	290.2	18.65	16.559	
2,400.0	2,309.1	2,408.9	2,344.9	12.4	10.1	132.08	-25.8	433.8	320.9	300.9	19.98	16.060	
2,500.0	2,403.2	2,508.0	2,438.7	13.1	10.7	131.10	-22.2	465.8	332.9	311.6	21.31	15.622	
2,600.0	2,497.3	2,607.1	2,532.4	13.8	11.4	130.19	-18.5	497.8	345.1	322.5	22.65	15.235	
2,700.0	2,591.4	2,706.2	2,626.1	14.5	12.1	129.35	-14.9	529.9	357.4	333.4	24.00	14.892	
2,800.0	2,685.5	2,805.3	2,719.9	15.2	12.8	128.56	-11.2	561.9	369.7	344.4	25.35	14.585	
2,900.0	2,779.6	2,904.4	2,813.6	15.9	13.4	127.82	-7.6	593.9	382.1	355.4	26.70	14.309	
3,000.0	2,873.7	3,003.6	2,907.3	16.6	14.1	127.13	-3.9	625.9	394.6	366.5	28.06	14.061	
3,100.0	2,967.9	3,102.7	3,001.1	17.3	14.8	126.48	-0.3	657.9	407.1	377.6	29.42	13.837	
3,200.0	3,062.0	3,201.8	3,094.8	18.0	15.5	125.87	3.4	689.9	419.6	388.8	30.78	13.633	
3,300.0	3,156.1	3,300.9	3,188.5	18.7	16.2	125.29	7.0	721.9	432.2	400.1	32.14	13.447	
3,400.0	3,250.2	3,400.0	3,282.2	19.4	16.8	124.75	10.7	753.9	444.9	411.4	33.51	13.277	
3,500.0	3,344.3	3,499.1	3,376.0	20.1	17.5	124.24	14.3	785.9	457.5	422.7	34.87	13.120	
3,600.0	3,438.4	3,598.2	3,469.7	20.9	18.2	123.75	17.9	817.9	470.2	434.0	36.24	12.977	
3,700.0	3,532.5	3,697.3	3,563.4	21.6	18.9	123.29	21.6	849.9	483.0	445.4	37.60	12.844	
3,800.0	3,626.6	3,796.5	3,657.2	22.3	19.6	122.86	25.2	881.9	495.8	456.8	38.97	12.721	
3,900.0	3,720.7	3,895.6	3,750.9	23.0	20.2	122.44	28.9	913.9	508.6	468.2	40.34	12.607	
4,000.0	3,814.8	3,994.7	3,844.6	23.7	20.9	122.05	32.5	945.9	521.4	479.7	41.71	12.501	
4,100.0	3,908.9	4,093.8	3,938.4	24.4	21.6	121.67	36.2	978.0	534.2	491.2	43.08	12.402	
4,200.0	4,003.0	4,192.9	4,032.1	25.1	22.3	121.31	39.8	1,010.0	547.1	502.7	44.44	12.310	
4,300.0	4,097.1	4,292.0	4,125.8	25.8	23.0	120.97	43.5	1,042.0	560.0	514.2	45.81	12.223	
4,400.0	4,191.2	4,391.1	4,219.6	26.5	23.7	120.65	47.1	1,074.0	572.9	525.7	47.18	12.142	
4,500.0	4,285.4	4,490.2	4,313.3	27.2	24.3	120.34	50.8	1,106.0	585.8	537.3	48.55	12.066	
4,600.0	4,379.5	4,589.4	4,407.0	27.9	25.0	120.04	54.4	1,138.0	598.8	548.8	49.92	11.995	
4,700.0	4,473.6	4,688.5	4,500.8	28.6	25.7	119.75	58.0	1,170.0	611.7	560.4	51.29	11.927	
4,800.0	4,567.7	4,787.6	4,594.5	29.3	26.4	119.48	61.7	1,202.0	624.7	572.0	52.66	11.864	
4,900.0	4,661.8	4,886.7	4,688.2	30.0	27.1	119.22	65.3	1,234.0	637.7	583.6	54.02	11.803	
5,000.0	4,755.9	4,985.8	4,781.9	30.7	27.8	118.97	69.0	1,266.0	650.7	595.3	55.39	11.746	

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 M-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 M-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	4,850.0	5,084.9	4,875.7	31.4	28.4	118.72	72.6	1,298.0	663.7	606.9	56.76	11.692	
5,200.0	4,944.1	5,184.0	4,969.4	32.1	29.1	118.49	76.3	1,330.0	676.7	618.6	58.13	11.641	
5,300.0	5,038.2	5,283.1	5,063.1	32.8	29.8	118.27	79.9	1,362.0	689.7	630.2	59.50	11.592	
5,400.0	5,132.3	5,382.3	5,156.9	33.5	30.5	118.05	83.6	1,394.0	702.8	641.9	60.87	11.546	
5,500.0	5,226.4	5,481.4	5,250.6	34.2	31.2	117.84	87.2	1,426.0	715.8	653.6	62.23	11.502	
5,600.0	5,320.5	5,580.5	5,344.3	34.9	31.9	117.64	90.8	1,458.1	728.9	665.3	63.60	11.460	
5,700.0	5,414.6	5,679.6	5,438.1	35.6	32.5	117.45	94.5	1,490.1	741.9	677.0	64.97	11.420	
5,800.0	5,508.7	5,778.7	5,531.8	36.3	33.2	117.26	98.1	1,522.1	755.0	688.7	66.34	11.381	
5,900.0	5,602.8	5,877.8	5,625.5	37.0	33.9	117.08	101.8	1,554.1	768.1	700.4	67.70	11.345	
6,000.0	5,697.0	5,976.9	5,719.3	37.7	34.6	116.91	105.4	1,586.1	781.2	712.1	69.07	11.310	
6,100.0	5,791.1	6,076.0	5,813.0	38.4	35.3	116.74	109.1	1,618.1	794.3	723.8	70.44	11.276	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	178.94	-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	400.444	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-90.0	1.7	90.0	89.3	0.67	133.481	CC, ES
300.0	300.0	300.0	300.0	0.6	0.6	119.44	-90.0	1.7	90.9	89.7	1.12	80.859	
400.0	399.8	399.8	399.8	0.8	0.8	122.19	-90.0	1.7	93.5	92.0	1.58	59.061	
500.0	499.5	499.5	499.5	1.0	1.0	126.39	-90.0	1.7	98.5	96.4	2.06	47.685	
600.0	598.7	598.7	598.7	1.3	1.2	131.56	-90.0	1.7	106.2	103.6	2.57	41.350	
700.0	697.5	697.5	697.5	1.7	1.5	137.11	-90.0	1.7	117.2	114.1	3.09	37.967	
800.0	795.6	795.6	795.6	2.0	1.7	142.54	-90.0	1.7	131.9	128.3	3.61	36.508	
900.0	893.1	893.1	893.1	2.5	1.9	147.51	-90.0	1.7	150.5	146.4	4.14	36.370	
1,000.0	989.6	989.6	989.6	3.0	2.1	151.87	-90.0	1.7	173.1	168.4	4.66	37.154	
1,100.0	1,085.3	1,085.3	1,085.3	3.5	2.3	155.57	-90.0	1.7	199.5	194.3	5.17	38.585	
1,188.4	1,168.9	1,168.9	1,168.9	4.1	2.5	158.35	-90.0	1.7	226.1	220.4	5.62	40.236	
1,200.0	1,179.8	1,179.8	1,179.8	4.2	2.5	158.71	-90.0	1.7	229.7	224.1	5.68	40.480	
1,300.0	1,273.9	1,278.6	1,278.6	4.8	2.8	161.31	-90.0	2.7	261.1	254.9	6.16	42.358	
1,400.0	1,368.0	1,380.4	1,380.2	5.5	3.0	162.86	-90.2	7.3	290.6	283.9	6.66	43.657	
1,500.0	1,462.1	1,483.9	1,483.4	6.2	3.2	163.63	-90.5	15.7	317.9	310.8	7.18	44.300	
1,600.0	1,556.3	1,588.9	1,587.7	6.9	3.4	163.79	-91.0	28.0	342.9	335.2	7.74	44.325	
1,700.0	1,650.4	1,695.2	1,692.8	7.6	3.7	163.47	-91.6	44.3	365.5	357.1	8.34	43.799	
1,800.0	1,744.5	1,802.5	1,798.1	8.3	4.0	162.74	-92.4	64.7	385.6	376.6	9.01	42.779	
1,900.0	1,838.6	1,910.5	1,903.2	9.0	4.4	161.65	-93.4	89.3	403.3	393.6	9.76	41.320	
2,000.0	1,932.7	2,018.9	2,007.8	9.6	4.9	160.21	-94.5	117.8	418.8	408.2	10.61	39.489	
2,100.0	2,026.8	2,127.4	2,111.3	10.3	5.4	158.47	-95.7	150.4	432.2	420.6	11.56	37.380	
2,200.0	2,120.9	2,235.6	2,213.2	11.0	6.0	156.41	-97.1	186.7	443.7	431.1	12.65	35.066	
2,300.0	2,215.0	2,335.2	2,306.2	11.7	6.6	154.37	-98.5	222.4	454.3	440.5	13.81	32.900	
2,400.0	2,309.1	2,433.4	2,397.8	12.4	7.3	152.45	-99.8	257.6	465.5	450.5	15.02	30.996	
2,500.0	2,403.2	2,531.5	2,489.4	13.1	7.9	150.62	-101.2	292.8	477.1	460.9	16.28	29.313	
2,600.0	2,497.3	2,629.7	2,581.1	13.8	8.6	148.87	-102.6	328.0	489.3	471.7	17.58	27.831	
2,700.0	2,591.4	2,727.9	2,672.7	14.5	9.3	147.21	-103.9	363.1	501.8	482.9	18.92	26.525	
2,800.0	2,685.5	2,826.0	2,764.3	15.2	10.0	145.63	-105.3	398.3	514.8	494.5	20.29	25.373	
2,900.0	2,779.6	2,924.2	2,855.9	15.9	10.7	144.13	-106.6	433.5	528.1	506.4	21.68	24.357	
3,000.0	2,873.7	3,022.3	2,947.5	16.6	11.4	142.70	-108.0	468.7	541.8	518.7	23.10	23.457	
3,100.0	2,967.9	3,120.5	3,039.2	17.3	12.2	141.34	-109.3	503.9	555.8	531.2	24.53	22.659	
3,200.0	3,062.0	3,218.7	3,130.8	18.0	12.9	140.05	-110.7	539.1	570.1	544.1	25.97	21.949	
3,300.0	3,156.1	3,316.8	3,222.4	18.7	13.6	138.82	-112.0	574.3	584.6	557.2	27.43	21.315	
3,400.0	3,250.2	3,415.0	3,314.0	19.4	14.3	137.65	-113.4	609.5	599.4	570.6	28.89	20.747	
3,500.0	3,344.3	3,513.1	3,405.7	20.1	15.1	136.54	-114.8	644.7	614.5	584.1	30.36	20.237	
3,600.0	3,438.4	3,611.3	3,497.3	20.9	15.8	135.48	-116.1	679.9	629.8	597.9	31.84	19.778	
3,700.0	3,532.5	3,709.4	3,588.9	21.6	16.6	134.46	-117.5	715.1	645.3	611.9	33.32	19.364	
3,800.0	3,626.6	3,807.6	3,680.5	22.3	17.3	133.50	-118.8	750.3	660.9	626.1	34.81	18.988	
3,900.0	3,720.7	3,905.8	3,772.1	23.0	18.0	132.58	-120.2	785.5	676.8	640.5	36.29	18.647	
4,000.0	3,814.8	4,003.9	3,863.8	23.7	18.8	131.70	-121.5	820.7	692.8	655.0	37.78	18.337	
4,100.0	3,908.9	4,102.1	3,955.4	24.4	19.5	130.86	-122.9	855.9	709.0	669.7	39.27	18.053	
4,200.0	4,003.0	4,200.2	4,047.0	25.1	20.3	130.06	-124.2	891.1	725.3	684.5	40.76	17.794	
4,300.0	4,097.1	4,298.4	4,138.6	25.8	21.0	129.30	-125.6	926.3	741.7	699.5	42.25	17.556	
4,400.0	4,191.2	4,396.6	4,230.3	26.5	21.8	128.56	-126.9	961.5	758.3	714.5	43.74	17.337	
4,500.0	4,285.4	4,494.7	4,321.9	27.2	22.5	127.86	-128.3	996.7	774.9	729.7	45.22	17.136	
4,600.0	4,379.5	4,592.9	4,413.5	27.9	23.2	127.19	-129.7	1,031.9	791.7	745.0	46.71	16.950	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 M-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 M-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	-105.3	1.9	105.3				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-105.3	1.9	105.3	105.1	0.22	468.532	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-105.3	1.9	105.3	104.6	0.67	156.177	CC, ES
300.0	300.0	300.0	300.0	0.6	0.6	119.31	-105.3	1.9	106.2	105.0	1.12	94.482	
400.0	399.8	399.8	399.8	0.8	0.8	121.66	-105.3	1.9	108.8	107.2	1.58	68.721	
500.0	499.5	499.5	499.5	1.0	1.0	125.32	-105.3	1.9	113.6	111.6	2.06	55.055	
600.0	598.7	598.7	598.7	1.3	1.2	129.89	-105.3	1.9	121.1	118.5	2.57	47.177	
700.0	697.5	697.5	697.5	1.7	1.5	134.93	-105.3	1.9	131.7	128.7	3.09	42.652	
800.0	795.6	795.6	795.6	2.0	1.7	140.02	-105.3	1.9	145.9	142.3	3.62	40.305	
900.0	893.1	893.1	893.1	2.5	1.9	144.82	-105.3	1.9	164.0	159.8	4.15	39.461	
1,000.0	989.6	989.6	989.6	3.0	2.1	149.15	-105.3	1.9	185.9	181.2	4.68	39.680	
1,100.0	1,085.3	1,088.3	1,088.3	3.5	2.3	152.72	-105.4	3.3	211.1	205.9	5.20	40.583	
1,188.4	1,168.9	1,176.3	1,176.2	4.1	2.5	154.91	-105.9	7.3	235.2	229.5	5.66	41.564	
1,200.0	1,179.8	1,187.8	1,187.7	4.2	2.5	155.17	-106.0	8.1	238.4	232.7	5.72	41.702	
1,300.0	1,273.9	1,288.5	1,288.0	4.8	2.7	156.76	-106.9	16.4	265.4	259.2	6.25	42.495	
1,400.0	1,368.0	1,390.4	1,389.2	5.5	3.0	157.45	-108.2	28.3	290.8	284.0	6.82	42.654	
1,500.0	1,462.1	1,493.5	1,491.0	6.2	3.3	157.45	-110.0	44.1	314.3	306.9	7.44	42.226	
1,600.0	1,556.3	1,597.3	1,593.0	6.9	3.6	156.90	-112.2	63.6	335.9	327.8	8.14	41.278	
1,700.0	1,650.4	1,701.8	1,694.8	7.6	4.0	155.88	-114.8	86.9	355.8	346.8	8.92	39.883	
1,800.0	1,744.5	1,806.5	1,795.9	8.3	4.4	154.47	-117.8	114.0	373.9	364.1	9.81	38.123	
1,900.0	1,838.6	1,911.3	1,896.0	9.0	4.9	152.69	-121.2	144.8	390.5	379.7	10.81	36.111	
2,000.0	1,932.7	2,014.4	1,993.4	9.6	5.5	150.62	-125.0	178.5	405.8	393.9	11.94	33.978	
2,100.0	2,026.8	2,112.3	2,085.4	10.3	6.1	148.67	-128.7	211.6	421.1	408.0	13.12	32.090	
2,200.0	2,120.9	2,210.1	2,177.3	11.0	6.8	146.85	-132.4	244.7	436.9	422.5	14.35	30.448	
2,300.0	2,215.0	2,307.9	2,269.3	11.7	7.4	145.15	-136.1	277.8	453.0	437.4	15.61	29.023	
2,400.0	2,309.1	2,405.7	2,361.3	12.4	8.1	143.57	-139.8	310.9	469.6	452.7	16.90	27.785	
2,500.0	2,403.2	2,503.5	2,453.2	13.1	8.7	142.10	-143.4	344.0	486.4	468.2	18.21	26.708	
2,600.0	2,497.3	2,601.3	2,545.2	13.8	9.4	140.73	-147.1	377.1	503.6	484.1	19.54	25.767	
2,700.0	2,591.4	2,699.1	2,637.2	14.5	10.1	139.44	-150.8	410.1	521.0	500.1	20.89	24.942	
2,800.0	2,685.5	2,796.9	2,729.2	15.2	10.7	138.24	-154.5	443.2	538.7	516.4	22.25	24.215	
2,900.0	2,779.6	2,894.7	2,821.1	15.9	11.4	137.12	-158.2	476.3	556.6	533.0	23.61	23.572	
3,000.0	2,873.7	2,992.6	2,913.1	16.6	12.1	136.06	-161.9	509.4	574.6	549.7	24.98	23.001	
3,100.0	2,967.9	3,090.4	3,005.1	17.3	12.8	135.07	-165.6	542.5	592.9	566.5	26.36	22.491	
3,200.0	3,062.0	3,188.2	3,097.0	18.0	13.5	134.14	-169.3	575.6	611.3	583.6	27.74	22.035	
3,300.0	3,156.1	3,286.0	3,189.0	18.7	14.2	133.26	-173.0	608.7	629.9	600.8	29.13	21.625	
3,400.0	3,250.2	3,383.8	3,281.0	19.4	14.9	132.43	-176.7	641.8	648.6	618.1	30.52	21.254	
3,500.0	3,344.3	3,481.6	3,372.9	20.1	15.6	131.65	-180.4	674.9	667.4	635.5	31.91	20.919	
3,600.0	3,438.4	3,579.4	3,464.9	20.9	16.3	130.91	-184.0	707.9	686.4	653.1	33.30	20.614	
3,700.0	3,532.5	3,677.2	3,556.9	21.6	17.0	130.21	-187.7	741.0	705.4	670.7	34.69	20.337	
3,800.0	3,626.6	3,775.0	3,648.9	22.3	17.7	129.55	-191.4	774.1	724.6	688.5	36.08	20.083	
3,900.0	3,720.7	3,872.8	3,740.8	23.0	18.4	128.92	-195.1	807.2	743.8	706.3	37.47	19.850	
4,000.0	3,814.8	3,970.7	3,832.8	23.7	19.1	128.32	-198.8	840.3	763.1	724.3	38.86	19.636	
4,100.0	3,908.9	4,068.5	3,924.8	24.4	19.8	127.75	-202.5	873.4	782.5	742.3	40.26	19.439	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	-120.2	2.2	120.2				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-120.2	2.2	120.2	120.0	0.22	534.999	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-120.2	2.2	120.2	119.6	0.67	178.333	CC, ES
300.0	300.0	300.0	300.0	0.6	0.6	119.20	-120.2	2.2	121.1	120.0	1.12	107.780	
400.0	399.8	399.8	399.8	0.8	0.8	121.27	-120.2	2.2	123.7	122.1	1.58	78.155	
500.0	499.5	499.5	499.5	1.0	1.0	124.51	-120.2	2.2	128.5	126.4	2.06	62.263	
600.0	598.7	598.7	598.7	1.3	1.2	128.62	-120.2	2.2	135.8	133.2	2.57	52.895	
700.0	697.5	697.5	697.5	1.7	1.5	133.23	-120.2	2.2	146.1	143.0	3.09	47.273	
800.0	795.6	795.6	795.6	2.0	1.7	137.99	-120.2	2.2	159.9	156.3	3.63	44.073	
900.0	893.1	894.4	894.4	2.5	1.9	142.17	-120.5	3.8	177.0	172.9	4.16	42.558	
1,000.0	989.6	993.5	993.3	3.0	2.1	145.19	-121.4	8.6	196.9	192.2	4.70	41.934	
1,100.0	1,085.3	1,092.8	1,092.3	3.5	2.3	147.24	-122.9	16.9	219.1	213.8	5.26	41.641	
1,188.4	1,168.9	1,180.7	1,179.6	4.1	2.5	148.41	-124.8	27.1	240.3	234.5	5.80	41.456	
1,200.0	1,179.8	1,192.3	1,191.1	4.2	2.5	148.55	-125.1	28.6	243.2	237.4	5.87	41.447	
1,300.0	1,273.9	1,292.3	1,289.9	4.8	2.8	149.26	-127.9	43.7	267.5	260.9	6.52	41.007	
1,400.0	1,368.0	1,393.1	1,388.8	5.5	3.2	149.19	-131.3	62.4	290.5	283.3	7.25	40.079	
1,500.0	1,462.1	1,494.2	1,487.4	6.2	3.5	148.50	-135.4	84.5	312.4	304.4	8.06	38.740	
1,600.0	1,556.3	1,595.6	1,585.4	6.9	4.0	147.31	-140.1	110.2	333.2	324.3	8.98	37.089	
1,700.0	1,650.4	1,696.9	1,682.3	7.6	4.5	145.70	-145.5	139.2	353.1	343.1	10.02	35.236	
1,800.0	1,744.5	1,797.8	1,777.8	8.3	5.1	143.73	-151.4	171.4	372.3	361.2	11.18	33.290	
1,900.0	1,838.6	1,895.2	1,869.3	9.0	5.7	141.78	-157.5	204.1	391.5	379.1	12.41	31.543	
2,000.0	1,932.7	1,992.5	1,960.7	9.6	6.3	140.00	-163.5	236.8	411.1	397.4	13.68	30.058	
2,100.0	2,026.8	2,089.8	2,052.1	10.3	7.0	138.39	-169.5	269.5	431.0	416.0	14.97	28.798	
2,200.0	2,120.9	2,187.1	2,143.6	11.0	7.7	136.92	-175.5	302.2	451.2	434.9	16.27	27.724	
2,300.0	2,215.0	2,284.3	2,235.0	11.7	8.3	135.57	-181.6	334.8	471.7	454.1	17.60	26.802	
2,400.0	2,309.1	2,381.6	2,326.5	12.4	9.0	134.34	-187.6	367.5	492.4	473.5	18.93	26.007	
2,500.0	2,403.2	2,478.9	2,417.9	13.1	9.7	133.20	-193.6	400.2	513.3	493.0	20.28	25.317	
2,600.0	2,497.3	2,576.2	2,509.4	13.8	10.4	132.15	-199.6	432.9	534.4	512.8	21.62	24.714	
2,700.0	2,591.4	2,673.5	2,600.8	14.5	11.1	131.19	-205.7	465.6	555.7	532.7	22.98	24.184	
2,800.0	2,685.5	2,770.8	2,692.2	15.2	11.8	130.29	-211.7	498.3	577.1	552.7	24.33	23.715	
2,900.0	2,779.6	2,868.1	2,783.7	15.9	12.5	129.46	-217.7	530.9	598.6	572.9	25.69	23.299	
3,000.0	2,873.7	2,965.4	2,875.1	16.6	13.2	128.68	-223.8	563.6	620.2	593.2	27.05	22.928	
3,100.0	2,967.9	3,062.7	2,966.6	17.3	13.9	127.96	-229.8	596.3	642.0	613.5	28.41	22.594	
3,200.0	3,062.0	3,160.0	3,058.0	18.0	14.6	127.28	-235.8	629.0	663.8	634.0	29.77	22.294	
3,300.0	3,156.1	3,257.3	3,149.5	18.7	15.3	126.65	-241.8	661.7	685.7	654.6	31.14	22.023	
3,400.0	3,250.2	3,354.6	3,240.9	19.4	16.0	126.05	-247.9	694.4	707.7	675.2	32.50	21.776	
3,500.0	3,344.3	3,451.9	3,332.3	20.1	16.7	125.49	-253.9	727.1	729.7	695.9	33.86	21.551	
3,600.0	3,438.4	3,549.2	3,423.8	20.9	17.4	124.97	-259.9	759.7	751.9	716.6	35.22	21.346	
3,700.0	3,532.5	3,646.5	3,515.2	21.6	18.1	124.47	-266.0	792.4	774.0	737.5	36.59	21.157	
3,800.0	3,626.6	3,743.8	3,606.7	22.3	18.8	124.00	-272.0	825.1	796.3	758.3	37.95	20.984	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	-135.2	2.5	135.2				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-135.2	2.5	135.2	135.0	0.22	601.467	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-135.2	2.5	135.2	134.5	0.67	200.489	CC, ES
300.0	300.0	300.0	300.0	0.6	0.6	119.12	-135.2	2.5	136.0	134.9	1.12	121.079	
400.0	399.8	399.8	399.8	0.8	0.8	120.97	-135.2	2.5	138.7	137.1	1.58	87.592	
500.0	499.5	499.5	499.5	1.0	1.0	123.87	-135.2	2.5	143.3	141.3	2.06	69.481	
600.0	598.7	598.7	598.7	1.3	1.2	127.59	-135.2	2.5	150.5	147.9	2.57	58.635	
700.0	697.5	696.9	696.9	1.7	1.4	131.23	-135.7	4.1	160.7	157.7	3.08	52.240	
800.0	795.6	795.2	795.0	2.0	1.6	134.08	-137.2	8.8	174.2	170.6	3.61	48.314	
900.0	893.1	893.4	892.9	2.5	1.9	136.16	-139.8	16.8	190.6	186.4	4.18	45.642	
1,000.0	989.6	991.4	990.2	3.0	2.1	137.56	-143.4	27.9	209.7	204.9	4.80	43.694	
1,100.0	1,085.3	1,089.2	1,086.8	3.5	2.4	138.39	-148.0	42.1	231.4	225.9	5.49	42.150	
1,188.4	1,168.9	1,175.3	1,171.4	4.1	2.7	138.74	-152.9	57.3	252.6	246.5	6.17	40.958	
1,200.0	1,179.8	1,186.5	1,182.5	4.2	2.7	138.80	-153.6	59.4	255.6	249.3	6.26	40.828	
1,300.0	1,273.9	1,283.8	1,277.4	4.8	3.1	138.86	-160.2	79.8	280.6	273.4	7.10	39.487	
1,400.0	1,368.0	1,381.1	1,371.5	5.5	3.5	138.28	-167.8	103.2	305.4	297.4	8.04	37.970	
1,500.0	1,462.1	1,478.2	1,464.5	6.2	4.1	137.20	-176.4	129.5	330.2	321.1	9.08	36.361	
1,600.0	1,556.3	1,574.8	1,556.1	6.9	4.6	135.73	-185.9	158.7	355.0	344.8	10.21	34.760	
1,700.0	1,650.4	1,671.1	1,646.9	7.6	5.2	134.18	-195.8	189.4	380.1	368.7	11.42	33.285	
1,800.0	1,744.5	1,767.4	1,737.6	8.3	5.9	132.82	-205.8	220.1	405.4	392.8	12.65	32.043	
1,900.0	1,838.6	1,863.8	1,828.3	9.0	6.5	131.62	-215.8	250.8	431.0	417.1	13.90	31.002	
2,000.0	1,932.7	1,960.1	1,919.1	9.6	7.2	130.56	-225.7	281.6	456.6	441.5	15.16	30.118	
2,100.0	2,026.8	2,056.4	2,009.8	10.3	7.8	129.60	-235.7	312.3	482.4	466.0	16.43	29.363	
2,200.0	2,120.9	2,152.7	2,100.6	11.0	8.5	128.75	-245.7	343.0	508.4	490.7	17.71	28.712	
2,300.0	2,215.0	2,249.0	2,191.3	11.7	9.2	127.97	-255.6	373.7	534.4	515.4	18.99	28.146	
2,400.0	2,309.1	2,345.3	2,282.1	12.4	9.9	127.27	-265.6	404.4	560.5	540.2	20.27	27.651	
2,500.0	2,403.2	2,441.7	2,372.8	13.1	10.5	126.63	-275.6	435.1	586.6	565.1	21.56	27.215	
2,600.0	2,497.3	2,538.0	2,463.6	13.8	11.2	126.05	-285.6	465.8	612.9	590.0	22.84	26.828	
2,700.0	2,591.4	2,634.3	2,554.3	14.5	11.9	125.51	-295.5	496.5	639.2	615.0	24.13	26.484	
2,800.0	2,685.5	2,730.6	2,645.0	15.2	12.6	125.01	-305.5	527.2	665.5	640.1	25.43	26.174	
2,900.0	2,779.6	2,826.9	2,735.8	15.9	13.3	124.56	-315.5	557.9	691.9	665.1	26.72	25.896	
3,000.0	2,873.7	2,923.2	2,826.5	16.6	14.0	124.13	-325.4	588.6	718.3	690.3	28.01	25.644	
3,100.0	2,967.9	3,019.6	2,917.3	17.3	14.6	123.74	-335.4	619.3	744.7	715.4	29.30	25.415	
3,200.0	3,062.0	3,115.9	3,008.0	18.0	15.3	123.37	-345.4	650.0	771.2	740.6	30.60	25.205	
3,300.0	3,156.1	3,212.2	3,098.8	18.7	16.0	123.03	-355.3	680.7	797.7	765.8	31.89	25.014	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	179.04	-150.1	2.5	150.1				
100.0	100.0	100.0	100.0	0.1	0.1	179.04	-150.1	2.5	150.1	149.9	0.22	667.895	
200.0	200.0	200.0	200.0	0.3	0.3	179.04	-150.1	2.5	150.1	149.4	0.67	222.632	CC, ES
300.0	300.0	300.0	300.0	0.6	0.6	119.16	-150.1	2.5	151.0	149.8	1.12	134.369	
400.0	399.8	399.8	399.8	0.8	0.8	120.82	-150.1	2.5	153.6	152.0	1.58	97.028	
500.0	499.5	497.7	497.7	1.0	1.0	122.82	-150.7	4.0	158.8	156.7	2.04	77.685	
600.0	598.7	595.5	595.3	1.3	1.2	124.51	-152.7	8.7	167.2	164.6	2.53	66.068	
700.0	697.5	693.0	692.5	1.7	1.4	125.83	-155.8	16.3	178.7	175.6	3.07	58.243	
800.0	795.6	790.3	789.0	2.0	1.7	126.78	-160.3	27.0	193.2	189.6	3.67	52.686	
900.0	893.1	887.0	884.7	2.5	2.0	127.39	-165.9	40.6	210.7	206.4	4.34	48.551	
1,000.0	989.6	983.2	979.1	3.0	2.3	127.70	-172.8	57.1	231.1	226.0	5.10	45.349	
1,100.0	1,085.3	1,078.6	1,072.3	3.5	2.7	127.75	-180.8	76.4	254.4	248.4	5.95	42.789	
1,188.4	1,168.9	1,162.3	1,153.4	4.1	3.1	127.63	-188.8	95.6	277.3	270.5	6.78	40.909	
1,200.0	1,179.8	1,173.3	1,163.9	4.2	3.2	127.65	-189.9	98.3	280.4	273.5	6.89	40.695	
1,300.0	1,273.9	1,267.4	1,254.2	4.8	3.7	127.50	-200.1	122.8	307.9	300.0	7.92	38.881	
1,400.0	1,368.0	1,361.0	1,343.1	5.5	4.2	126.83	-211.3	150.0	336.1	327.1	9.02	37.258	
1,500.0	1,462.1	1,456.7	1,433.5	6.2	4.9	126.03	-223.4	178.9	364.7	354.5	10.19	35.787	
1,600.0	1,556.3	1,552.5	1,524.0	6.9	5.5	125.35	-235.4	207.9	393.3	381.9	11.38	34.557	
1,700.0	1,650.4	1,648.2	1,614.4	7.6	6.1	124.76	-247.4	236.9	421.9	409.4	12.58	33.535	
1,800.0	1,744.5	1,743.9	1,704.8	8.3	6.8	124.25	-259.4	265.9	450.6	436.8	13.79	32.669	
1,900.0	1,838.6	1,839.6	1,795.3	9.0	7.4	123.79	-271.5	294.8	479.4	464.4	15.01	31.928	
2,000.0	1,932.7	1,935.3	1,885.7	9.6	8.1	123.39	-283.5	323.8	508.1	491.9	16.24	31.290	
2,100.0	2,026.8	2,031.1	1,976.1	10.3	8.8	123.03	-295.5	352.8	536.9	519.4	17.47	30.734	
2,200.0	2,120.9	2,126.8	2,066.6	11.0	9.4	122.71	-307.6	381.7	565.7	547.0	18.70	30.247	
2,300.0	2,215.0	2,222.5	2,157.0	11.7	10.1	122.42	-319.6	410.7	594.5	574.6	19.94	29.816	
2,400.0	2,309.1	2,318.2	2,247.4	12.4	10.7	122.15	-331.6	439.7	623.3	602.2	21.18	29.434	
2,500.0	2,403.2	2,413.9	2,337.9	13.1	11.4	121.91	-343.6	468.7	652.2	629.8	22.42	29.092	
2,600.0	2,497.3	2,509.6	2,428.3	13.8	12.1	121.69	-355.7	497.6	681.0	657.4	23.66	28.784	
2,700.0	2,591.4	2,605.4	2,518.7	14.5	12.7	121.49	-367.7	526.6	709.9	685.0	24.90	28.506	
2,800.0	2,685.5	2,701.1	2,609.2	15.2	13.4	121.30	-379.7	555.6	738.7	712.6	26.15	28.253	
2,900.0	2,779.6	2,796.8	2,699.6	15.9	14.1	121.13	-391.8	584.5	767.6	740.2	27.39	28.022	
3,000.0	2,873.7	2,892.5	2,790.0	16.6	14.8	120.97	-403.8	613.5	796.5	767.8	28.64	27.812	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	179.03	-165.0	2.8	165.1				
100.0	100.0	100.0	100.0	0.1	0.1	179.03	-165.0	2.8	165.1	164.8	0.22	734.380	
200.0	200.0	200.0	200.0	0.3	0.3	179.03	-165.0	2.8	165.1	164.4	0.67	244.793	CC, ES
300.0	300.0	297.4	297.4	0.6	0.5	118.57	-165.8	4.3	166.7	165.6	1.10	150.953	
400.0	399.8	394.7	394.5	0.8	0.8	118.50	-167.9	8.7	171.5	169.9	1.55	110.455	
500.0	499.5	491.7	491.2	1.0	1.0	118.39	-171.6	16.1	179.5	177.5	2.05	87.731	
600.0	598.7	588.2	587.0	1.3	1.3	118.25	-176.6	26.4	190.7	188.1	2.60	73.481	
700.0	697.5	684.2	681.9	1.7	1.6	118.07	-183.0	39.4	205.0	201.8	3.21	63.837	
800.0	795.6	779.4	775.5	2.0	1.9	117.85	-190.7	55.2	222.5	218.6	3.91	56.952	
900.0	893.1	873.9	867.7	2.5	2.4	117.61	-199.7	73.6	243.0	238.3	4.69	51.847	
1,000.0	989.6	967.3	958.2	3.0	2.8	117.33	-209.9	94.5	266.6	261.0	5.56	47.952	
1,100.0	1,085.3	1,059.8	1,046.9	3.5	3.3	117.03	-221.3	117.8	293.0	286.5	6.52	44.916	
1,188.4	1,168.9	1,140.5	1,123.7	4.1	3.8	116.74	-232.3	140.2	318.9	311.4	7.45	42.774	
1,200.0	1,179.8	1,151.0	1,133.7	4.2	3.9	116.76	-233.8	143.3	322.4	314.8	7.58	42.519	
1,300.0	1,273.9	1,244.8	1,222.0	4.8	4.5	116.80	-247.5	171.3	353.4	344.6	8.73	40.489	
1,400.0	1,368.0	1,339.9	1,311.6	5.5	5.2	116.82	-261.5	199.9	384.4	374.5	9.91	38.804	
1,500.0	1,462.1	1,434.9	1,401.2	6.2	5.9	116.83	-275.5	228.5	415.4	404.3	11.09	37.440	
1,600.0	1,556.3	1,530.0	1,490.8	6.9	6.5	116.85	-289.5	257.1	446.4	434.1	12.30	36.305	
1,700.0	1,650.4	1,625.1	1,580.4	7.6	7.2	116.86	-303.5	285.7	477.4	463.9	13.50	35.351	
1,800.0	1,744.5	1,720.1	1,670.0	8.3	7.9	116.87	-317.5	314.2	508.4	493.7	14.72	34.540	
1,900.0	1,838.6	1,815.2	1,759.6	9.0	8.5	116.88	-331.5	342.8	539.4	523.5	15.94	33.842	
2,000.0	1,932.7	1,910.3	1,849.2	9.6	9.2	116.89	-345.4	371.4	570.4	553.3	17.16	33.237	
2,100.0	2,026.8	2,005.3	1,938.7	10.3	9.9	116.89	-359.4	400.0	601.4	583.0	18.39	32.707	
2,200.0	2,120.9	2,100.4	2,028.3	11.0	10.6	116.90	-373.4	428.6	632.4	612.8	19.62	32.240	
2,300.0	2,215.0	2,195.5	2,117.9	11.7	11.3	116.91	-387.4	457.1	663.5	642.6	20.85	31.825	
2,400.0	2,309.1	2,290.6	2,207.5	12.4	11.9	116.91	-401.4	485.7	694.5	672.4	22.08	31.453	
2,500.0	2,403.2	2,385.6	2,297.1	13.1	12.6	116.92	-415.4	514.3	725.5	702.2	23.31	31.120	
2,600.0	2,497.3	2,480.7	2,386.7	13.8	13.3	116.92	-429.4	542.9	756.5	731.9	24.55	30.818	
2,700.0	2,591.4	2,575.8	2,476.3	14.5	14.0	116.93	-443.3	571.4	787.5	761.7	25.78	30.544	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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	-34.59	607.3	-418.8	738.0				
100.0	100.0	79.0	79.0	0.1	1.6	-34.59	607.3	-418.8	737.7	736.0	1.69	435.864	
200.0	200.0	179.0	179.0	0.3	3.6	-34.59	607.3	-418.8	737.7	733.8	3.92	188.325	
300.0	300.0	279.0	279.0	0.6	5.6	-95.17	607.3	-418.8	737.9	731.8	6.14	120.241	
400.0	399.8	378.8	378.8	0.8	7.6	-95.56	607.3	-418.8	738.4	730.0	8.36	88.313	
500.0	499.5	478.5	478.5	1.0	9.6	-96.22	607.3	-418.8	739.3	728.7	10.60	69.721	
600.0	598.7	577.7	577.7	1.3	11.6	-97.12	607.3	-418.8	740.7	727.8	12.87	57.546	
700.0	697.5	676.5	676.5	1.7	13.5	-98.26	607.3	-418.8	742.8	727.7	15.17	48.965	
800.0	795.6	774.6	774.6	2.0	15.5	-99.62	607.3	-418.8	745.8	728.3	17.50	42.611	
900.0	893.1	872.1	872.1	2.5	17.4	-101.19	607.3	-418.8	750.0	730.1	19.87	37.745	
1,000.0	989.6	968.6	968.6	3.0	19.4	-102.95	607.3	-418.8	755.6	733.3	22.27	33.935	
1,100.0	1,085.3	1,064.3	1,064.3	3.5	21.3	-104.86	607.3	-418.8	762.9	738.3	24.69	30.907	
1,188.4	1,168.9	1,147.9	1,147.9	4.1	23.0	-106.66	607.3	-418.8	771.1	744.3	26.83	28.736	
1,200.0	1,179.8	1,158.8	1,158.8	4.2	23.2	-106.92	607.3	-418.8	772.3	745.2	27.12	28.479	
1,300.0	1,273.9	1,252.9	1,252.9	4.8	25.1	-109.16	607.3	-418.8	783.4	753.8	29.56	26.500	
1,400.0	1,368.0	1,347.0	1,347.0	5.5	26.9	-111.35	607.3	-418.8	795.7	763.7	31.99	24.874	
8,900.0	7,162.5	7,141.5	7,141.5	49.9	142.8	-90.42	607.3	-418.8	784.2	591.8	192.35	4.077	
9,000.0	7,162.0	7,141.0	7,141.0	51.6	142.8	-90.35	607.3	-418.8	705.7	511.6	194.16	3.635	
9,100.0	7,161.4	7,140.4	7,140.4	53.5	142.8	-90.29	607.3	-418.8	633.4	437.3	196.05	3.231	
9,200.0	7,160.9	7,139.9	7,139.9	55.4	142.8	-90.22	607.3	-418.8	569.5	371.5	198.02	2.876	
9,300.0	7,160.4	7,139.4	7,139.4	57.4	142.8	-90.15	607.3	-418.8	517.2	317.1	200.06	2.585	
9,400.0	7,159.8	7,138.8	7,138.8	59.4	142.8	-90.09	607.3	-418.8	480.2	278.1	202.16	2.376	
9,500.0	7,159.3	7,138.3	7,138.3	61.6	142.8	-90.02	607.3	-418.8	462.4	258.1	204.31	2.263	
9,534.3	7,159.1	7,138.1	7,138.1	62.3	142.8	-90.00	607.3	-418.8	461.1	256.0	205.06	2.249	CC, ES, SF
9,600.0	7,158.8	7,137.8	7,137.8	63.8	142.8	-89.96	607.3	-418.8	465.8	259.2	206.51	2.255	
9,700.0	7,158.2	7,137.2	7,137.2	66.0	142.7	-89.89	607.3	-418.8	490.0	281.2	208.76	2.347	
9,800.0	7,157.7	7,136.7	7,136.7	68.3	142.7	-89.82	607.3	-418.8	532.2	321.1	211.05	2.522	
9,900.0	7,157.2	7,136.2	7,136.2	70.7	142.7	-89.76	607.3	-418.8	588.5	375.1	213.37	2.758	
10,000.0	7,156.7	7,135.7	7,135.7	73.0	142.7	-89.69	607.3	-418.8	655.4	439.6	215.72	3.038	
10,100.0	7,156.1	7,135.1	7,135.1	75.4	142.7	-89.63	607.3	-418.8	729.8	511.7	218.11	3.346	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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
11,400.0	7,149.2	7,134.2	7,134.2	108.5	142.7	-90.38	504.4	-2,882.0	770.9	519.8	251.12	3.070	
11,500.0	7,148.7	7,133.7	7,133.7	111.1	142.7	-90.31	504.4	-2,882.0	696.0	442.2	253.74	2.743	
11,600.0	7,148.2	7,133.2	7,133.2	113.7	142.7	-90.25	504.4	-2,882.0	628.0	371.7	256.36	2.450	
11,700.0	7,147.6	7,132.6	7,132.6	116.4	142.7	-90.19	504.4	-2,882.0	569.7	310.7	258.99	2.200	
11,800.0	7,147.1	7,132.1	7,132.1	119.0	142.6	-90.13	504.4	-2,882.0	524.0	262.4	261.63	2.003	
11,900.0	7,146.6	7,131.6	7,131.6	121.7	142.6	-90.06	504.4	-2,882.0	494.7	230.4	264.27	1.872	
11,999.5	7,146.1	7,131.1	7,131.1	124.3	142.6	-90.00	504.4	-2,882.0	484.6	217.7	266.91	1.815	CC
12,000.0	7,146.1	7,131.1	7,131.1	124.4	142.6	-90.00	504.4	-2,882.0	484.6	217.6	266.92	1.815	ES, SF
12,100.0	7,145.5	7,130.5	7,130.5	127.0	142.6	-89.94	504.4	-2,882.0	494.9	225.3	269.58	1.836	
12,200.0	7,145.0	7,130.0	7,130.0	129.7	142.6	-89.87	504.4	-2,882.0	524.4	252.2	272.24	1.926	
12,300.0	7,144.5	7,129.5	7,129.5	132.4	142.6	-89.81	504.4	-2,882.0	570.2	295.2	274.91	2.074	
12,400.0	7,143.9	7,128.9	7,128.9	135.1	142.6	-89.75	504.4	-2,882.0	628.6	351.0	277.58	2.265	
12,500.0	7,143.4	7,128.4	7,128.4	137.8	142.6	-89.69	504.4	-2,882.0	696.6	416.3	280.25	2.486	
12,600.0	7,142.9	7,127.9	7,127.9	140.5	142.6	-89.62	504.4	-2,882.0	771.6	488.6	282.93	2.727	

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 M-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 M-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
1,600.0	1,556.3	1,539.3	1,539.3	6.9	30.8	-1.61	547.9	925.3	767.4	734.3	33.06	23.215	
1,700.0	1,650.4	1,633.4	1,633.4	7.6	32.7	-1.68	547.9	925.3	733.6	698.4	35.14	20.874	
1,800.0	1,744.5	1,727.5	1,727.5	8.3	34.5	-1.77	547.9	925.3	699.8	662.5	37.23	18.795	
1,900.0	1,838.6	1,821.6	1,821.6	9.0	36.4	-1.86	547.9	925.3	666.0	626.6	39.32	16.936	
2,000.0	1,932.7	1,915.7	1,915.7	9.6	38.3	-1.95	547.9	925.3	632.2	590.7	41.41	15.264	
2,100.0	2,026.8	2,009.8	2,009.8	10.3	40.2	-2.07	547.9	925.3	598.4	554.8	43.51	13.752	
2,200.0	2,120.9	2,103.9	2,103.9	11.0	42.1	-2.19	547.9	925.3	564.6	518.9	45.60	12.379	
2,300.0	2,215.0	2,198.0	2,198.0	11.7	44.0	-2.33	547.9	925.3	530.8	483.1	47.70	11.126	
2,400.0	2,309.1	2,292.1	2,292.1	12.4	45.8	-2.49	547.9	925.3	497.0	447.2	49.80	9.979	
2,500.0	2,403.2	2,386.2	2,386.2	13.1	47.7	-2.67	547.9	925.3	463.2	411.3	51.90	8.924	
2,600.0	2,497.3	2,480.3	2,480.3	13.8	49.6	-2.88	547.9	925.3	429.4	375.4	54.00	7.951	
2,700.0	2,591.4	2,574.4	2,574.4	14.5	51.5	-3.12	547.9	925.3	395.6	339.5	56.11	7.050	
2,800.0	2,685.5	2,668.5	2,668.5	15.2	53.4	-3.42	547.9	925.3	361.8	303.6	58.22	6.215	
2,900.0	2,779.6	2,762.6	2,762.6	15.9	55.3	-3.77	547.9	925.3	328.1	267.7	60.33	5.438	
3,000.0	2,873.7	2,856.7	2,856.7	16.6	57.1	-4.20	547.9	925.3	294.3	231.9	62.45	4.713	
3,100.0	2,967.9	2,950.9	2,950.9	17.3	59.0	-4.74	547.9	925.3	260.6	196.0	64.58	4.035	
3,200.0	3,062.0	3,045.0	3,045.0	18.0	60.9	-5.45	547.9	925.3	226.9	160.2	66.72	3.400	
3,300.0	3,156.1	3,139.1	3,139.1	18.7	62.8	-6.40	547.9	925.3	193.2	124.3	68.90	2.805	
3,400.0	3,250.2	3,233.2	3,233.2	19.4	64.7	-7.76	547.9	925.3	159.6	88.5	71.12	2.245	
3,500.0	3,344.3	3,327.3	3,327.3	20.1	66.5	-9.83	547.9	925.3	126.2	52.7	73.44	1.718	
3,600.0	3,438.4	3,421.4	3,421.4	20.9	68.4	-13.38	547.9	925.3	92.9	16.9	76.04	1.222	Level 2
3,700.0	3,532.5	3,515.5	3,515.5	21.6	70.3	-20.77	547.9	925.3	60.4	-19.2	79.55	0.759	Level 1
3,800.0	3,626.6	3,609.6	3,609.6	22.3	72.2	-43.10	547.9	925.3	30.7	-56.7	87.39	0.351	Level 1
3,868.1	3,690.7	3,673.7	3,673.7	22.7	73.5	-90.00	547.9	925.3	20.3	-75.9	96.21	0.211	Level 1, CC, ES, SF
3,900.0	3,720.7	3,703.7	3,703.7	23.0	74.1	-116.56	547.9	925.3	23.0	-71.3	94.27	0.244	Level 1
4,000.0	3,814.8	3,797.8	3,797.8	23.7	76.0	-154.20	547.9	925.3	49.0	-38.0	86.99	0.563	Level 1
4,100.0	3,908.9	3,891.9	3,891.9	24.4	77.8	-164.63	547.9	925.3	81.0	-5.8	86.83	0.933	Level 1
4,200.0	4,003.0	3,986.0	3,986.0	25.1	79.7	-169.13	547.9	925.3	114.1	25.8	88.23	1.293	Level 3
4,300.0	4,097.1	4,080.1	4,080.1	25.8	81.6	-171.60	547.9	925.3	147.5	57.4	90.04	1.638	
4,400.0	4,191.2	4,174.2	4,174.2	26.5	83.5	-173.16	547.9	925.3	181.0	89.0	91.99	1.968	
4,500.0	4,285.4	4,268.4	4,268.4	27.2	85.4	-174.24	547.9	925.3	214.7	120.7	94.00	2.284	
4,600.0	4,379.5	4,362.5	4,362.5	27.9	87.2	-175.02	547.9	925.3	248.4	152.3	96.05	2.586	
4,700.0	4,473.6	4,456.6	4,456.6	28.6	89.1	-175.62	547.9	925.3	282.1	184.0	98.11	2.875	
4,800.0	4,567.7	4,550.7	4,550.7	29.3	91.0	-176.09	547.9	925.3	315.8	215.6	100.19	3.152	
4,900.0	4,661.8	4,644.8	4,644.8	30.0	92.9	-176.46	547.9	925.3	349.6	247.3	102.27	3.418	
5,000.0	4,755.9	4,738.9	4,738.9	30.7	94.8	-176.78	547.9	925.3	383.4	279.0	104.35	3.674	
5,100.0	4,850.0	4,833.0	4,833.0	31.4	96.7	-177.04	547.9	925.3	417.1	310.7	106.44	3.919	
5,200.0	4,944.1	4,927.1	4,927.1	32.1	98.5	-177.26	547.9	925.3	450.9	342.4	108.54	4.155	
5,300.0	5,038.2	5,021.2	5,021.2	32.8	100.4	-177.45	547.9	925.3	484.7	374.1	110.63	4.381	
5,400.0	5,132.3	5,115.3	5,115.3	33.5	102.3	-177.62	547.9	925.3	518.5	405.8	112.72	4.600	
5,500.0	5,226.4	5,209.4	5,209.4	34.2	104.2	-177.76	547.9	925.3	552.3	437.5	114.82	4.810	
5,600.0	5,320.5	5,303.5	5,303.5	34.9	106.1	-177.89	547.9	925.3	586.1	469.2	116.91	5.013	
5,700.0	5,414.6	5,397.6	5,397.6	35.6	108.0	-178.01	547.9	925.3	619.9	500.9	119.01	5.209	
5,800.0	5,508.7	5,491.7	5,491.7	36.3	109.8	-178.11	547.9	925.3	653.7	532.6	121.11	5.398	
5,900.0	5,602.8	5,585.8	5,585.8	37.0	111.7	-178.20	547.9	925.3	687.5	564.3	123.20	5.580	
6,000.0	5,697.0	5,680.0	5,680.0	37.7	113.6	-178.29	547.9	925.3	721.3	596.0	125.30	5.757	
6,100.0	5,791.1	5,774.1	5,774.1	38.4	115.5	-178.36	547.9	925.3	755.1	627.7	127.40	5.927	
6,200.0	5,885.2	5,868.2	5,868.2	39.1	117.4	-178.43	547.9	925.3	788.9	659.4	129.50	6.092	
7,650.0	7,131.5	7,114.5	7,114.5	42.3	142.3	-73.48	547.9	925.3	774.9	604.2	170.70	4.540	
7,700.0	7,146.9	7,129.9	7,129.9	42.1	142.6	-78.00	547.9	925.3	744.7	569.6	175.11	4.253	
7,750.0	7,158.2	7,141.2	7,141.2	42.0	142.8	-82.32	547.9	925.3	715.1	536.7	178.38	4.009	
7,800.0	7,165.2	7,148.2	7,148.2	41.9	143.0	-86.23	547.9	925.3	686.6	506.2	180.40	3.806	

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 M-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 M-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
7,850.0	7,168.0	7,151.0	7,151.0	41.8	143.0	-89.58	547.9	925.3	659.8	478.4	181.35	3.638	
7,860.2	7,168.0	7,151.0	7,151.0	41.8	143.0	-90.18	547.9	925.3	654.5	473.1	181.44	3.608	
7,900.0	7,167.8	7,150.8	7,150.8	41.8	143.0	-90.16	547.9	925.3	635.3	453.7	181.51	3.500	
8,000.0	7,167.3	7,150.3	7,150.3	41.8	143.0	-90.10	547.9	925.3	595.8	414.0	181.84	3.277	
8,100.0	7,166.7	7,149.7	7,149.7	42.0	143.0	-90.05	547.9	925.3	571.3	389.0	182.36	3.133	
8,192.8	7,166.2	7,149.2	7,149.2	42.3	143.0	-90.00	547.9	925.3	563.8	380.7	183.02	3.080	
8,200.0	7,166.2	7,149.2	7,149.2	42.4	143.0	-90.00	547.9	925.3	563.8	380.7	183.07	3.080	
8,300.0	7,165.7	7,148.7	7,148.7	42.9	143.0	-89.94	547.9	925.3	573.9	389.9	183.96	3.119	
8,400.0	7,165.1	7,148.1	7,148.1	43.6	143.0	-89.89	547.9	925.3	600.6	415.6	185.02	3.246	
8,500.0	7,164.6	7,147.6	7,147.6	44.6	143.0	-89.83	547.9	925.3	642.0	455.8	186.24	3.447	
8,600.0	7,164.1	7,147.1	7,147.1	45.7	142.9	-89.78	547.9	925.3	695.4	507.9	187.59	3.707	
8,700.0	7,163.5	7,146.5	7,146.5	46.9	142.9	-89.73	547.9	925.3	758.3	569.3	189.08	4.011	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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
7,550.0	7,088.8	10,055.1	7,149.0	42.6	57.3	-19.65	1,046.5	747.8	792.8	753.4	39.34	20.154	
7,600.0	7,112.1	10,047.7	7,149.5	42.4	57.2	-19.56	1,053.8	747.2	747.8	711.3	36.49	20.495	
7,650.0	7,131.5	10,041.0	7,150.0	42.3	57.1	-19.87	1,060.5	746.6	701.6	666.6	35.01	20.037	
7,700.0	7,146.9	10,034.2	7,150.4	42.1	57.0	-20.57	1,067.2	746.0	654.2	619.2	35.04	18.671	
7,750.0	7,158.2	10,028.5	7,150.8	42.0	56.9	-22.34	1,073.0	745.5	605.9	569.1	36.73	16.493	
7,800.0	7,165.2	10,023.8	7,151.1	41.9	56.8	-26.86	1,077.6	745.1	556.7	515.6	41.17	13.521	
7,850.0	7,168.0	10,020.3	7,151.3	41.8	56.8	-42.60	1,081.1	744.8	507.1	452.5	54.57	9.293	
7,860.2	7,168.0	10,019.7	7,151.4	41.8	56.8	-50.71	1,081.7	744.8	496.9	436.5	60.41	8.225	
7,900.0	7,167.8	10,017.5	7,151.5	41.8	56.7	-48.27	1,083.9	744.6	457.2	398.3	58.93	7.758	
8,000.0	7,167.3	10,012.1	7,151.8	41.8	56.7	-40.88	1,089.2	744.1	357.4	303.2	54.27	6.587	
8,100.0	7,166.7	10,006.8	7,152.2	42.0	56.6	-31.31	1,094.5	743.7	257.7	209.8	47.94	5.376	
8,200.0	7,166.2	10,001.7	7,152.5	42.4	56.5	-19.24	1,099.5	743.3	158.3	117.8	40.51	3.907	
8,300.0	7,165.7	9,996.8	7,152.8	42.9	56.4	-5.03	1,104.5	742.9	60.2	24.1	36.09	1.668	
8,357.4	7,165.4	9,994.0	7,153.0	43.3	56.4	3.58	1,107.3	742.6	18.4	-19.1	37.57	0.490	Level 1, CC, ES, SF
8,400.0	7,165.1	9,991.9	7,153.1	43.6	56.4	9.91	1,109.3	742.5	46.4	6.0	40.43	1.147	Level 2
8,500.0	7,164.6	9,987.2	7,153.4	44.6	56.3	23.70	1,114.0	742.1	143.6	94.0	49.63	2.894	
8,600.0	7,164.1	9,982.6	7,153.7	45.7	56.2	35.17	1,118.6	741.7	243.0	184.3	58.69	4.141	
8,700.0	7,163.5	9,978.2	7,153.9	46.9	56.2	44.18	1,123.0	741.4	342.7	276.7	66.06	5.188	
8,800.0	7,163.0	9,973.8	7,154.2	48.4	56.1	51.13	1,127.3	741.0	442.5	370.7	71.82	6.162	
8,900.0	7,162.5	9,969.5	7,154.5	49.9	56.0	56.49	1,131.6	740.7	542.3	465.9	76.41	7.098	
9,000.0	7,162.0	9,963.0	7,154.9	51.6	56.0	62.75	1,138.1	740.2	642.2	561.0	81.23	7.906	
9,100.0	7,161.4	9,961.2	7,155.0	53.5	55.9	64.18	1,139.9	740.1	742.1	658.4	83.63	8.874	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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
7,250.0	6,879.4	9,964.8	7,182.2	43.6	55.0	-27.39	1,045.7	1,041.1	763.8	703.5	60.31	12.666	
7,300.0	6,921.3	9,953.8	7,182.5	43.5	54.8	-24.66	1,056.7	1,040.6	724.0	666.9	57.15	12.668	
7,350.0	6,960.7	9,943.8	7,182.8	43.3	54.7	-22.54	1,066.7	1,040.2	682.8	629.1	53.68	12.720	
7,400.0	6,997.5	9,934.8	7,183.1	43.1	54.6	-20.85	1,075.7	1,039.8	640.1	590.2	49.94	12.819	
7,450.0	7,031.3	9,926.7	7,183.2	42.9	54.4	-19.48	1,083.8	1,039.4	596.2	550.2	46.01	12.957	
7,500.0	7,061.7	9,919.7	7,183.4	42.8	54.3	-18.36	1,090.8	1,039.1	551.1	509.1	42.02	13.113	
7,550.0	7,088.8	9,913.6	7,183.5	42.6	54.2	-17.45	1,096.9	1,038.9	504.9	466.7	38.16	13.232	
7,600.0	7,112.1	9,908.4	7,183.6	42.4	54.2	-16.75	1,102.1	1,038.7	457.7	423.0	34.76	13.168	
7,650.0	7,131.5	9,904.2	7,183.6	42.3	54.1	-16.30	1,106.3	1,038.5	409.7	377.3	32.41	12.641	
7,700.0	7,146.9	9,900.8	7,183.7	42.1	54.0	-16.27	1,109.6	1,038.4	361.0	329.4	31.58	11.430	
7,750.0	7,158.2	9,898.4	7,183.7	42.0	54.0	-17.31	1,112.1	1,038.3	311.6	279.2	32.38	9.624	
7,800.0	7,165.2	9,896.7	7,183.7	41.9	54.0	-24.18	1,113.7	1,038.2	261.8	224.6	37.27	7.026	
7,850.0	7,168.0	9,895.9	7,183.7	41.8	54.0	-166.58	1,114.5	1,038.2	211.8	173.8	38.00	5.575	
7,860.2	7,168.0	9,895.9	7,183.7	41.8	54.0	-174.51	1,114.6	1,038.2	201.7	167.6	34.02	5.927	
7,900.0	7,167.8	9,895.7	7,183.7	41.8	54.0	-175.50	1,114.8	1,038.2	161.9	128.0	33.90	4.776	
8,000.0	7,167.3	9,895.2	7,183.7	41.8	54.0	-177.94	1,115.3	1,038.2	62.5	28.7	33.80	1.849	
8,061.6	7,166.9	9,894.9	7,183.7	41.9	54.0	-179.40	1,115.5	1,038.2	10.8	-23.1	33.87	0.319	Level 1, CC, ES, SF
8,100.0	7,166.7	9,894.8	7,183.7	42.0	53.9	179.70	1,115.7	1,038.2	39.9	6.0	33.96	1.176	Level 2
8,200.0	7,166.2	9,894.3	7,183.7	42.4	53.9	177.42	1,116.1	1,038.2	138.9	104.5	34.36	4.041	
8,300.0	7,165.7	9,893.9	7,183.7	42.9	53.9	175.22	1,116.5	1,038.1	238.7	203.7	34.99	6.821	
8,400.0	7,165.1	9,893.5	7,183.7	43.6	53.9	173.10	1,117.0	1,038.1	338.6	302.8	35.83	9.450	
8,500.0	7,164.6	9,893.1	7,183.7	44.6	53.9	171.06	1,117.3	1,038.1	438.6	401.7	36.85	11.900	
8,600.0	7,164.1	9,892.7	7,183.8	45.7	53.9	169.11	1,117.7	1,038.1	538.5	500.5	38.04	14.155	
8,700.0	7,163.5	9,892.4	7,183.8	46.9	53.9	167.25	1,118.1	1,038.1	638.5	599.1	39.39	16.212	
8,800.0	7,163.0	9,892.0	7,183.8	48.4	53.9	165.46	1,118.4	1,038.1	738.5	697.6	40.86	18.072	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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
7,050.0	6,694.1	10,059.3	7,281.3	43.9	54.1	-62.54	1,016.5	1,295.6	777.5	713.1	64.40	12.073	
7,100.0	6,742.4	10,051.6	7,281.3	43.9	53.9	-51.92	1,024.2	1,295.0	735.4	673.4	62.02	11.856	
7,150.0	6,789.6	10,043.6	7,281.4	43.8	53.8	-46.25	1,032.1	1,294.3	691.9	632.8	59.16	11.695	
7,200.0	6,835.3	10,033.9	7,281.5	43.7	53.7	-43.27	1,041.8	1,293.6	647.2	591.2	56.04	11.549	
7,250.0	6,879.4	10,024.5	7,281.5	43.6	53.5	-42.45	1,051.2	1,292.8	601.3	548.7	52.67	11.417	
7,300.0	6,921.3	10,015.4	7,281.5	43.5	53.4	-43.65	1,060.2	1,292.1	554.4	505.0	49.38	11.228	
7,350.0	6,960.7	10,006.7	7,281.5	43.3	53.2	-47.43	1,068.9	1,291.3	506.6	459.8	46.77	10.831	
7,400.0	6,997.5	9,998.5	7,281.5	43.1	53.1	-55.49	1,077.1	1,290.7	458.0	412.1	45.93	9.971	
7,450.0	7,031.3	9,990.7	7,281.5	42.9	53.0	-72.02	1,084.8	1,290.0	408.8	358.8	50.04	8.170	
7,500.0	7,061.7	9,983.5	7,281.5	42.8	52.9	-102.70	1,092.1	1,289.4	359.4	294.3	65.07	5.522	
7,550.0	7,088.8	9,976.7	7,281.5	42.6	52.8	-136.82	1,098.8	1,288.9	309.9	241.4	68.47	4.526	
7,600.0	7,112.1	9,970.5	7,281.4	42.4	52.7	-157.46	1,105.0	1,288.4	261.0	203.4	57.61	4.531	
7,650.0	7,131.5	9,964.9	7,281.4	42.3	52.6	-168.17	1,110.6	1,287.9	213.6	166.6	46.99	4.545	
7,700.0	7,146.9	9,959.9	7,281.3	42.1	52.5	-174.17	1,115.6	1,287.5	169.5	130.4	39.07	4.338	
7,750.0	7,158.2	9,955.5	7,281.3	42.0	52.4	-177.83	1,120.0	1,287.1	132.6	98.7	33.83	3.919	
7,800.0	7,165.2	9,951.7	7,281.3	41.9	52.4	179.80	1,123.7	1,286.8	110.8	79.5	31.31	3.539	
7,819.9	7,166.8	9,950.4	7,281.2	41.9	52.3	179.10	1,125.1	1,286.7	108.7	77.7	30.99	3.506	CC, ES, SF
7,850.0	7,168.0	9,948.6	7,281.2	41.8	52.3	178.24	1,126.8	1,286.5	113.5	82.4	31.10	3.649	
7,860.2	7,168.0	9,948.0	7,281.2	41.8	52.3	177.99	1,127.4	1,286.5	117.2	85.9	31.27	3.747	
7,900.0	7,167.8	9,948.0	7,281.2	41.8	52.3	177.98	1,127.4	1,286.5	138.2	106.7	31.52	4.386	
8,000.0	7,167.3	9,941.3	7,281.1	41.8	52.2	174.40	1,134.1	1,285.9	215.8	183.7	32.05	6.734	
8,100.0	7,166.7	9,936.6	7,281.1	42.0	52.1	171.91	1,138.8	1,285.5	306.6	273.6	32.91	9.314	
8,200.0	7,166.2	9,931.9	7,281.1	42.4	52.1	169.49	1,143.4	1,285.2	401.7	367.7	34.00	11.815	
8,300.0	7,165.7	9,927.4	7,281.1	42.9	52.0	167.15	1,148.0	1,284.8	498.7	463.4	35.26	14.141	
8,400.0	7,165.1	9,922.9	7,281.1	43.6	51.9	164.89	1,152.4	1,284.4	596.6	559.9	36.69	16.260	
8,500.0	7,164.6	9,918.5	7,281.1	44.6	51.9	162.72	1,156.8	1,284.1	695.1	656.8	38.26	18.167	
8,600.0	7,164.1	9,914.2	7,281.1	45.7	51.8	160.63	1,161.1	1,283.7	793.9	754.0	39.96	19.868	

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 M-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 M-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
15,900.0	7,125.4	7,274.7	7,156.0	230.9	22.6	-88.99	358.8	-7,323.9	730.0	480.3	249.65	2.924	
16,000.0	7,124.9	7,275.4	7,156.7	233.7	22.6	-89.08	358.8	-7,323.9	658.9	406.5	252.43	2.610	
16,100.0	7,124.3	7,276.1	7,157.4	236.4	22.6	-89.16	358.8	-7,323.9	596.1	340.9	255.20	2.336	
16,200.0	7,123.8	7,276.9	7,158.1	239.2	22.6	-89.25	358.8	-7,323.9	544.6	286.6	257.98	2.111	
16,300.0	7,123.3	7,277.6	7,158.8	242.0	22.6	-89.33	358.8	-7,323.9	507.7	247.0	260.76	1.947	
16,349.4	7,123.0	7,277.9	7,159.2	243.3	22.6	-89.38	358.8	-7,323.9	496.0	233.9	262.13	1.892	CC, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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 7OD - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 116- **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
16,300.0	7,123.3	7,273.5	7,131.1	242.0	26.1	76.14	949.3	-7,932.5	744.1	482.7	261.39	2.847	
16,349.4	7,123.0	7,275.2	7,132.7	243.3	26.1	76.89	949.3	-7,932.5	695.5	432.0	263.44	2.640	CC, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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 7S (Vert.) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 7432- **Offset Well Error:** 0.0 ft

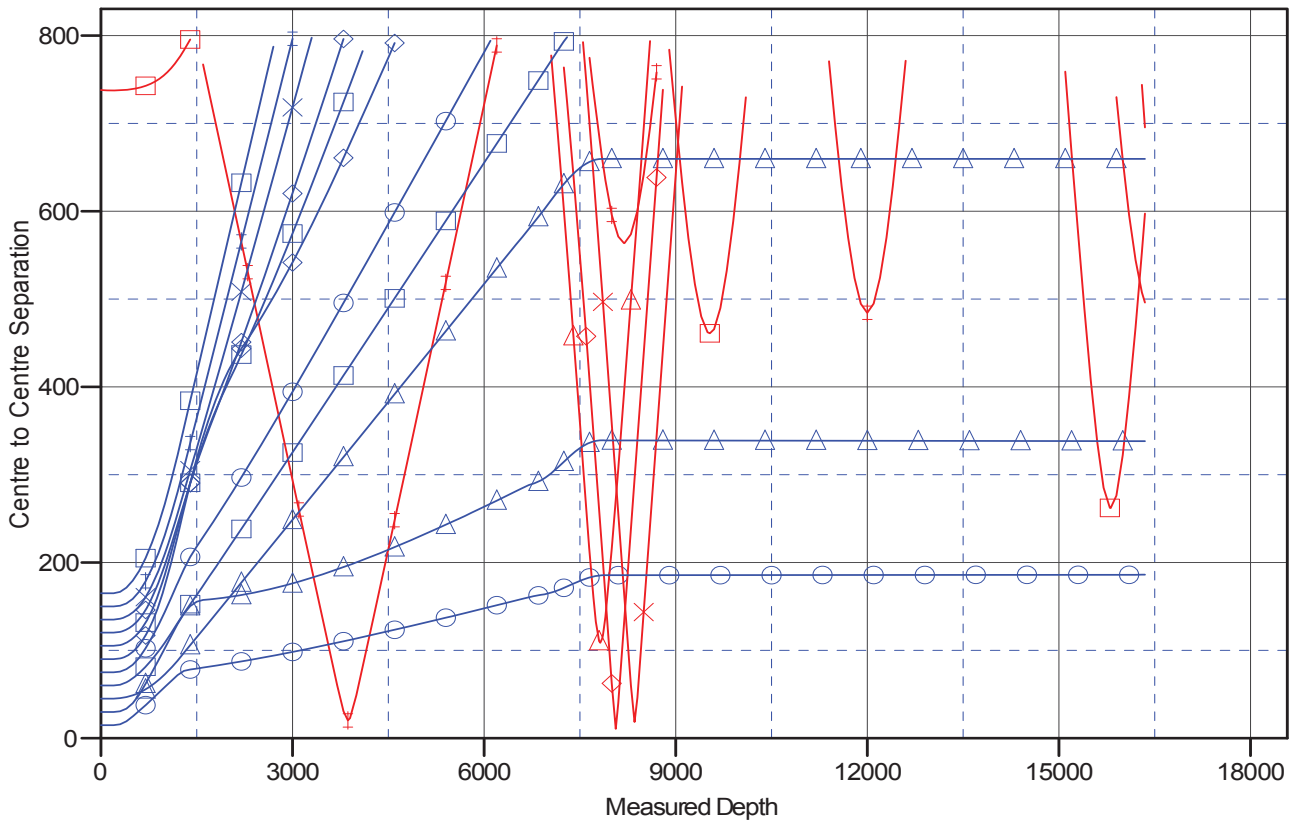
Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
15,100.0	7,129.6	7,171.6	7,171.6	208.8	143.4	90.83	1,127.7	-6,717.0	759.1	407.0	352.08	2.156	
15,200.0	7,129.1	7,171.1	7,171.1	211.6	143.4	90.71	1,127.7	-6,717.0	666.2	311.3	354.84	1.877	
15,300.0	7,128.6	7,170.6	7,170.6	214.3	143.4	90.59	1,127.7	-6,717.0	575.6	218.0	357.60	1.610	
15,400.0	7,128.0	7,170.0	7,170.0	217.1	143.4	90.48	1,127.7	-6,717.0	488.7	128.3	360.36	1.356	Level 3
15,500.0	7,127.5	7,169.5	7,169.5	219.8	143.4	90.36	1,127.7	-6,717.0	407.8	44.7	363.12	1.123	Level 2
15,600.0	7,127.0	7,169.0	7,169.0	222.6	143.4	90.25	1,127.7	-6,717.0	337.4	-28.5	365.89	0.922	Level 1
15,700.0	7,126.4	7,168.4	7,168.4	225.4	143.4	90.13	1,127.7	-6,717.0	285.2	-83.4	368.65	0.774	Level 1
15,800.0	7,125.9	7,167.9	7,167.9	228.1	143.4	90.01	1,127.7	-6,717.0	262.4	-109.0	371.41	0.706	Level 1
15,812.4	7,125.8	7,167.8	7,167.8	228.5	143.4	90.00	1,127.7	-6,717.0	262.1	-109.6	371.75	0.705	Level 1, CC, ES, SF
15,900.0	7,125.4	7,167.4	7,167.4	230.9	143.3	89.90	1,127.7	-6,717.0	276.3	-97.8	374.17	0.739	Level 1
16,000.0	7,124.9	7,166.9	7,166.9	233.7	143.3	89.78	1,127.7	-6,717.0	322.3	-54.6	376.92	0.855	Level 1
16,100.0	7,124.3	7,166.3	7,166.3	236.4	143.3	89.67	1,127.7	-6,717.0	389.1	9.4	379.68	1.025	Level 2
16,200.0	7,123.8	7,165.8	7,165.8	239.2	143.3	89.55	1,127.7	-6,717.0	467.9	85.4	382.44	1.223	Level 2
16,300.0	7,123.3	7,165.3	7,165.3	242.0	143.3	89.44	1,127.7	-6,717.0	553.5	168.3	385.20	1.437	Level 3
16,349.4	7,123.0	7,165.0	7,165.0	243.3	143.3	89.38	1,127.7	-6,717.0	597.5	210.9	386.56	1.546	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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 M-8-7HN
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.46°

Ladder Plot



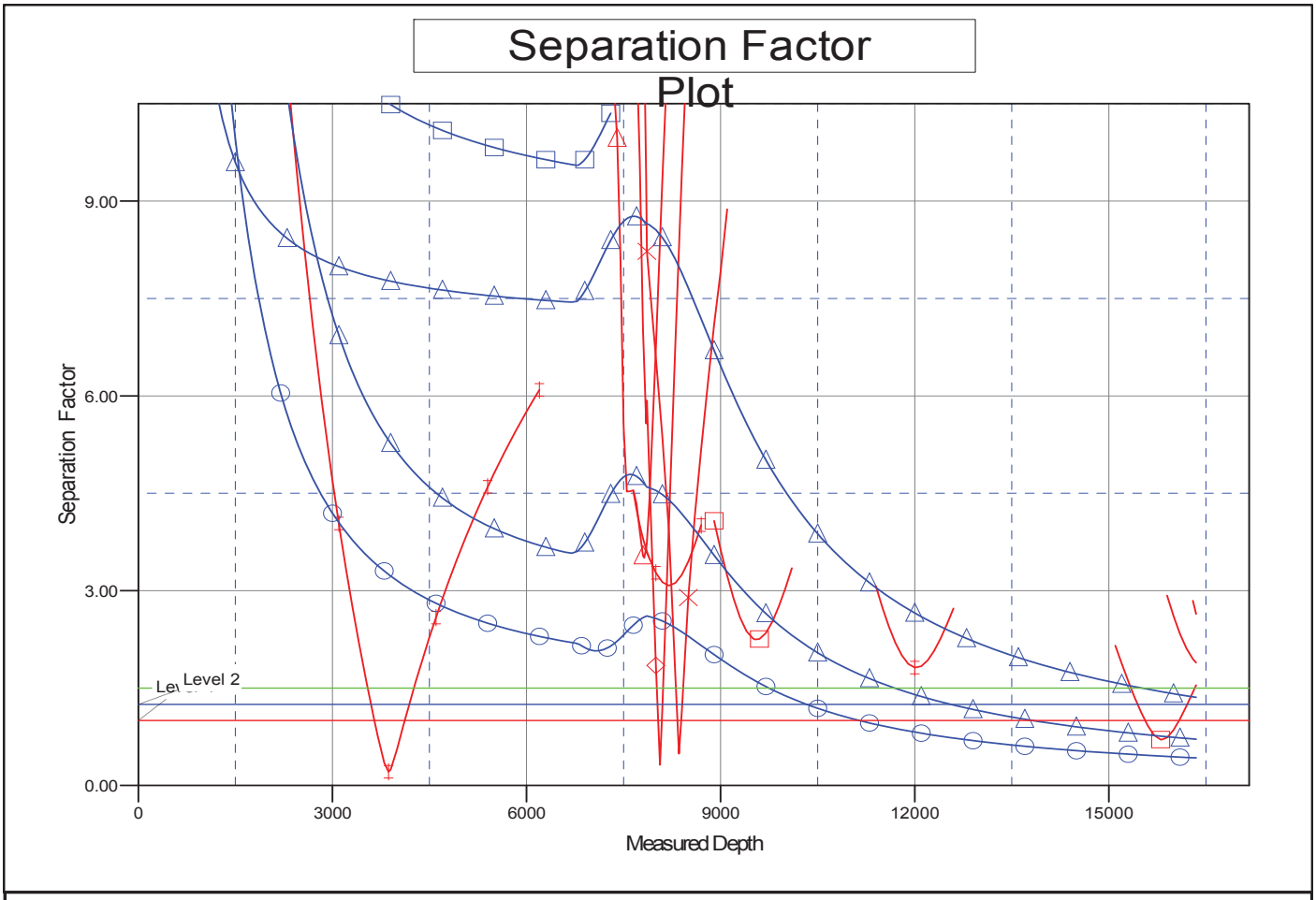
LEGEND

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
e B 6-66-9-0164BH, Wellbore #1, Wellbore #1 V0
Farms 8-31 (Exist), Wellbore #1, Wellbore #1 V0
ersen 2 (P&A), Wellbore #1, Wellbore #1 V0
aefer 33-7D, Wellbore #1, Wellbore #1 V0
Schaefer 7OD, Wellbore #1, Wellbore #1 V0
Schaefer 7S (Vert.), 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 (10-05-17) V0
Booth P-8-7HN, Wellbore #1, Plan #2 (10-05-17) V0
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-

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth M-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 M-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 M-8-7HN
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.46°



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
e B 6-66-9-0164BH, Wellbore #1, Wellbore #1 V0
Farms 8-31 (Exist), Wellbore #1, Wellbore #1 V0
ersen 2 (P&A), Wellbore #1, Wellbore #1 V0
aefer 33-7D, Wellbore #1, Wellbore #1 V0
Schaefer 7OD, Wellbore #1, Wellbore #1 V0
Schaefer 7S (Vert.), 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 (10-05-17) V0
Booth P-8-7HN, Wellbore #1, Plan #2 (10-05-17) V0
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-