Bayswater Exploration & Production, LLC

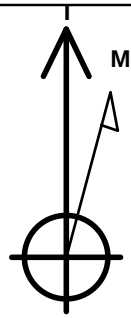
Well Name: **Booth P-8-7HN**
Surface Location: Booth 8-L Pad Sec.8-T6N-R66W
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4808.0

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

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

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1336'FSL, 249'FEL, SEC.8	1.0	0.0	0.0	Point
BHL 1814'FSL, 2170'FEL, SEC.7	7116.0	233.9	-7241.2	Point
LPL 1820'FSL, 602'FEL, SEC.8	7164.0	476.2	-356.7	Point



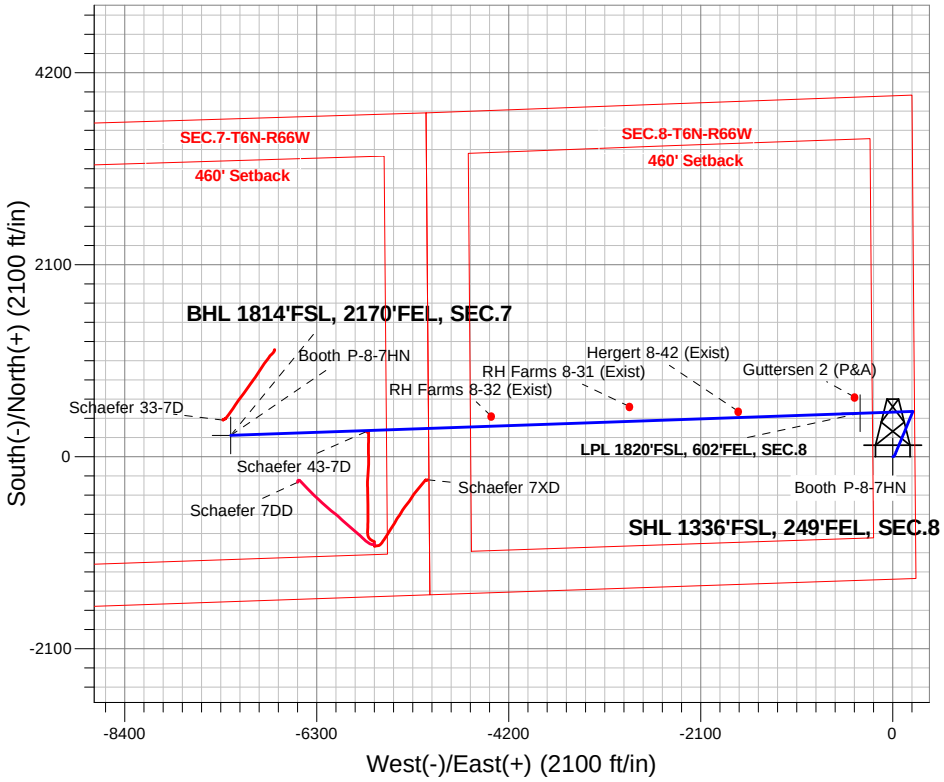
Azimuths to True North
Magnetic North: 8.09°

Magnetic Field
Strength: 52557.0snT
Dip Angle: 66.92°
Date: 5/16/2017
Model: IGRF2010

Booth 8-L Pad Sec.8-T6N-R66W
Booth P-8-7HN
Plan #1 (5-03-17)
6:32, May 16 2017

ANNOTATIONS

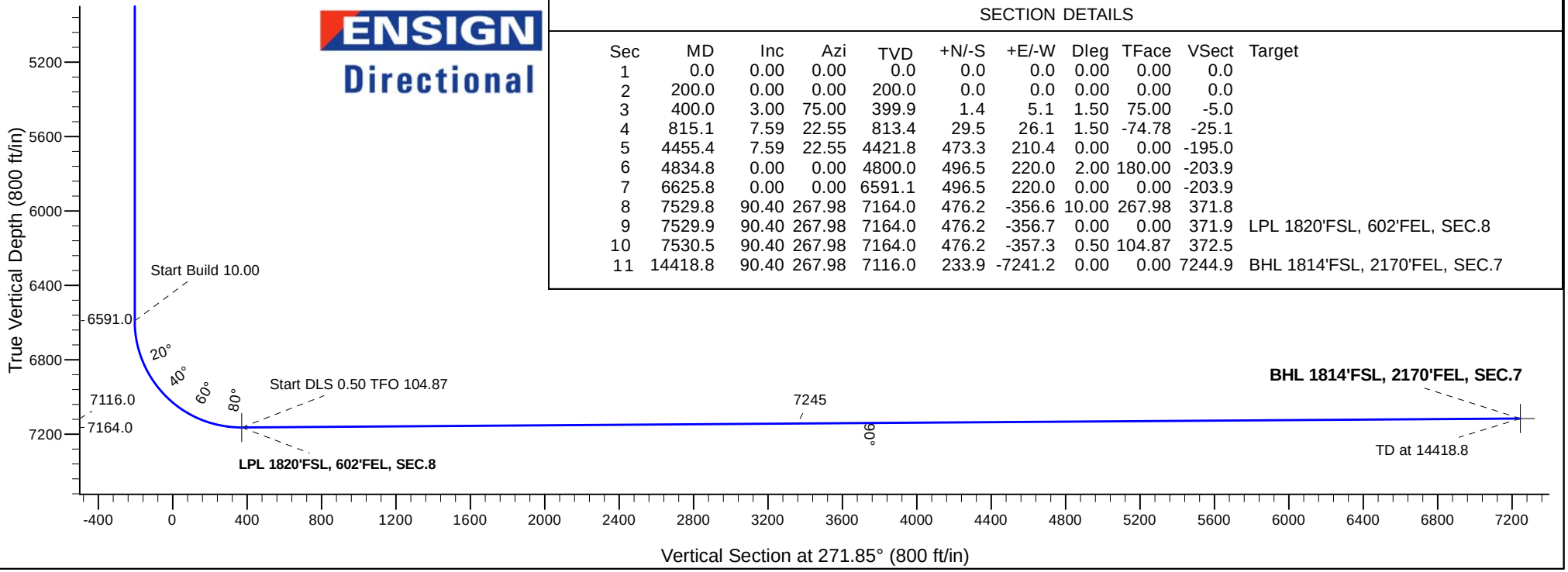
TVD	MD	Annotation
200.0	200.0	KOP - Start Build 1.50
813.4	815.1	Start 3640.3 hold at 815.1 MD
4421.8	4455.4	Start Drop -2.00
6591.1	6625.8	Start Build 10.00
7164.0	7529.9	Start DLS 0.50 TFO 104.87
7116.0	14418.8	TD at 14418.8



ENSIGN Directional

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	400.0	3.00	75.00	399.9	1.4	5.1	1.50	75.00	-5.0	
4	815.1	7.59	22.55	813.4	29.5	26.1	1.50	-74.78	-25.1	
5	4455.4	7.59	22.55	4421.8	473.3	210.4	0.00	0.00	-195.0	
6	4834.8	0.00	0.00	4800.0	496.5	220.0	2.00	180.00	-203.9	
7	6625.8	0.00	0.00	6591.1	496.5	220.0	0.00	0.00	-203.9	
8	7529.8	90.40	267.98	7164.0	476.2	-356.6	10.00	267.98	371.8	
9	7529.9	90.40	267.98	7164.0	476.2	-356.7	0.00	0.00	371.9	LPL 1820'FSL, 602'FEL, SEC.8
10	7530.5	90.40	267.98	7164.0	476.2	-357.3	0.50	104.87	372.5	
11	14418.8	90.40	267.98	7116.0	233.9	-7241.2	0.00	0.00	7244.9	BHL 1814'FSL, 2170'FEL, SEC.7



ENSIGN Directional

Bayswater Exploration & Production, LLC

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

Wellbore #1

Plan: Plan #1 (5-03-17)

Standard Planning Report

16 May, 2017

BAYSWATER EXPLORATION & PRODUCTION, LLC

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Company:	Bayswater Exploration & Production, LLC	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Project:	SEC.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-03-17)		

Project SEC.8-T6N-R66W, Weld County, Colorado

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site Booth 8-L Pad Sec.8-T6N-R66W

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

Well Booth P-8-7HN

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

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/16/2017	8.09	66.92	52,557

Design Plan #1 (5-03-17)

Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	271.85

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
400.0	3.00	75.00	399.9	1.4	5.1	1.50	1.50	0.00	75.00	
815.1	7.59	22.55	813.4	29.5	26.1	1.50	1.10	-12.63	-74.78	
4,455.4	7.59	22.55	4,421.8	473.3	210.4	0.00	0.00	0.00	0.00	
4,834.8	0.00	0.00	4,800.0	496.5	220.0	2.00	-2.00	0.00	180.00	
6,625.8	0.00	0.00	6,591.1	496.5	220.0	0.00	0.00	0.00	0.00	
7,529.8	90.40	267.98	7,164.0	476.2	-356.6	10.00	10.00	0.00	267.98	
7,529.9	90.40	267.98	7,164.0	476.2	-356.7	0.00	0.00	0.00	0.00	LPL 1820'FSL, 602'FE
7,530.5	90.40	267.98	7,164.0	476.2	-357.3	0.50	-0.13	0.48	104.87	
14,418.8	90.40	267.98	7,116.0	233.9	-7,241.2	0.00	0.00	0.00	0.00	BHL 1814'FSL, 2170'E

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Company:	Bayswater Exploration & Production, LLC	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Project:	SEC.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-03-17)		

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
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 1.50									
300.0	1.50	75.00	300.0	0.3	1.3	-1.3	1.50	1.50	0.00
400.0	3.00	75.00	399.9	1.4	5.1	-5.0	1.50	1.50	0.00
500.0	3.69	51.89	499.7	4.0	10.1	-10.0	1.50	0.69	-23.11
600.0	4.77	37.57	599.5	9.3	15.2	-14.9	1.50	1.08	-14.32
700.0	6.03	28.86	699.0	17.2	20.2	-19.7	1.50	1.26	-8.72
800.0	7.38	23.23	798.3	27.7	25.3	-24.4	1.50	1.35	-5.63
815.1	7.59	22.55	813.3	29.5	26.1	-25.1	1.50	1.38	-4.47
Start 3640.3 hold at 815.1 MD									
900.0	7.59	22.55	897.5	39.8	30.4	-29.1	0.00	0.00	0.00
1,000.0	7.59	22.55	996.6	52.0	35.4	-33.7	0.00	0.00	0.00
1,100.0	7.59	22.55	1,095.7	64.2	40.5	-38.4	0.00	0.00	0.00
1,200.0	7.59	22.55	1,194.8	76.4	45.6	-43.1	0.00	0.00	0.00
1,300.0	7.59	22.55	1,294.0	88.6	50.6	-47.7	0.00	0.00	0.00
1,400.0	7.59	22.55	1,393.1	100.8	55.7	-52.4	0.00	0.00	0.00
1,500.0	7.59	22.55	1,492.2	113.0	60.8	-57.1	0.00	0.00	0.00
1,600.0	7.59	22.55	1,591.3	125.2	65.8	-61.7	0.00	0.00	0.00
1,700.0	7.59	22.55	1,690.5	137.4	70.9	-66.4	0.00	0.00	0.00
1,800.0	7.59	22.55	1,789.6	149.6	75.9	-71.1	0.00	0.00	0.00
1,900.0	7.59	22.55	1,888.7	161.8	81.0	-75.7	0.00	0.00	0.00
2,000.0	7.59	22.55	1,987.8	174.0	86.1	-80.4	0.00	0.00	0.00
2,100.0	7.59	22.55	2,087.0	186.2	91.1	-85.1	0.00	0.00	0.00
2,200.0	7.59	22.55	2,186.1	198.3	96.2	-89.7	0.00	0.00	0.00
2,300.0	7.59	22.55	2,285.2	210.5	101.3	-94.4	0.00	0.00	0.00
2,400.0	7.59	22.55	2,384.3	222.7	106.3	-99.1	0.00	0.00	0.00
2,500.0	7.59	22.55	2,483.5	234.9	111.4	-103.7	0.00	0.00	0.00
2,600.0	7.59	22.55	2,582.6	247.1	116.4	-108.4	0.00	0.00	0.00
2,700.0	7.59	22.55	2,681.7	259.3	121.5	-113.1	0.00	0.00	0.00
2,800.0	7.59	22.55	2,780.8	271.5	126.6	-117.7	0.00	0.00	0.00
2,900.0	7.59	22.55	2,880.0	283.7	131.6	-122.4	0.00	0.00	0.00
3,000.0	7.59	22.55	2,979.1	295.9	136.7	-127.1	0.00	0.00	0.00
3,100.0	7.59	22.55	3,078.2	308.1	141.8	-131.7	0.00	0.00	0.00
3,200.0	7.59	22.55	3,177.3	320.3	146.8	-136.4	0.00	0.00	0.00
3,300.0	7.59	22.55	3,276.5	332.5	151.9	-141.1	0.00	0.00	0.00
3,400.0	7.59	22.55	3,375.6	344.7	156.9	-145.7	0.00	0.00	0.00
3,500.0	7.59	22.55	3,474.7	356.9	162.0	-150.4	0.00	0.00	0.00
3,600.0	7.59	22.55	3,573.8	369.0	167.1	-155.1	0.00	0.00	0.00
3,700.0	7.59	22.55	3,673.0	381.2	172.1	-159.7	0.00	0.00	0.00
3,800.0	7.59	22.55	3,772.1	393.4	177.2	-164.4	0.00	0.00	0.00
3,900.0	7.59	22.55	3,871.2	405.6	182.3	-169.1	0.00	0.00	0.00
4,000.0	7.59	22.55	3,970.3	417.8	187.3	-173.7	0.00	0.00	0.00
4,100.0	7.59	22.55	4,069.5	430.0	192.4	-178.4	0.00	0.00	0.00
4,200.0	7.59	22.55	4,168.6	442.2	197.5	-183.1	0.00	0.00	0.00
4,300.0	7.59	22.55	4,267.7	454.4	202.5	-187.7	0.00	0.00	0.00
4,400.0	7.59	22.55	4,366.8	466.6	207.6	-192.4	0.00	0.00	0.00
4,455.4	7.59	22.55	4,421.8	473.3	210.4	-195.0	0.00	0.00	0.00
Start Drop -2.00									
4,500.0	6.70	22.55	4,466.0	478.5	212.5	-197.0	2.00	-2.00	0.00
4,600.0	4.70	22.55	4,565.5	487.6	216.3	-200.5	2.00	-2.00	0.00
4,700.0	2.70	22.55	4,665.3	493.6	218.8	-202.7	2.00	-2.00	0.00

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Company:	Bayswater Exploration & Production, LLC	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Project:	SEC.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-03-17)		

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	0.70	22.55	4,765.2	496.3	219.9	-203.8	2.00	-2.00	0.00
4,834.8	0.00	0.00	4,800.0	496.5	220.0	-203.9	2.00	-2.00	0.00
4,900.0	0.00	0.00	4,865.2	496.5	220.0	-203.9	0.00	0.00	0.00
5,000.0	0.00	0.00	4,965.2	496.5	220.0	-203.9	0.00	0.00	0.00
5,100.0	0.00	0.00	5,065.2	496.5	220.0	-203.9	0.00	0.00	0.00
5,200.0	0.00	0.00	5,165.2	496.5	220.0	-203.9	0.00	0.00	0.00
5,300.0	0.00	0.00	5,265.2	496.5	220.0	-203.9	0.00	0.00	0.00
5,400.0	0.00	0.00	5,365.2	496.5	220.0	-203.9	0.00	0.00	0.00
5,500.0	0.00	0.00	5,465.2	496.5	220.0	-203.9	0.00	0.00	0.00
5,600.0	0.00	0.00	5,565.2	496.5	220.0	-203.9	0.00	0.00	0.00
5,700.0	0.00	0.00	5,665.2	496.5	220.0	-203.9	0.00	0.00	0.00
5,800.0	0.00	0.00	5,765.2	496.5	220.0	-203.9	0.00	0.00	0.00
5,900.0	0.00	0.00	5,865.2	496.5	220.0	-203.9	0.00	0.00	0.00
6,000.0	0.00	0.00	5,965.2	496.5	220.0	-203.9	0.00	0.00	0.00
6,100.0	0.00	0.00	6,065.2	496.5	220.0	-203.9	0.00	0.00	0.00
6,200.0	0.00	0.00	6,165.2	496.5	220.0	-203.9	0.00	0.00	0.00
6,300.0	0.00	0.00	6,265.2	496.5	220.0	-203.9	0.00	0.00	0.00
6,400.0	0.00	0.00	6,365.2	496.5	220.0	-203.9	0.00	0.00	0.00
6,500.0	0.00	0.00	6,465.2	496.5	220.0	-203.9	0.00	0.00	0.00
6,600.0	0.00	0.00	6,565.2	496.5	220.0	-203.9	0.00	0.00	0.00
6,625.8	0.00	0.00	6,591.0	496.5	220.0	-203.9	0.00	0.00	0.00
Start Build 10.00									
6,700.0	7.42	267.98	6,665.0	496.3	215.2	-199.1	10.00	10.00	0.00
6,800.0	17.42	267.98	6,762.6	495.6	193.7	-177.6	10.00	10.00	0.00
6,900.0	27.42	267.98	6,854.9	494.2	155.7	-139.6	10.00	10.00	0.00
7,000.0	37.42	267.98	6,939.2	492.3	102.2	-86.2	10.00	10.00	0.00
7,100.0	47.42	267.98	7,012.9	490.0	34.8	-19.0	10.00	10.00	0.00
7,200.0	57.42	267.98	7,073.8	487.2	-44.3	60.0	10.00	10.00	0.00
7,300.0	67.42	267.98	7,120.1	484.1	-132.7	148.3	10.00	10.00	0.00
7,400.0	77.42	267.98	7,150.3	480.7	-227.9	243.3	10.00	10.00	0.00
7,500.0	87.42	267.98	7,163.4	477.2	-326.8	342.1	10.00	10.00	0.00
7,529.8	90.40	267.98	7,164.0	476.2	-356.6	371.8	10.00	10.00	0.00
7,529.9	90.40	267.98	7,164.0	476.2	-356.7	371.9	0.00	0.00	0.00
Start DLS 0.50 TFO 104.87									
7,530.5	90.40	267.98	7,164.0	476.2	-357.3	372.5	0.49	-0.13	0.47
7,600.0	90.40	267.98	7,163.5	473.7	-426.7	441.8	0.00	0.00	0.00
7,700.0	90.40	267.98	7,162.8	470.2	-526.7	541.6	0.00	0.00	0.00
7,800.0	90.40	267.98	7,162.1	466.7	-626.6	641.4	0.00	0.00	0.00
7,900.0	90.40	267.98	7,161.4	463.2	-726.5	741.1	0.00	0.00	0.00
8,000.0	90.40	267.98	7,160.7	459.6	-826.5	840.9	0.00	0.00	0.00
8,100.0	90.40	267.98	7,160.0	456.1	-926.4	940.7	0.00	0.00	0.00
8,200.0	90.40	267.98	7,159.3	452.6	-1,026.4	1,040.4	0.00	0.00	0.00
8,300.0	90.40	267.98	7,158.6	449.1	-1,126.3	1,140.2	0.00	0.00	0.00
8,400.0	90.40	267.98	7,157.9	445.6	-1,226.2	1,240.0	0.00	0.00	0.00
8,500.0	90.40	267.98	7,157.2	442.1	-1,326.2	1,339.7	0.00	0.00	0.00
8,600.0	90.40	267.98	7,156.5	438.5	-1,426.1	1,439.5	0.00	0.00	0.00
8,700.0	90.40	267.98	7,155.8	435.0	-1,526.0	1,539.3	0.00	0.00	0.00
8,800.0	90.40	267.98	7,155.2	431.5	-1,626.0	1,639.1	0.00	0.00	0.00
8,900.0	90.40	267.98	7,154.5	428.0	-1,725.9	1,738.8	0.00	0.00	0.00
9,000.0	90.40	267.98	7,153.8	424.5	-1,825.8	1,838.6	0.00	0.00	0.00
9,100.0	90.40	267.98	7,153.1	420.9	-1,925.8	1,938.4	0.00	0.00	0.00
9,200.0	90.40	267.98	7,152.4	417.4	-2,025.7	2,038.1	0.00	0.00	0.00
9,300.0	90.40	267.98	7,151.7	413.9	-2,125.6	2,137.9	0.00	0.00	0.00
9,400.0	90.40	267.98	7,151.0	410.4	-2,225.6	2,237.7	0.00	0.00	0.00

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Company:	Bayswater Exploration & Production, LLC	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Project:	SEC.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-03-17)		

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)
9,500.0	90.40	267.98	7,150.3	406.9	-2,325.5	2,337.4	0.00	0.00	0.00
9,600.0	90.40	267.98	7,149.6	403.4	-2,425.5	2,437.2	0.00	0.00	0.00
9,700.0	90.40	267.98	7,148.9	399.8	-2,525.4	2,537.0	0.00	0.00	0.00
9,800.0	90.40	267.98	7,148.2	396.3	-2,625.3	2,636.8	0.00	0.00	0.00
9,900.0	90.40	267.98	7,147.5	392.8	-2,725.3	2,736.5	0.00	0.00	0.00
10,000.0	90.40	267.98	7,146.8	389.3	-2,825.2	2,836.3	0.00	0.00	0.00
10,100.0	90.40	267.98	7,146.1	385.8	-2,925.1	2,936.1	0.00	0.00	0.00
10,200.0	90.40	267.98	7,145.4	382.3	-3,025.1	3,035.8	0.00	0.00	0.00
10,300.0	90.40	267.98	7,144.7	378.7	-3,125.0	3,135.6	0.00	0.00	0.00
10,400.0	90.40	267.98	7,144.0	375.2	-3,224.9	3,235.4	0.00	0.00	0.00
10,500.0	90.40	267.98	7,143.3	371.7	-3,324.9	3,335.1	0.00	0.00	0.00
10,600.0	90.40	267.98	7,142.6	368.2	-3,424.8	3,434.9	0.00	0.00	0.00
10,700.0	90.40	267.98	7,141.9	364.7	-3,524.7	3,534.7	0.00	0.00	0.00
10,800.0	90.40	267.98	7,141.2	361.2	-3,624.7	3,634.5	0.00	0.00	0.00
10,900.0	90.40	267.98	7,140.5	357.6	-3,724.6	3,734.2	0.00	0.00	0.00
11,000.0	90.40	267.98	7,139.8	354.1	-3,824.6	3,834.0	0.00	0.00	0.00
11,100.0	90.40	267.98	7,139.1	350.6	-3,924.5	3,933.8	0.00	0.00	0.00
11,200.0	90.40	267.98	7,138.4	347.1	-4,024.4	4,033.5	0.00	0.00	0.00
11,300.0	90.40	267.98	7,137.7	343.6	-4,124.4	4,133.3	0.00	0.00	0.00
11,400.0	90.40	267.98	7,137.0	340.1	-4,224.3	4,233.1	0.00	0.00	0.00
11,500.0	90.40	267.98	7,136.3	336.5	-4,324.2	4,332.8	0.00	0.00	0.00
11,600.0	90.40	267.98	7,135.6	333.0	-4,424.2	4,432.6	0.00	0.00	0.00
11,700.0	90.40	267.98	7,134.9	329.5	-4,524.1	4,532.4	0.00	0.00	0.00
11,800.0	90.40	267.98	7,134.2	326.0	-4,624.0	4,632.2	0.00	0.00	0.00
11,900.0	90.40	267.98	7,133.6	322.5	-4,724.0	4,731.9	0.00	0.00	0.00
12,000.0	90.40	267.98	7,132.9	318.9	-4,823.9	4,831.7	0.00	0.00	0.00
12,100.0	90.40	267.98	7,132.2	315.4	-4,923.8	4,931.5	0.00	0.00	0.00
12,200.0	90.40	267.98	7,131.5	311.9	-5,023.8	5,031.2	0.00	0.00	0.00
12,300.0	90.40	267.98	7,130.8	308.4	-5,123.7	5,131.0	0.00	0.00	0.00
12,400.0	90.40	267.98	7,130.1	304.9	-5,223.7	5,230.8	0.00	0.00	0.00
12,500.0	90.40	267.98	7,129.4	301.4	-5,323.6	5,330.5	0.00	0.00	0.00
12,600.0	90.40	267.98	7,128.7	297.8	-5,423.5	5,430.3	0.00	0.00	0.00
12,700.0	90.40	267.98	7,128.0	294.3	-5,523.5	5,530.1	0.00	0.00	0.00
12,800.0	90.40	267.98	7,127.3	290.8	-5,623.4	5,629.9	0.00	0.00	0.00
12,900.0	90.40	267.98	7,126.6	287.3	-5,723.3	5,729.6	0.00	0.00	0.00
13,000.0	90.40	267.98	7,125.9	283.8	-5,823.3	5,829.4	0.00	0.00	0.00
13,100.0	90.40	267.98	7,125.2	280.3	-5,923.2	5,929.2	0.00	0.00	0.00
13,200.0	90.40	267.98	7,124.5	276.7	-6,023.1	6,028.9	0.00	0.00	0.00
13,300.0	90.40	267.98	7,123.8	273.2	-6,123.1	6,128.7	0.00	0.00	0.00
13,400.0	90.40	267.98	7,123.1	269.7	-6,223.0	6,228.5	0.00	0.00	0.00
13,500.0	90.40	267.98	7,122.4	266.2	-6,322.9	6,328.2	0.00	0.00	0.00
13,600.0	90.40	267.98	7,121.7	262.7	-6,422.9	6,428.0	0.00	0.00	0.00
13,700.0	90.40	267.98	7,121.0	259.2	-6,522.8	6,527.8	0.00	0.00	0.00
13,800.0	90.40	267.98	7,120.3	255.6	-6,622.8	6,627.6	0.00	0.00	0.00
13,900.0	90.40	267.98	7,119.6	252.1	-6,722.7	6,727.3	0.00	0.00	0.00
14,000.0	90.40	267.98	7,118.9	248.6	-6,822.6	6,827.1	0.00	0.00	0.00
14,100.0	90.40	267.98	7,118.2	245.1	-6,922.6	6,926.9	0.00	0.00	0.00
14,200.0	90.40	267.98	7,117.5	241.6	-7,022.5	7,026.6	0.00	0.00	0.00
14,300.0	90.40	267.98	7,116.8	238.0	-7,122.4	7,126.4	0.00	0.00	0.00
14,400.0	90.40	267.98	7,116.1	234.5	-7,222.4	7,226.2	0.00	0.00	0.00
14,418.8	90.40	267.98	7,116.0	233.9	-7,241.2	7,244.9	0.00	0.00	0.00
TD at 14418.8									

Database:	US_EDM	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Company:	Bayswater Exploration & Production, LLC	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Project:	SEC.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site:	Booth 8-L Pad Sec.8-T6N-R66W	**North Reference:**	True
Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-03-17)		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL 1336'FSL, 249'FEL - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,425,428.19	3,196,521.37	40.499052	-104.793344
BHL 1814'FSL, 2170'FE - plan hits target center - Point	0.00	0.00	7,116.0	233.9	-7,241.2	1,425,604.33	3,189,278.83	40.499691	-104.819381
LPL 1820'FSL, 602'FEL, - plan hits target center - Point	0.00	0.00	7,164.0	476.2	-356.7	1,425,901.48	3,196,160.90	40.500359	-104.794627

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 1.50
815.1	813.4	1.4	5.1	Start 3640.3 hold at 815.1 MD
4,455.4	4,421.8	29.5	26.1	Start Drop -2.00
6,625.8	6,591.1	473.3	210.4	Start Build 10.00
7,529.9	7,164.0	496.5	220.0	Start DLS 0.50 TFO 104.87
14,418.8	7,116.0	496.5	220.0	TD at 14418.8

ENSIGN Directional

Bayswater Exploration & Production, LLC

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

Wellbore #1
Plan #1 (5-03-17)

Anticollision Report

16 May, 2017

BAYSWATER EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Reference	Plan #1 (5-03-17)		
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** 5/16/2017

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	14,418.8	Plan #1 (5-03-17) (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 A-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	200.0	200.0	225.2	224.5	333.950	CC, ES
Booth A-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,600.0	1,458.6	413.2	405.6	54.057	SF
Booth B-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	323.3	321.7	209.9	208.6	172.390	CC, ES
Booth B-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	1,500.0	1,400.0	331.8	324.7	47.001	SF
Booth C-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	551.5	541.8	192.9	190.6	85.842	CC
Booth C-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	600.0	587.2	193.0	190.5	78.199	ES
Booth C-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,500.0	1,418.3	282.3	275.3	40.178	SF
Booth D-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	850.2	830.1	168.8	165.1	46.175	CC, ES
Booth D-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,400.0	1,345.0	217.1	210.6	33.519	SF
Booth E-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	940.0	922.5	143.3	139.2	34.926	CC, ES
Booth E-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	1,400.0	1,358.7	176.8	170.3	27.266	SF
Booth F-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,026.4	1,011.6	118.5	114.0	26.063	CC, ES
Booth F-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,400.0	1,370.1	140.2	133.7	21.524	SF
Booth G-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,107.3	1,095.1	95.2	90.2	19.071	CC, ES
Booth G-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,400.0	1,379.2	107.7	101.1	16.408	SF
Booth H-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	1,172.3	1,162.8	74.4	69.0	13.837	CC
Booth H-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	1,200.0	1,189.9	74.5	69.0	13.484	ES
Booth H-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	1,500.0	1,483.9	87.9	80.7	12.214	SF
Booth I-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,195.6	1,188.7	58.2	52.7	10.501	CC
Booth I-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,200.0	1,193.0	58.2	52.6	10.456	ES
Booth I-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,500.0	1,490.0	66.9	59.6	9.222	SF
Booth J-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,148.7	1,143.8	48.7	43.4	9.198	CC, ES
Booth J-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	1,800.0	1,792.9	70.1	61.1	7.737	SF
Booth K-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	1,054.8	1,050.9	42.6	37.8	8.896	CC, ES
Booth K-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	2,100.0	2,097.1	76.2	65.2	6.898	SF
Booth L-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	951.1	948.1	36.6	32.4	8.641	CC, ES
Booth L-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	2,400.0	2,402.0	79.8	66.7	6.099	SF
Booth M-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	846.6	844.6	30.9	27.2	8.373	CC, ES
Booth M-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	14,418.8	14,497.3	659.8	249.1	1.606	SF
Booth N-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	717.6	716.6	24.5	21.5	8.065	CC, ES
Booth N-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	14,418.8	14,555.8	504.0	100.5	1.249	Level 2, SF
Booth O-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	367.9	367.9	14.9	13.4	10.469	CC
Booth O-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	14,418.8	14,370.9	337.2	-66.3	0.836	Level 1, ES, SF
Booth Q-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	200.0	200.0	14.9	14.3	22.156	CC
Booth Q-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	14,418.8	14,488.8	186.5	-181.6	0.507	Level 1, ES, SF
Booth R-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	200.0	200.0	29.9	29.2	44.312	CC
Booth R-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	14,418.8	14,308.5	338.1	-62.8	0.843	Level 1, ES, SF

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**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
Booth 8-L Pad Sec.8-T6N-R66W						
Booth S-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	200.0	200.0	44.8	44.1	66.468	CC
Booth S-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	300.0	300.0	45.2	44.0	40.429	ES
Booth S-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	14,418.8	14,377.5	660.0	250.1	1.610	SF
Booth T-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	200.0	200.0	60.1	59.4	89.164	CC
Booth T-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	300.0	300.0	60.5	59.3	54.130	ES
Booth T-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	800.0	798.3	91.1	87.6	26.548	SF
Booth U-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	200.0	200.0	75.1	74.4	111.319	CC
Booth U-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	300.0	300.0	75.4	74.3	67.506	ES
Booth U-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	815.1	813.1	107.4	103.9	30.701	SF
Booth V-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	200.0	200.0	90.0	89.3	133.475	CC
Booth V-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	300.0	300.0	90.3	89.2	80.883	ES
Booth V-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	800.0	792.9	124.4	121.0	36.859	SF
Booth W-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	200.0	200.0	104.9	104.3	155.618	CC
Booth W-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	300.0	300.0	105.3	104.1	94.254	ES
Booth W-8-7HC - Wellbore #1 - Plan #1 (5-03-17)	800.0	784.7	153.2	149.8	45.634	SF
Booth X-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	200.0	200.0	119.9	119.2	177.780	CC, ES
Booth X-8-7HN - Wellbore #1 - Plan #1 (5-03-17)	815.1	786.9	195.9	192.4	56.218	SF
Existing Wells Sec.8-T6N-R66W						
Guttersen 2 (P&A) - Wellbore #1 - Wellbore #1	7,586.6	7,142.6	178.4	14.4	1.088	Level 2, CC, ES, SF
Hergert 8-42 (Exist) - Wellbore #1 - Wellbore #1	8,862.8	7,145.7	68.8	-125.8	0.354	Level 1, CC, ES, SF
RH Farms 8-31 (Exist) - Wellbore #1 - Wellbore #1	10,052.0	7,131.4	162.2	-64.4	0.716	Level 1, CC, ES, SF
RH Farms 8-32 (Exist) - Wellbore #1 - Wellbore #1	11,566.3	7,138.9	110.4	-158.3	0.411	Level 1, CC, ES, SF
Schaefer 42-7D Pad Sec.7-T6N-R66W						
Schaefer 33-7D - Wellbore #1 - Wellbore #1	14,418.8	7,277.4	189.5	-34.8	0.845	Level 1, CC, ES, SF
Schaefer 43-7D Pad Sec.7-T6N-R66W						
Schaefer 43-7D - Wellbore #1 - Wellbore #1	12,933.4	7,290.9	11.5	-169.5	0.063	Level 1, CC, ES, SF
Schaefer 7DD - Wellbore #1 - Wellbore #1	13,705.4	7,263.0	534.2	327.2	2.581	CC, ES, SF
Schaefer 7XD - Wellbore #1 - Wellbore #1	12,293.1	7,246.6	566.9	402.4	3.447	CC
Schaefer 7XD - Wellbore #1 - Wellbore #1	12,300.0	7,246.3	566.9	402.3	3.443	ES, SF

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth A-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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	-0.92	225.2	-3.6	225.2				
100.0	100.0	100.0	100.0	0.1	0.1	-0.92	225.2	-3.6	225.2	225.0	0.22	1,001.850	
200.0	200.0	200.0	200.0	0.3	0.3	-0.92	225.2	-3.6	225.2	224.5	0.67	333.950	CC, ES
300.0	300.0	292.7	292.7	0.6	0.5	-76.17	226.6	-3.5	226.5	225.4	1.10	205.506	
400.0	399.9	385.2	385.1	0.8	0.8	-76.90	231.1	-3.3	230.4	228.9	1.54	149.639	
500.0	499.7	477.5	477.1	1.0	1.0	-54.81	238.6	-2.8	236.0	234.0	1.99	118.570	
600.0	599.5	569.6	568.6	1.3	1.2	-41.41	248.9	-2.2	242.2	239.8	2.45	98.826	
700.0	699.0	661.5	659.5	1.5	1.5	-33.52	262.2	-1.4	249.1	246.2	2.92	85.225	
800.0	798.3	753.2	749.7	1.8	1.8	-28.61	278.3	-0.4	256.6	253.2	3.41	75.311	
815.1	813.4	767.0	763.3	1.8	1.9	-28.04	281.0	-0.3	257.8	254.3	3.48	74.045	
900.0	897.5	844.5	839.1	2.1	2.2	-28.52	297.2	0.7	265.6	261.7	3.90	68.078	
1,000.0	996.6	935.3	927.2	2.4	2.6	-28.96	318.8	2.0	277.7	273.3	4.41	62.983	
1,100.0	1,095.7	1,025.3	1,013.9	2.7	3.1	-29.26	343.0	3.4	292.9	287.9	4.93	59.427	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth A-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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
1,200.0	1,194.8	1,114.4	1,098.9	3.0	3.6	-29.43	369.6	5.0	311.1	305.6	5.46	57.002	
1,300.0	1,294.0	1,200.0	1,179.8	3.3	4.1	-29.49	397.6	6.7	332.3	326.3	5.99	55.508	
1,400.0	1,393.1	1,289.2	1,263.1	3.6	4.7	-29.46	429.4	8.6	356.4	349.9	6.54	54.509	
1,500.0	1,492.2	1,374.6	1,342.0	4.0	5.3	-29.36	462.2	10.6	383.4	376.3	7.09	54.082	
1,600.0	1,591.3	1,458.6	1,418.5	4.3	5.9	-29.21	496.7	12.6	413.2	405.6	7.64	54.057	SF
1,700.0	1,690.5	1,541.0	1,492.6	4.6	6.6	-29.02	532.8	14.8	445.7	437.5	8.20	54.358	
1,800.0	1,789.6	1,621.8	1,564.1	4.9	7.3	-28.80	570.2	17.0	480.8	472.1	8.76	54.920	
1,900.0	1,888.7	1,701.6	1,633.8	5.3	8.0	-28.57	609.1	19.3	518.5	509.2	9.32	55.642	
2,000.0	1,987.8	1,793.7	1,713.6	5.6	8.9	-28.31	655.0	22.1	557.4	547.4	9.92	56.212	
2,100.0	2,087.0	1,885.9	1,793.5	5.9	9.7	-28.08	700.8	24.8	596.2	585.7	10.52	56.697	
2,200.0	2,186.1	1,978.0	1,873.3	6.2	10.6	-27.89	746.7	27.6	635.0	623.9	11.12	57.114	
2,300.0	2,285.2	2,070.1	1,953.2	6.6	11.5	-27.71	792.6	30.3	673.9	662.1	11.72	57.475	
2,400.0	2,384.3	2,162.3	2,033.0	6.9	12.3	-27.56	838.5	33.0	712.7	700.4	12.33	57.791	
2,500.0	2,483.5	2,254.4	2,112.9	7.2	13.2	-27.42	884.4	35.8	751.6	738.6	12.94	58.068	
2,600.0	2,582.6	2,346.5	2,192.7	7.5	14.1	-27.29	930.3	38.5	790.4	776.9	13.55	58.314	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth B-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

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	-0.99	210.2	-3.6	210.2				
100.0	100.0	100.0	100.0	0.1	0.1	-0.99	210.2	-3.6	210.2	210.0	0.22	935.403	
200.0	200.0	200.0	200.0	0.3	0.3	-0.99	210.2	-3.6	210.2	209.6	0.67	311.801	
300.0	300.0	300.0	300.0	0.6	0.6	-76.34	210.2	-3.6	209.9	208.8	1.12	188.001	
323.3	323.2	321.7	321.7	0.6	0.6	-76.50	210.3	-3.6	209.9	208.6	1.22	172.390	CC, ES
400.0	399.9	393.1	393.1	0.8	0.8	-77.26	211.7	-3.5	210.7	209.1	1.55	136.044	
500.0	499.7	486.1	486.0	1.0	1.0	-55.35	216.2	-3.2	213.1	211.1	2.00	106.647	
600.0	599.5	579.1	578.7	1.3	1.2	-42.14	223.8	-2.8	216.2	213.8	2.46	88.037	
700.0	699.0	672.0	670.9	1.5	1.5	-34.44	234.3	-2.1	220.0	217.1	2.92	75.271	
800.0	798.3	764.7	762.7	1.8	1.7	-29.73	247.8	-1.3	224.5	221.1	3.40	65.998	
815.1	813.4	778.7	776.5	1.8	1.8	-29.18	250.0	-1.1	225.2	221.8	3.47	64.819	
900.0	897.5	857.3	853.7	2.1	2.1	-29.81	264.1	-0.2	230.6	226.7	3.89	59.280	
1,000.0	996.6	949.4	943.8	2.4	2.4	-30.38	283.4	1.0	239.7	235.4	4.39	54.603	
1,100.0	1,095.7	1,040.9	1,032.7	2.7	2.8	-30.76	305.3	2.4	252.1	247.2	4.90	51.395	
1,200.0	1,194.8	1,131.7	1,120.1	3.0	3.3	-30.97	329.9	3.9	267.5	262.1	5.43	49.266	
1,300.0	1,294.0	1,221.5	1,205.7	3.3	3.7	-31.03	356.9	5.6	286.0	280.0	5.96	47.949	
1,400.0	1,393.1	1,310.2	1,289.4	3.6	4.3	-30.97	386.1	7.4	307.4	300.9	6.50	47.257	
1,500.0	1,492.2	1,400.0	1,373.2	4.0	4.9	-30.81	418.4	9.5	331.8	324.7	7.06	47.001	SF
1,600.0	1,591.3	1,483.7	1,450.3	4.3	5.5	-30.59	450.8	11.5	359.0	351.4	7.60	47.214	
1,700.0	1,690.5	1,568.3	1,527.3	4.6	6.1	-30.32	485.9	13.7	389.0	380.9	8.16	47.682	
1,800.0	1,789.6	1,651.3	1,601.7	4.9	6.8	-30.01	522.4	16.0	421.8	413.1	8.71	48.398	
1,900.0	1,888.7	1,732.5	1,673.6	5.3	7.5	-29.69	560.3	18.4	457.2	447.9	9.27	49.305	
2,000.0	1,987.8	1,824.0	1,753.7	5.6	8.3	-29.34	604.3	21.2	494.2	484.3	9.86	50.103	
2,100.0	2,087.0	1,916.8	1,835.1	5.9	9.1	-29.04	649.0	24.0	531.2	520.7	10.46	50.794	
2,200.0	2,186.1	2,009.7	1,916.4	6.2	10.0	-28.77	693.7	26.8	568.2	557.2	11.06	51.395	
2,300.0	2,285.2	2,102.6	1,997.8	6.6	10.8	-28.54	738.4	29.6	605.3	593.6	11.66	51.921	
2,400.0	2,384.3	2,195.4	2,079.1	6.9	11.7	-28.33	783.0	32.4	642.3	630.1	12.26	52.386	
2,500.0	2,483.5	2,288.3	2,160.5	7.2	12.5	-28.15	827.7	35.2	679.4	666.5	12.87	52.798	
2,600.0	2,582.6	2,381.2	2,241.8	7.5	13.4	-27.98	872.4	38.0	716.4	703.0	13.48	53.166	
2,700.0	2,681.7	2,474.0	2,323.2	7.9	14.2	-27.84	917.1	40.8	753.5	739.4	14.08	53.498	
2,800.0	2,780.8	2,566.9	2,404.5	8.2	15.1	-27.70	961.8	43.6	790.6	775.9	14.70	53.797	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth C-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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	-0.98	194.9	-3.3	194.9				
100.0	100.0	100.0	100.0	0.1	0.1	-0.98	194.9	-3.3	194.9	194.7	0.22	867.297	
200.0	200.0	200.0	200.0	0.3	0.3	-0.98	194.9	-3.3	194.9	194.3	0.67	289.099	
300.0	300.0	300.0	300.0	0.6	0.6	-76.36	194.9	-3.3	194.6	193.5	1.12	174.293	
400.0	399.9	399.9	399.9	0.8	0.8	-77.50	194.9	-3.3	193.7	192.2	1.56	123.956	
500.0	499.7	493.5	493.5	1.0	1.0	-55.81	196.4	-3.2	193.0	191.0	2.01	95.948	
551.5	551.1	541.8	541.7	1.1	1.1	-48.24	198.4	-3.1	192.9	190.6	2.25	85.842	CC
600.0	599.5	587.2	587.0	1.3	1.2	-42.86	201.0	-2.9	193.0	190.5	2.47	78.199	ES
700.0	699.0	680.8	680.4	1.5	1.4	-35.42	208.6	-2.4	193.7	190.8	2.93	66.063	
800.0	798.3	774.5	773.4	1.8	1.7	-30.98	219.3	-1.7	195.1	191.7	3.41	57.286	
815.1	813.4	788.7	787.5	1.8	1.7	-30.47	221.2	-1.6	195.4	191.9	3.48	56.173	
900.0	897.5	868.1	866.0	2.1	2.0	-31.31	233.0	-0.8	198.1	194.3	3.89	50.970	
1,000.0	996.6	961.5	957.9	2.4	2.3	-32.08	249.6	0.3	204.4	200.0	4.38	46.625	
1,100.0	1,095.7	1,054.5	1,048.8	2.7	2.6	-32.61	269.2	1.6	213.8	208.9	4.89	43.698	
1,200.0	1,194.8	1,146.8	1,138.4	3.0	3.0	-32.89	291.5	3.1	226.4	221.0	5.41	41.813	
1,300.0	1,294.0	1,238.3	1,226.4	3.3	3.5	-32.97	316.4	4.7	242.0	236.1	5.94	40.710	
1,400.0	1,393.1	1,328.9	1,312.7	3.6	3.9	-32.87	343.9	6.6	260.7	254.2	6.48	40.201	
1,500.0	1,492.2	1,418.3	1,397.0	4.0	4.5	-32.64	373.6	8.5	282.3	275.3	7.03	40.178	SF
1,600.0	1,591.3	1,506.4	1,479.1	4.3	5.0	-32.32	405.5	10.6	306.9	299.3	7.58	40.503	
1,700.0	1,690.5	1,593.1	1,558.9	4.6	5.7	-31.93	439.3	12.9	334.3	326.2	8.13	41.123	
1,800.0	1,789.6	1,678.3	1,636.3	4.9	6.3	-31.51	474.8	15.3	364.6	355.9	8.69	41.976	
1,900.0	1,888.7	1,761.8	1,711.1	5.3	7.0	-31.07	511.8	17.7	397.6	388.4	9.24	43.022	
2,000.0	1,987.8	1,844.1	1,783.7	5.6	7.7	-30.62	550.5	20.3	433.3	423.5	9.80	44.207	
2,100.0	2,087.0	1,937.0	1,865.1	5.9	8.5	-30.16	595.1	23.2	470.2	459.8	10.39	45.246	
2,200.0	2,186.1	2,029.9	1,946.5	6.2	9.3	-29.76	639.8	26.2	507.1	496.1	10.98	46.168	
2,300.0	2,285.2	2,122.8	2,028.0	6.6	10.2	-29.42	684.4	29.2	544.0	532.4	11.58	46.983	
2,400.0	2,384.3	2,215.7	2,109.4	6.9	11.0	-29.12	729.1	32.1	580.9	568.8	12.18	47.708	
2,500.0	2,483.5	2,308.6	2,190.8	7.2	11.9	-28.85	773.7	35.1	617.9	605.1	12.78	48.355	
2,600.0	2,582.6	2,401.5	2,272.2	7.5	12.7	-28.62	818.3	38.1	654.8	641.5	13.38	48.937	
2,700.0	2,681.7	2,494.4	2,353.6	7.9	13.6	-28.41	863.0	41.0	691.8	677.8	13.99	49.462	
2,800.0	2,780.8	2,587.2	2,435.0	8.2	14.4	-28.22	907.6	44.0	728.8	714.2	14.59	49.939	
2,900.0	2,880.0	2,680.1	2,516.4	8.5	15.3	-28.05	952.3	47.0	765.8	750.5	15.20	50.373	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth D-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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	-0.97	180.0	-3.1	180.0				
100.0	100.0	100.0	100.0	0.1	0.1	-0.97	180.0	-3.1	180.0	179.8	0.22	800.830	
200.0	200.0	200.0	200.0	0.3	0.3	-0.97	180.0	-3.1	180.0	179.3	0.67	266.943	
300.0	300.0	300.0	300.0	0.6	0.6	-76.38	180.0	-3.1	179.7	178.6	1.12	160.915	
400.0	399.9	399.9	399.9	0.8	0.8	-77.62	180.0	-3.1	178.8	177.2	1.56	114.403	
500.0	499.7	499.7	499.7	1.0	1.0	-56.22	180.0	-3.1	176.4	174.4	2.03	87.076	
600.0	599.5	593.9	593.9	1.3	1.2	-43.57	181.5	-2.9	173.3	170.8	2.48	69.779	
700.0	699.0	688.2	688.1	1.5	1.4	-36.48	186.1	-2.6	170.8	167.9	2.95	58.005	
800.0	798.3	782.6	782.1	1.8	1.7	-32.40	193.9	-2.0	169.2	165.8	3.42	49.519	
815.1	813.4	796.9	796.4	1.8	1.7	-31.96	195.3	-1.9	169.0	165.5	3.49	48.446	
850.2	848.1	830.1	829.3	1.9	1.8	-32.45	198.9	-1.6	168.8	165.1	3.66	46.175	CC, ES
900.0	897.5	877.1	876.0	2.1	1.9	-33.10	204.7	-1.2	169.2	165.3	3.89	43.452	
1,000.0	996.6	971.6	969.4	2.4	2.2	-34.18	218.6	-0.2	172.5	168.1	4.39	39.318	
1,100.0	1,095.7	1,065.8	1,062.1	2.7	2.5	-34.92	235.5	1.1	178.9	174.0	4.89	36.575	
1,200.0	1,194.8	1,159.6	1,153.8	3.0	2.8	-35.32	255.4	2.6	188.6	183.1	5.41	34.852	
1,300.0	1,294.0	1,252.7	1,244.1	3.3	3.2	-35.42	278.0	4.2	201.3	195.3	5.94	33.893	
1,400.0	1,393.1	1,345.0	1,332.8	3.6	3.7	-35.27	303.4	6.1	217.1	210.6	6.48	33.519	SF
1,500.0	1,492.2	1,436.4	1,419.8	4.0	4.1	-34.92	331.2	8.2	235.9	228.8	7.02	33.591	
1,600.0	1,591.3	1,526.5	1,504.7	4.3	4.7	-34.44	361.4	10.5	257.6	250.1	7.57	34.053	
1,700.0	1,690.5	1,615.3	1,587.4	4.6	5.2	-33.88	393.8	12.9	282.4	274.2	8.12	34.783	
1,800.0	1,789.6	1,700.0	1,665.2	4.9	5.8	-33.28	427.0	15.3	310.0	301.3	8.66	35.786	
1,900.0	1,888.7	1,788.4	1,745.4	5.3	6.5	-32.64	464.1	18.1	340.4	331.2	9.23	36.898	
2,000.0	1,987.8	1,880.1	1,827.7	5.6	7.2	-31.99	504.4	21.1	372.9	363.1	9.80	38.045	
2,100.0	2,087.0	1,974.5	1,912.4	5.9	8.0	-31.42	546.1	24.2	405.6	395.2	10.38	39.058	
2,200.0	2,186.1	2,068.9	1,997.0	6.2	8.8	-30.94	587.7	27.3	438.3	427.3	10.97	39.952	
2,300.0	2,285.2	2,163.4	2,081.7	6.6	9.5	-30.53	629.4	30.4	471.0	459.5	11.56	40.745	
2,400.0	2,384.3	2,257.8	2,166.4	6.9	10.3	-30.16	671.1	33.5	503.8	491.6	12.15	41.454	
2,500.0	2,483.5	2,352.3	2,251.1	7.2	11.1	-29.85	712.7	36.6	536.5	523.8	12.75	42.089	
2,600.0	2,582.6	2,446.7	2,335.8	7.5	11.9	-29.57	754.4	39.7	569.3	556.0	13.34	42.663	
2,700.0	2,681.7	2,541.2	2,420.5	7.9	12.7	-29.32	796.1	42.8	602.1	588.2	13.94	43.182	
2,800.0	2,780.8	2,635.6	2,505.2	8.2	13.5	-29.09	837.7	45.9	634.9	620.4	14.54	43.654	
2,900.0	2,880.0	2,730.0	2,589.9	8.5	14.3	-28.89	879.4	49.0	667.7	652.6	15.15	44.086	
3,000.0	2,979.1	2,824.5	2,674.6	8.9	15.1	-28.71	921.1	52.1	700.5	684.8	15.75	44.481	
3,100.0	3,078.2	2,918.9	2,759.3	9.2	15.9	-28.54	962.8	55.2	733.3	717.0	16.35	44.845	
3,200.0	3,177.3	3,013.4	2,844.0	9.5	16.7	-28.39	1,004.4	58.3	766.2	749.2	16.96	45.180	
3,300.0	3,276.5	3,107.8	2,928.7	9.8	17.5	-28.25	1,046.1	61.4	799.0	781.4	17.56	45.491	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth E-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

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	-0.97	165.0	-2.8	165.1				
100.0	100.0	100.0	100.0	0.1	0.1	-0.97	165.0	-2.8	165.1	164.8	0.22	734.362	
200.0	200.0	200.0	200.0	0.3	0.3	-0.97	165.0	-2.8	165.1	164.4	0.67	244.787	
300.0	300.0	300.0	300.0	0.6	0.6	-76.41	165.0	-2.8	164.7	163.6	1.12	147.536	
400.0	399.9	399.9	399.9	0.8	0.8	-77.76	165.0	-2.8	163.9	162.3	1.56	104.849	
500.0	499.7	499.7	499.7	1.0	1.0	-56.52	165.0	-2.8	161.5	159.5	2.03	79.720	
600.0	599.5	599.5	599.5	1.3	1.2	-44.25	165.0	-2.8	156.8	154.3	2.50	62.769	
700.0	699.0	694.2	694.2	1.5	1.4	-37.61	166.6	-2.7	151.2	148.3	2.96	51.061	
800.0	798.3	789.2	789.0	1.8	1.7	-34.07	171.3	-2.3	146.5	143.1	3.43	42.690	
815.1	813.4	803.6	803.4	1.8	1.7	-33.71	172.2	-2.2	145.9	142.4	3.50	41.632	
900.0	897.5	884.4	883.9	2.1	1.9	-35.33	179.1	-1.7	143.5	139.6	3.91	36.737	
940.0	937.2	922.5	921.9	2.2	2.0	-36.02	183.1	-1.4	143.3	139.2	4.10	34.926	CC, ES
1,000.0	996.6	979.7	978.6	2.4	2.1	-36.93	190.1	-0.8	143.9	139.5	4.40	32.714	
1,100.0	1,095.7	1,075.1	1,072.9	2.7	2.4	-38.08	204.2	0.3	147.4	142.5	4.90	30.072	
1,200.0	1,194.8	1,170.1	1,166.4	3.0	2.7	-38.75	221.4	1.7	154.1	148.7	5.42	28.441	
1,300.0	1,294.0	1,264.8	1,258.8	3.3	3.0	-38.95	241.6	3.3	163.9	158.0	5.95	27.565	
1,400.0	1,393.1	1,358.7	1,349.9	3.6	3.4	-38.77	264.6	5.1	176.8	170.3	6.48	27.266	SF
1,500.0	1,492.2	1,451.8	1,439.3	4.0	3.9	-38.28	290.4	7.1	192.7	185.7	7.03	27.417	
1,600.0	1,591.3	1,543.9	1,526.9	4.3	4.4	-37.59	318.7	9.3	211.6	204.0	7.58	27.925	
1,700.0	1,690.5	1,634.8	1,612.4	4.6	4.9	-36.76	349.3	11.8	233.5	225.3	8.13	28.730	
1,800.0	1,789.6	1,724.3	1,695.6	4.9	5.5	-35.88	382.2	14.4	258.3	249.6	8.68	29.762	
1,900.0	1,888.7	1,812.3	1,776.4	5.3	6.1	-34.99	416.9	17.1	286.0	276.8	9.23	30.985	
2,000.0	1,987.8	1,903.6	1,859.3	5.6	6.7	-34.09	455.2	20.1	316.2	306.4	9.80	32.273	
2,100.0	2,087.0	1,998.7	1,945.4	5.9	7.5	-33.29	495.4	23.3	346.8	336.4	10.37	33.429	
2,200.0	2,186.1	2,093.8	2,031.6	6.2	8.2	-32.63	535.5	26.5	377.4	366.4	10.95	34.455	
2,300.0	2,285.2	2,188.9	2,117.8	6.6	8.9	-32.06	575.6	29.6	408.0	396.5	11.53	35.370	
2,400.0	2,384.3	2,284.1	2,204.0	6.9	9.7	-31.58	615.8	32.8	438.7	426.5	12.12	36.191	
2,500.0	2,483.5	2,379.2	2,290.1	7.2	10.5	-31.15	655.9	36.0	469.4	456.6	12.71	36.930	
2,600.0	2,582.6	2,474.3	2,376.3	7.5	11.2	-30.78	696.1	39.1	500.1	486.8	13.30	37.599	
2,700.0	2,681.7	2,569.4	2,462.5	7.9	12.0	-30.46	736.2	42.3	530.8	516.9	13.89	38.207	
2,800.0	2,780.8	2,664.5	2,548.7	8.2	12.7	-30.16	776.3	45.5	561.5	547.1	14.49	38.761	
2,900.0	2,880.0	2,759.7	2,634.9	8.5	13.5	-29.90	816.5	48.7	592.3	577.2	15.08	39.269	
3,000.0	2,979.1	2,854.8	2,721.0	8.9	14.3	-29.67	856.6	51.8	623.1	607.4	15.68	39.735	
3,100.0	3,078.2	2,949.9	2,807.2	9.2	15.0	-29.45	896.8	55.0	653.8	637.6	16.28	40.164	
3,200.0	3,177.3	3,045.0	2,893.4	9.5	15.8	-29.26	936.9	58.2	684.6	667.7	16.88	40.561	
3,300.0	3,276.5	3,140.1	2,979.6	9.8	16.6	-29.08	977.0	61.3	715.4	697.9	17.48	40.929	
3,400.0	3,375.6	3,235.3	3,065.7	10.2	17.4	-28.92	1,017.2	64.5	746.2	728.1	18.08	41.271	
3,500.0	3,474.7	3,330.4	3,151.9	10.5	18.1	-28.77	1,057.3	67.7	777.0	758.3	18.68	41.589	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth F-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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	-0.96	150.1	-2.5	150.1				
100.0	100.0	100.0	100.0	0.1	0.1	-0.96	150.1	-2.5	150.1	149.9	0.22	667.895	
200.0	200.0	200.0	200.0	0.3	0.3	-0.96	150.1	-2.5	150.1	149.4	0.67	222.632	
300.0	300.0	300.0	300.0	0.6	0.6	-76.45	150.1	-2.5	149.8	148.7	1.12	134.158	
400.0	399.9	399.9	399.9	0.8	0.8	-77.93	150.1	-2.5	148.9	147.4	1.56	95.297	
500.0	499.7	499.7	499.7	1.0	1.0	-56.88	150.1	-2.5	146.6	144.6	2.03	72.367	
600.0	599.5	599.5	599.5	1.3	1.2	-44.83	150.1	-2.5	141.9	139.4	2.50	56.822	
700.0	699.0	699.0	699.0	1.5	1.5	-38.72	150.1	-2.5	134.8	131.9	2.98	45.318	
800.0	798.3	794.4	794.3	1.8	1.7	-35.91	151.6	-2.4	127.1	123.6	3.45	36.845	
815.1	813.4	808.8	808.8	1.8	1.7	-35.67	152.2	-2.3	126.0	122.5	3.52	35.778	
900.0	897.5	890.1	889.9	2.1	1.9	-38.02	156.4	-2.0	121.2	117.2	3.92	30.879	
1,000.0	996.6	986.2	985.7	2.4	2.1	-40.46	164.3	-1.3	118.6	114.2	4.42	26.871	
1,026.4	1,022.7	1,011.6	1,010.9	2.5	2.2	-41.02	167.0	-1.1	118.5	114.0	4.55	26.063	CC, ES
1,100.0	1,095.7	1,082.4	1,081.3	2.7	2.4	-42.35	175.5	-0.4	119.4	114.5	4.92	24.260	
1,200.0	1,194.8	1,178.6	1,176.4	3.0	2.6	-43.53	189.9	0.8	123.3	117.9	5.44	22.660	
1,300.0	1,294.0	1,274.6	1,270.7	3.3	2.9	-43.99	207.3	2.3	130.2	124.3	5.97	21.808	
1,400.0	1,393.1	1,370.1	1,364.0	3.6	3.3	-43.81	227.8	4.0	140.2	133.7	6.51	21.524	SF
1,500.0	1,492.2	1,464.9	1,455.8	4.0	3.6	-43.13	251.2	6.0	153.1	146.0	7.06	21.685	
1,600.0	1,591.3	1,558.8	1,546.0	4.3	4.1	-42.11	277.4	8.2	168.9	161.3	7.61	22.203	
1,700.0	1,690.5	1,651.6	1,634.2	4.6	4.6	-40.88	306.1	10.6	187.8	179.7	8.16	23.018	
1,800.0	1,789.6	1,743.2	1,720.3	4.9	5.1	-39.57	337.3	13.3	209.7	201.0	8.71	24.068	
1,900.0	1,888.7	1,833.4	1,804.1	5.3	5.7	-38.25	370.6	16.1	234.5	225.2	9.26	25.318	
2,000.0	1,987.8	1,922.1	1,885.3	5.6	6.3	-36.97	405.9	19.1	262.3	252.5	9.81	26.731	
2,100.0	2,087.0	2,015.8	1,970.4	5.9	7.0	-35.74	445.0	22.4	292.1	281.7	10.38	28.150	
2,200.0	2,186.1	2,111.0	2,056.9	6.2	7.7	-34.71	484.9	25.7	322.1	311.2	10.95	29.425	
2,300.0	2,285.2	2,206.3	2,143.3	6.6	8.4	-33.86	524.7	29.1	352.2	340.7	11.52	30.569	
2,400.0	2,384.3	2,301.5	2,229.8	6.9	9.1	-33.15	564.5	32.4	382.3	370.2	12.10	31.600	
2,500.0	2,483.5	2,396.8	2,316.3	7.2	9.9	-32.54	604.3	35.8	412.5	399.8	12.68	32.532	
2,600.0	2,582.6	2,492.0	2,402.7	7.5	10.6	-32.01	644.2	39.1	442.7	429.4	13.26	33.378	
2,700.0	2,681.7	2,587.3	2,489.2	7.9	11.4	-31.55	684.0	42.5	472.9	459.1	13.85	34.149	
2,800.0	2,780.8	2,682.5	2,575.7	8.2	12.1	-31.14	723.8	45.8	503.2	488.7	14.44	34.854	
2,900.0	2,880.0	2,777.8	2,662.1	8.5	12.9	-30.78	763.6	49.2	533.5	518.4	15.03	35.500	
3,000.0	2,979.1	2,873.0	2,748.6	8.9	13.6	-30.46	803.4	52.6	563.8	548.1	15.62	36.095	
3,100.0	3,078.2	2,968.3	2,835.0	9.2	14.4	-30.17	843.3	55.9	594.1	577.9	16.21	36.643	
3,200.0	3,177.3	3,063.5	2,921.5	9.5	15.2	-29.91	883.1	59.3	624.4	607.6	16.81	37.151	
3,300.0	3,276.5	3,158.8	3,008.0	9.8	15.9	-29.68	922.9	62.6	654.7	637.3	17.40	37.622	
3,400.0	3,375.6	3,254.1	3,094.4	10.2	16.7	-29.46	962.7	66.0	685.1	667.1	18.00	38.060	
3,500.0	3,474.7	3,349.3	3,180.9	10.5	17.5	-29.26	1,002.6	69.3	715.4	696.8	18.60	38.469	
3,600.0	3,573.8	3,444.6	3,267.4	10.8	18.2	-29.08	1,042.4	72.7	745.8	726.6	19.20	38.850	
3,700.0	3,673.0	3,539.8	3,353.8	11.2	19.0	-28.92	1,082.2	76.1	776.2	756.4	19.80	39.207	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth G-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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	-0.94	135.2	-2.2	135.2				
100.0	100.0	100.0	100.0	0.1	0.1	-0.94	135.2	-2.2	135.2	135.0	0.22	601.427	
200.0	200.0	200.0	200.0	0.3	0.3	-0.94	135.2	-2.2	135.2	134.5	0.67	200.476	
300.0	300.0	300.0	300.0	0.6	0.6	-76.49	135.2	-2.2	134.9	133.8	1.12	120.780	
400.0	399.9	399.9	399.9	0.8	0.8	-78.13	135.2	-2.2	134.0	132.4	1.56	85.745	
500.0	499.7	499.7	499.7	1.0	1.0	-57.32	135.2	-2.2	131.7	129.7	2.03	65.018	
600.0	599.5	599.5	599.5	1.3	1.2	-45.54	135.2	-2.2	127.1	124.6	2.50	50.882	
700.0	699.0	699.0	699.0	1.5	1.5	-39.80	135.2	-2.2	120.1	117.1	2.98	40.360	
800.0	798.3	798.3	798.3	1.8	1.7	-37.83	135.2	-2.2	110.9	107.5	3.46	32.039	
815.1	813.4	812.9	812.9	1.8	1.7	-37.77	135.2	-2.2	109.4	105.9	3.54	30.937	
900.0	897.5	894.4	894.4	2.1	1.9	-41.17	136.7	-2.1	102.2	98.3	3.94	25.917	
1,000.0	996.6	991.0	990.9	2.4	2.1	-44.98	141.5	-1.6	97.0	92.6	4.44	21.850	
1,100.0	1,095.7	1,088.0	1,087.6	2.7	2.3	-48.16	149.6	-0.8	95.2	90.2	4.95	19.218	
1,107.3	1,103.0	1,095.1	1,094.6	2.7	2.4	-48.35	150.3	-0.8	95.2	90.2	4.99	19.071	CC, ES
1,200.0	1,194.8	1,185.2	1,184.1	3.0	2.6	-50.34	160.9	0.3	96.5	91.0	5.48	17.609	
1,300.0	1,294.0	1,282.4	1,280.1	3.3	2.8	-51.37	175.5	1.7	100.7	94.7	6.02	16.734	
1,400.0	1,393.1	1,379.2	1,375.3	3.6	3.1	-51.30	193.2	3.4	107.7	101.1	6.56	16.408	SF
1,500.0	1,492.2	1,475.6	1,469.3	4.0	3.5	-50.33	214.1	5.4	117.5	110.4	7.12	16.510	
1,600.0	1,591.3	1,571.2	1,561.9	4.3	3.9	-48.75	237.9	7.7	130.1	122.5	7.67	16.962	
1,700.0	1,690.5	1,666.0	1,652.9	4.6	4.3	-46.81	264.4	10.3	145.7	137.5	8.23	17.710	
1,800.0	1,789.6	1,759.6	1,741.8	4.9	4.8	-44.73	293.6	13.1	164.3	155.5	8.78	18.717	
1,900.0	1,888.7	1,852.0	1,828.5	5.3	5.3	-42.66	325.3	16.2	185.9	176.6	9.33	19.931	
2,000.0	1,987.8	1,945.8	1,915.6	5.6	5.9	-40.68	359.9	19.5	210.3	200.4	9.88	21.288	
2,100.0	2,087.0	2,042.4	2,005.2	5.9	6.5	-39.01	395.9	23.0	235.2	224.8	10.44	22.539	
2,200.0	2,186.1	2,139.0	2,094.8	6.2	7.2	-37.66	432.0	26.5	260.3	249.3	11.00	23.673	
2,300.0	2,285.2	2,235.7	2,184.4	6.6	7.8	-36.55	468.0	30.0	285.6	274.0	11.56	24.699	
2,400.0	2,384.3	2,332.3	2,273.9	6.9	8.5	-35.62	504.1	33.5	310.9	298.8	12.13	25.628	
2,500.0	2,483.5	2,428.9	2,363.5	7.2	9.1	-34.83	540.1	37.0	336.3	323.6	12.70	26.474	
2,600.0	2,582.6	2,525.6	2,453.1	7.5	9.8	-34.15	576.2	40.5	361.7	348.4	13.28	27.246	
2,700.0	2,681.7	2,622.2	2,542.7	7.9	10.5	-33.56	612.3	44.0	387.2	373.3	13.85	27.952	
2,800.0	2,780.8	2,718.8	2,632.3	8.2	11.2	-33.04	648.3	47.5	412.7	398.3	14.43	28.600	
2,900.0	2,880.0	2,815.4	2,721.9	8.5	11.9	-32.58	684.4	51.0	438.2	423.2	15.01	29.196	
3,000.0	2,979.1	2,912.1	2,811.4	8.9	12.6	-32.17	720.4	54.5	463.8	448.2	15.59	29.747	
3,100.0	3,078.2	3,008.7	2,901.0	9.2	13.3	-31.81	756.5	58.0	489.4	473.2	16.17	30.257	
3,200.0	3,177.3	3,105.3	2,990.6	9.5	14.0	-31.48	792.5	61.5	515.0	498.2	16.76	30.730	
3,300.0	3,276.5	3,202.0	3,080.2	9.8	14.6	-31.18	828.6	64.9	540.6	523.2	17.34	31.170	
3,400.0	3,375.6	3,298.6	3,169.8	10.2	15.3	-30.91	864.6	68.4	566.2	548.3	17.93	31.580	
3,500.0	3,474.7	3,395.2	3,259.4	10.5	16.0	-30.67	900.7	71.9	591.8	573.3	18.52	31.963	
3,600.0	3,573.8	3,491.8	3,348.9	10.8	16.7	-30.44	936.7	75.4	617.5	598.4	19.10	32.321	
3,700.0	3,673.0	3,588.5	3,438.5	11.2	17.4	-30.23	972.8	78.9	643.1	623.4	19.69	32.657	
3,800.0	3,772.1	3,685.1	3,528.1	11.5	18.1	-30.04	1,008.8	82.4	668.8	648.5	20.28	32.974	
3,900.0	3,871.2	3,781.7	3,617.7	11.8	18.8	-29.86	1,044.9	85.9	694.4	673.6	20.87	33.271	
4,000.0	3,970.3	3,878.4	3,707.3	12.1	19.5	-29.69	1,081.0	89.4	720.1	698.6	21.46	33.552	
4,100.0	4,069.5	3,975.0	3,796.8	12.5	20.2	-29.54	1,117.0	92.9	745.8	723.7	22.05	33.816	
4,200.0	4,168.6	4,071.6	3,886.4	12.8	20.9	-29.40	1,153.1	96.4	771.5	748.8	22.65	34.067	
4,300.0	4,267.7	4,168.2	3,976.0	13.1	21.6	-29.26	1,189.1	99.9	797.2	773.9	23.24	34.304	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth H-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

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	-0.93	120.2	-1.9	120.2				
100.0	100.0	100.0	100.0	0.1	0.1	-0.93	120.2	-1.9	120.2	120.0	0.22	534.942	
200.0	200.0	200.0	200.0	0.3	0.3	-0.93	120.2	-1.9	120.2	119.6	0.67	178.314	
300.0	300.0	300.0	300.0	0.6	0.6	-76.54	120.2	-1.9	119.9	118.8	1.12	107.398	
400.0	399.9	399.9	399.9	0.8	0.8	-78.39	120.2	-1.9	119.1	117.5	1.56	76.193	
500.0	499.7	499.7	499.7	1.0	1.0	-57.87	120.2	-1.9	116.8	114.8	2.03	57.671	
600.0	599.5	599.5	599.5	1.3	1.2	-46.45	120.2	-1.9	112.2	109.7	2.50	44.950	
700.0	699.0	699.0	699.0	1.5	1.5	-41.17	120.2	-1.9	105.4	102.4	2.98	35.420	
800.0	798.3	798.3	798.3	1.8	1.7	-39.88	120.2	-1.9	96.5	93.0	3.46	27.846	
815.1	813.4	813.4	813.4	1.8	1.7	-39.97	120.2	-1.9	94.9	91.4	3.54	26.827	
900.0	897.5	897.5	897.5	2.1	1.9	-44.71	120.2	-1.9	86.6	82.7	3.96	21.879	
1,000.0	996.6	994.5	994.4	2.4	2.1	-50.73	121.8	-1.8	79.1	74.6	4.47	17.707	
1,100.0	1,095.7	1,092.0	1,091.8	2.7	2.3	-56.27	126.6	-1.3	75.2	70.2	4.99	15.070	
1,172.3	1,167.4	1,162.8	1,162.4	2.9	2.5	-59.51	132.2	-0.7	74.4	69.0	5.38	13.837 CC	
1,200.0	1,194.8	1,189.9	1,189.4	3.0	2.6	-60.52	134.8	-0.4	74.5	69.0	5.53	13.484 ES	
1,300.0	1,294.0	1,288.0	1,286.9	3.3	2.8	-62.95	146.3	0.8	76.6	70.5	6.07	12.609	
1,400.0	1,393.1	1,386.1	1,383.8	3.6	3.1	-63.46	161.1	2.3	81.1	74.5	6.63	12.225	
1,500.0	1,492.2	1,483.9	1,479.8	4.0	3.4	-62.31	179.2	4.2	87.9	80.7	7.20	12.214 SF	
1,600.0	1,591.3	1,581.1	1,574.7	4.3	3.7	-59.94	200.4	6.4	97.3	89.5	7.77	12.516	
1,700.0	1,690.5	1,677.6	1,668.1	4.6	4.1	-56.85	224.6	8.9	109.2	100.9	8.34	13.102	
1,800.0	1,789.6	1,773.2	1,759.8	4.9	4.5	-53.47	251.6	11.7	124.1	115.2	8.90	13.951	
1,900.0	1,888.7	1,867.7	1,849.4	5.3	5.0	-50.10	281.2	14.8	142.1	132.7	9.45	15.042	
2,000.0	1,987.8	1,962.1	1,938.0	5.6	5.5	-46.92	313.7	18.2	163.1	153.1	9.99	16.327	
2,100.0	2,087.0	2,059.4	2,029.0	5.9	6.1	-44.27	347.8	21.8	185.3	174.7	10.54	17.578	
2,200.0	2,186.1	2,156.6	2,119.9	6.2	6.7	-42.18	382.0	25.3	207.7	196.6	11.09	18.728	
2,300.0	2,285.2	2,253.8	2,210.8	6.6	7.3	-40.51	416.1	28.9	230.3	218.7	11.64	19.781	
2,400.0	2,384.3	2,351.0	2,301.8	6.9	7.9	-39.13	450.3	32.5	253.1	240.9	12.20	20.745	
2,500.0	2,483.5	2,448.2	2,392.7	7.2	8.6	-37.98	484.4	36.0	276.0	263.2	12.76	21.629	
2,600.0	2,582.6	2,545.4	2,483.7	7.5	9.2	-37.00	518.6	39.6	299.0	285.7	13.32	22.440	
2,700.0	2,681.7	2,642.6	2,574.6	7.9	9.8	-36.17	552.7	43.1	322.0	308.2	13.89	23.186	
2,800.0	2,780.8	2,739.8	2,665.5	8.2	10.5	-35.44	586.9	46.7	345.2	330.7	14.46	23.874	
2,900.0	2,880.0	2,837.0	2,756.5	8.5	11.1	-34.81	621.0	50.2	368.3	353.3	15.03	24.509	
3,000.0	2,979.1	2,934.2	2,847.4	8.9	11.8	-34.25	655.2	53.8	391.5	375.9	15.60	25.097	
3,100.0	3,078.2	3,031.4	2,938.4	9.2	12.4	-33.76	689.3	57.4	414.8	398.6	16.17	25.643	
3,200.0	3,177.3	3,128.6	3,029.3	9.5	13.1	-33.31	723.5	60.9	438.0	421.3	16.75	26.151	
3,300.0	3,276.5	3,225.8	3,120.2	9.8	13.8	-32.91	757.6	64.5	461.3	444.0	17.33	26.624	
3,400.0	3,375.6	3,323.0	3,211.2	10.2	14.4	-32.55	791.8	68.0	484.6	466.7	17.90	27.066	
3,500.0	3,474.7	3,420.2	3,302.1	10.5	15.1	-32.23	825.9	71.6	507.9	489.4	18.48	27.479	
3,600.0	3,573.8	3,517.4	3,393.1	10.8	15.7	-31.93	860.1	75.2	531.3	512.2	19.06	27.867	
3,700.0	3,673.0	3,614.6	3,484.0	11.2	16.4	-31.65	894.2	78.7	554.6	535.0	19.64	28.232	
3,800.0	3,772.1	3,711.8	3,574.9	11.5	17.1	-31.40	928.4	82.3	577.9	557.7	20.23	28.574	
3,900.0	3,871.2	3,809.0	3,665.9	11.8	17.7	-31.17	962.5	85.8	601.3	580.5	20.81	28.897	
4,000.0	3,970.3	3,906.2	3,756.8	12.1	18.4	-30.96	996.7	89.4	624.7	603.3	21.39	29.202	
4,100.0	4,069.5	4,003.4	3,847.8	12.5	19.1	-30.76	1,030.8	93.0	648.1	626.1	21.98	29.490	
4,200.0	4,168.6	4,100.6	3,938.7	12.8	19.7	-30.57	1,064.9	96.5	671.5	648.9	22.56	29.763	
4,300.0	4,267.7	4,197.9	4,029.6	13.1	20.4	-30.40	1,099.1	100.1	694.8	671.7	23.14	30.022	
4,400.0	4,366.8	4,295.1	4,120.6	13.5	21.1	-30.24	1,133.2	103.6	718.2	694.5	23.73	30.267	
4,455.4	4,421.8	4,348.9	4,171.0	13.6	21.4	-30.15	1,152.2	105.6	731.2	707.2	24.05	30.398	
4,500.0	4,466.0	4,392.2	4,211.4	13.8	21.7	-30.18	1,167.4	107.2	741.9	717.7	24.29	30.546	
4,600.0	4,565.5	4,488.6	4,301.7	14.0	22.4	-30.19	1,201.2	110.7	768.1	743.4	24.75	31.039	
4,700.0	4,665.3	4,584.2	4,391.1	14.2	23.1	-30.11	1,234.8	114.2	797.2	772.1	25.15	31.697	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth I-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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	-0.91	104.9	-1.7	104.9				
100.0	100.0	100.0	100.0	0.1	0.1	-0.91	104.9	-1.7	104.9	104.7	0.22	466.872	
200.0	200.0	200.0	200.0	0.3	0.3	-0.91	104.9	-1.7	104.9	104.3	0.67	155.624	
300.0	300.0	300.0	300.0	0.6	0.6	-76.61	104.9	-1.7	104.6	103.5	1.12	93.697	
400.0	399.9	399.9	399.9	0.8	0.8	-78.73	104.9	-1.7	103.8	102.2	1.56	66.415	
500.0	499.7	499.7	499.7	1.0	1.0	-58.60	104.9	-1.7	101.6	99.6	2.03	50.157	
600.0	599.5	599.5	599.5	1.3	1.2	-47.66	104.9	-1.7	97.1	94.6	2.50	38.894	
700.0	699.0	699.0	699.0	1.5	1.5	-43.04	104.9	-1.7	90.4	87.5	2.98	30.391	
800.0	798.3	798.3	798.3	1.8	1.7	-42.72	104.9	-1.7	81.8	78.3	3.47	23.606	
815.1	813.4	813.4	813.4	1.8	1.7	-43.00	104.9	-1.7	80.4	76.8	3.54	22.692	
900.0	897.5	897.5	897.5	2.1	1.9	-49.02	104.9	-1.7	72.5	68.6	3.97	18.290	
1,000.0	996.6	996.6	996.6	2.4	2.1	-57.83	104.9	-1.7	64.6	60.1	4.49	14.392	
1,100.0	1,095.7	1,094.5	1,094.5	2.7	2.3	-67.42	106.5	-1.5	59.6	54.6	5.02	11.857	
1,195.6	1,190.5	1,188.7	1,188.5	3.0	2.6	-75.19	111.1	-1.0	58.2	52.7	5.54	10.501	CC
1,200.0	1,194.8	1,193.0	1,192.9	3.0	2.6	-75.49	111.4	-0.9	58.2	52.6	5.57	10.456	ES
1,300.0	1,294.0	1,291.9	1,291.4	3.3	2.8	-80.77	119.7	0.0	59.5	53.3	6.11	9.725	
1,400.0	1,393.1	1,391.0	1,389.8	3.6	3.0	-82.85	131.4	1.3	62.5	55.8	6.67	9.361	
1,500.0	1,492.2	1,490.0	1,487.6	4.0	3.3	-82.00	146.5	3.0	66.9	59.6	7.25	9.222	SF
1,600.0	1,591.3	1,588.7	1,584.6	4.3	3.6	-78.82	164.8	5.1	72.8	65.0	7.85	9.274	
1,700.0	1,690.5	1,686.9	1,680.3	4.6	3.9	-74.05	186.4	7.5	80.7	72.3	8.46	9.542	
1,800.0	1,789.6	1,784.3	1,774.5	4.9	4.3	-68.47	210.9	10.3	91.1	82.1	9.06	10.060	
1,900.0	1,888.7	1,880.8	1,866.9	5.3	4.7	-62.73	238.4	13.4	104.5	94.8	9.63	10.847	
2,000.0	1,987.8	1,976.0	1,957.3	5.6	5.2	-57.32	268.6	16.8	121.2	111.0	10.18	11.898	
2,100.0	2,087.0	2,072.4	2,047.7	5.9	5.7	-52.54	301.4	20.5	140.7	130.0	10.72	13.133	
2,200.0	2,186.1	2,169.8	2,139.2	6.2	6.3	-48.84	334.8	24.3	161.3	150.0	11.25	14.334	
2,300.0	2,285.2	2,267.2	2,230.6	6.6	6.9	-45.98	368.3	28.1	182.3	170.5	11.78	15.466	
2,400.0	2,384.3	2,364.6	2,322.0	6.9	7.5	-43.71	401.7	31.8	203.6	191.3	12.32	16.522	
2,500.0	2,483.5	2,462.0	2,413.4	7.2	8.1	-41.87	435.1	35.6	225.2	212.3	12.87	17.503	
2,600.0	2,582.6	2,559.4	2,504.8	7.5	8.7	-40.36	468.5	39.4	247.0	233.6	13.41	18.413	
2,700.0	2,681.7	2,656.8	2,596.2	7.9	9.3	-39.09	502.0	43.2	268.9	255.0	13.97	19.255	
2,800.0	2,780.8	2,754.2	2,687.7	8.2	10.0	-38.01	535.4	46.9	291.0	276.4	14.52	20.036	
2,900.0	2,880.0	2,851.6	2,779.1	8.5	10.6	-37.08	568.8	50.7	313.1	298.0	15.08	20.761	
3,000.0	2,979.1	2,949.0	2,870.5	8.9	11.2	-36.28	602.2	54.5	335.3	319.6	15.64	21.435	
3,100.0	3,078.2	3,046.4	2,961.9	9.2	11.9	-35.57	635.6	58.2	357.5	341.3	16.20	22.062	
3,200.0	3,177.3	3,143.9	3,053.3	9.5	12.5	-34.95	669.1	62.0	379.8	363.0	16.77	22.647	
3,300.0	3,276.5	3,241.3	3,144.7	9.8	13.1	-34.40	702.5	65.8	402.1	384.8	17.34	23.194	
3,400.0	3,375.6	3,338.7	3,236.2	10.2	13.8	-33.90	735.9	69.6	424.4	406.5	17.91	23.705	
3,500.0	3,474.7	3,436.1	3,327.6	10.5	14.4	-33.46	769.3	73.3	446.8	428.4	18.48	24.184	
3,600.0	3,573.8	3,533.5	3,419.0	10.8	15.1	-33.05	802.8	77.1	469.2	450.2	19.05	24.634	
3,700.0	3,673.0	3,630.9	3,510.4	11.2	15.7	-32.69	836.2	80.9	491.7	472.0	19.62	25.057	
3,800.0	3,772.1	3,728.3	3,601.8	11.5	16.4	-32.35	869.6	84.7	514.1	493.9	20.20	25.455	
3,900.0	3,871.2	3,825.7	3,693.2	11.8	17.0	-32.04	903.0	88.4	536.6	515.8	20.77	25.831	
4,000.0	3,970.3	3,923.1	3,784.6	12.1	17.7	-31.76	936.4	92.2	559.0	537.7	21.35	26.186	
4,100.0	4,069.5	4,020.5	3,876.1	12.5	18.3	-31.50	969.9	96.0	581.5	559.6	21.93	26.522	
4,200.0	4,168.6	4,117.9	3,967.5	12.8	19.0	-31.26	1,003.3	99.8	604.0	581.5	22.50	26.840	
4,300.0	4,267.7	4,215.3	4,058.9	13.1	19.6	-31.04	1,036.7	103.5	626.5	603.4	23.08	27.142	
4,400.0	4,366.8	4,312.7	4,150.3	13.5	20.3	-30.83	1,070.1	107.3	649.0	625.3	23.66	27.429	
4,455.4	4,421.8	4,366.7	4,201.0	13.6	20.7	-30.72	1,088.7	109.4	661.5	637.5	23.98	27.582	
4,500.0	4,466.0	4,410.1	4,241.7	13.8	21.0	-30.73	1,103.5	111.1	671.8	647.6	24.22	27.742	
4,600.0	4,565.5	4,506.7	4,332.4	14.0	21.6	-30.67	1,136.7	114.8	697.1	672.4	24.67	28.255	
4,700.0	4,665.3	4,602.5	4,422.3	14.2	22.3	-30.53	1,169.6	118.5	725.3	700.2	25.07	28.930	
4,800.0	4,765.2	4,697.3	4,511.2	14.4	22.9	-30.31	1,202.1	122.2	756.4	731.0	25.42	29.763	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth I-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,834.8	4,800.0	4,730.0	4,541.9	14.4	23.1	-7.67	1,213.3	123.5	767.9	731.5	36.41	21.094	
4,900.0	4,865.2	4,791.2	4,599.4	14.5	23.5	-7.27	1,234.3	125.8	789.9	752.9	36.95	21.376	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth J-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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	-0.89	90.0	-1.4	90.0				
100.0	100.0	100.0	100.0	0.1	0.1	-0.89	90.0	-1.4	90.0	89.8	0.22	400.405	
200.0	200.0	200.0	200.0	0.3	0.3	-0.89	90.0	-1.4	90.0	89.3	0.67	133.468	
300.0	300.0	300.0	300.0	0.6	0.6	-76.70	90.0	-1.4	89.7	88.6	1.12	80.320	
400.0	399.9	399.9	399.9	0.8	0.8	-79.17	90.0	-1.4	88.9	87.3	1.56	56.869	
500.0	499.7	499.7	499.7	1.0	1.0	-59.56	90.0	-1.4	86.7	84.7	2.03	42.830	
600.0	599.5	599.5	599.5	1.3	1.2	-49.27	90.0	-1.4	82.4	79.9	2.50	33.002	
700.0	699.0	699.0	699.0	1.5	1.5	-45.57	90.0	-1.4	75.9	73.0	2.98	25.524	
800.0	798.3	798.3	798.3	1.8	1.7	-46.67	90.0	-1.4	67.8	64.3	3.47	19.547	
815.1	813.4	813.4	813.4	1.8	1.7	-47.23	90.0	-1.4	66.4	62.9	3.54	18.746	
900.0	897.5	897.5	897.5	2.1	1.9	-55.14	90.0	-1.4	59.4	55.4	3.97	14.938	
1,000.0	996.6	996.6	996.6	2.4	2.1	-66.88	90.0	-1.4	52.9	48.4	4.50	11.746	
1,100.0	1,095.7	1,095.7	1,095.7	2.7	2.4	-81.05	90.0	-1.4	49.2	44.1	5.04	9.761	
1,148.7	1,144.0	1,143.8	1,143.8	2.8	2.5	-88.09	90.3	-1.3	48.7	43.4	5.29	9.198	CC, ES
1,200.0	1,194.8	1,194.6	1,194.6	3.0	2.6	-94.56	91.5	-1.2	49.1	43.6	5.55	8.846	
1,300.0	1,294.0	1,294.1	1,293.9	3.3	2.8	-103.67	96.5	-0.5	51.7	45.7	6.06	8.545	
1,400.0	1,393.1	1,394.0	1,393.4	3.6	3.0	-108.18	104.9	0.6	55.2	48.6	6.57	8.405	
1,500.0	1,492.2	1,494.0	1,492.8	4.0	3.3	-108.76	116.8	2.2	58.6	51.5	7.12	8.237	
1,600.0	1,591.3	1,594.0	1,591.6	4.3	3.5	-106.04	132.1	4.3	61.9	54.2	7.72	8.018	
1,700.0	1,690.5	1,693.7	1,689.5	4.6	3.8	-100.57	150.7	6.8	65.4	57.1	8.37	7.814	
1,800.0	1,789.6	1,792.9	1,786.1	4.9	4.2	-92.95	172.6	9.8	70.1	61.1	9.07	7.737	SF
1,900.0	1,888.7	1,891.3	1,881.2	5.3	4.5	-84.04	197.6	13.2	77.1	67.3	9.75	7.903	
2,000.0	1,987.8	1,989.1	1,974.9	5.6	5.0	-74.90	225.5	16.9	87.2	76.8	10.40	8.387	
2,100.0	2,087.0	2,087.6	2,069.0	5.9	5.4	-67.36	254.3	20.8	99.5	88.5	10.98	9.062	
2,200.0	2,186.1	2,186.0	2,163.1	6.2	5.9	-61.53	283.1	24.7	113.2	101.7	11.54	9.812	
2,300.0	2,285.2	2,284.5	2,257.2	6.6	6.4	-56.99	311.9	28.6	127.8	115.7	12.08	10.583	
2,400.0	2,384.3	2,383.0	2,351.3	6.9	6.9	-53.38	340.7	32.5	143.0	130.4	12.61	11.343	
2,500.0	2,483.5	2,481.5	2,445.4	7.2	7.5	-50.48	369.5	36.4	158.7	145.6	13.14	12.077	
2,600.0	2,582.6	2,579.9	2,539.5	7.5	8.0	-48.10	398.3	40.3	174.7	161.0	13.67	12.777	
2,700.0	2,681.7	2,678.4	2,633.5	7.9	8.5	-46.12	427.1	44.2	190.9	176.7	14.21	13.439	
2,800.0	2,780.8	2,776.9	2,727.6	8.2	9.1	-44.45	455.9	48.1	207.4	192.6	14.75	14.064	
2,900.0	2,880.0	2,875.4	2,821.7	8.5	9.6	-43.03	484.7	52.0	224.0	208.7	15.29	14.651	
3,000.0	2,979.1	2,973.8	2,915.8	8.9	10.2	-41.80	513.5	55.8	240.6	224.8	15.83	15.203	
3,100.0	3,078.2	3,072.3	3,009.9	9.2	10.7	-40.73	542.3	59.7	257.4	241.1	16.37	15.722	
3,200.0	3,177.3	3,170.8	3,104.0	9.5	11.3	-39.79	571.1	63.6	274.3	257.4	16.92	16.209	
3,300.0	3,276.5	3,269.3	3,198.1	9.8	11.8	-38.97	600.0	67.5	291.2	273.8	17.47	16.668	
3,400.0	3,375.6	3,367.7	3,292.1	10.2	12.4	-38.23	628.8	71.4	308.2	290.2	18.02	17.100	
3,500.0	3,474.7	3,466.2	3,386.2	10.5	13.0	-37.57	657.6	75.3	325.2	306.7	18.58	17.507	
3,600.0	3,573.8	3,564.7	3,480.3	10.8	13.5	-36.97	686.4	79.2	342.3	323.2	19.13	17.891	
3,700.0	3,673.0	3,663.2	3,574.4	11.2	14.1	-36.44	715.2	83.1	359.4	339.7	19.69	18.253	
3,800.0	3,772.1	3,761.6	3,668.5	11.5	14.7	-35.95	744.0	87.0	376.5	356.3	20.25	18.596	
3,900.0	3,871.2	3,860.1	3,762.6	11.8	15.2	-35.50	772.8	90.9	393.7	372.9	20.81	18.920	
4,000.0	3,970.3	3,958.6	3,856.7	12.1	15.8	-35.09	801.6	94.8	410.8	389.5	21.37	19.228	
4,100.0	4,069.5	4,057.1	3,950.7	12.5	16.4	-34.71	830.4	98.7	428.0	406.1	21.93	19.520	
4,200.0	4,168.6	4,155.5	4,044.8	12.8	17.0	-34.36	859.2	102.6	445.2	422.7	22.49	19.797	
4,300.0	4,267.7	4,254.0	4,138.9	13.1	17.5	-34.04	888.0	106.5	462.4	439.4	23.05	20.061	
4,400.0	4,366.8	4,352.5	4,233.0	13.5	18.1	-33.74	916.8	110.3	479.7	456.1	23.62	20.312	
4,455.4	4,421.8	4,407.1	4,285.2	13.6	18.4	-33.59	932.8	112.5	489.2	465.3	23.93	20.446	
4,500.0	4,466.0	4,450.9	4,327.0	13.8	18.7	-33.53	945.6	114.2	497.2	473.0	24.16	20.580	
4,600.0	4,565.5	4,548.8	4,420.6	14.0	19.3	-33.30	974.3	118.1	517.2	492.6	24.60	21.023	
4,700.0	4,665.3	4,646.0	4,513.4	14.2	19.8	-32.92	1,002.7	122.0	540.0	515.1	24.98	21.619	
4,800.0	4,765.2	4,742.3	4,605.5	14.4	20.4	-32.43	1,030.9	125.8	565.8	540.5	25.30	22.366	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth J-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,834.8	4,800.0	4,775.6	4,637.3	14.4	20.6	-9.69	1,040.6	127.1	575.5	541.8	33.67	17.094	
4,900.0	4,865.2	4,837.9	4,696.8	14.5	21.0	-9.14	1,058.8	129.5	594.0	559.8	34.18	17.377	
5,000.0	4,965.2	4,933.5	4,788.1	14.7	21.5	-8.35	1,086.8	133.3	622.4	587.4	34.98	17.793	
5,100.0	5,065.2	5,029.0	4,879.4	14.8	22.1	-7.64	1,114.7	137.1	650.9	615.1	35.77	18.196	
5,200.0	5,165.2	5,124.5	4,970.7	15.0	22.6	-6.98	1,142.7	140.9	679.5	642.9	36.56	18.587	
5,300.0	5,265.2	5,220.1	5,062.0	15.1	23.2	-6.38	1,170.6	144.6	708.1	670.8	37.34	18.966	
5,400.0	5,365.2	5,315.6	5,153.2	15.3	23.8	-5.82	1,198.6	148.4	736.9	698.8	38.12	19.333	
5,500.0	5,465.2	5,411.2	5,244.5	15.5	24.3	-5.31	1,226.5	152.2	765.7	726.8	38.89	19.688	
5,600.0	5,565.2	5,506.7	5,335.8	15.6	24.9	-4.83	1,254.5	156.0	794.5	754.9	39.66	20.031	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth K-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

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	-0.85	75.0	-1.1	75.1				
100.0	100.0	100.0	100.0	0.1	0.1	-0.85	75.0	-1.1	75.1	74.8	0.22	333.938	
200.0	200.0	200.0	200.0	0.3	0.3	-0.85	75.0	-1.1	75.1	74.4	0.67	111.313	
300.0	300.0	300.0	300.0	0.6	0.6	-76.83	75.0	-1.1	74.7	73.6	1.12	66.942	
400.0	399.9	399.9	399.9	0.8	0.8	-79.80	75.0	-1.1	74.0	72.4	1.56	47.329	
500.0	499.7	499.7	499.7	1.0	1.0	-60.92	75.0	-1.1	71.9	69.9	2.02	35.520	
600.0	599.5	599.5	599.5	1.3	1.2	-51.58	75.0	-1.1	67.7	65.2	2.50	27.149	
700.0	699.0	699.0	699.0	1.5	1.5	-49.27	75.0	-1.1	61.7	58.7	2.97	20.733	
800.0	798.3	798.3	798.3	1.8	1.7	-52.62	75.0	-1.1	54.2	50.8	3.47	15.635	
815.1	813.4	813.4	813.4	1.8	1.7	-53.63	75.0	-1.1	53.0	49.5	3.55	14.961	
900.0	897.5	897.5	897.5	2.1	1.9	-64.56	75.0	-1.1	47.2	43.2	3.98	11.868	
1,000.0	996.6	996.6	996.6	2.4	2.1	-80.44	75.0	-1.1	43.2	38.7	4.50	9.589	
1,054.8	1,050.9	1,050.9	1,050.9	2.5	2.2	-90.00	75.0	-1.1	42.6	37.8	4.79	8.896	CC, ES
1,100.0	1,095.7	1,095.7	1,095.7	2.7	2.4	-97.91	75.0	-1.1	43.0	38.0	5.01	8.584	
1,200.0	1,194.8	1,194.8	1,194.8	3.0	2.6	-114.05	75.0	-1.1	46.7	41.2	5.47	8.537	
1,300.0	1,294.0	1,294.6	1,294.6	3.3	2.8	-125.53	76.6	-0.9	52.9	47.0	5.91	8.949	
1,400.0	1,393.1	1,395.1	1,395.0	3.6	3.0	-131.45	81.6	-0.1	59.1	52.7	6.37	9.271	
1,500.0	1,492.2	1,496.0	1,495.5	4.0	3.3	-133.54	90.2	1.1	63.9	57.1	6.86	9.319	
1,600.0	1,591.3	1,597.1	1,595.8	4.3	3.5	-132.74	102.2	2.9	67.1	59.7	7.39	9.077	
1,700.0	1,690.5	1,698.1	1,695.6	4.6	3.8	-129.38	117.8	5.2	68.7	60.7	7.98	8.606	
1,800.0	1,789.6	1,798.8	1,794.4	4.9	4.1	-123.49	136.7	8.1	69.3	60.6	8.65	8.005	
1,900.0	1,888.7	1,898.9	1,892.0	5.3	4.4	-115.00	158.9	11.4	69.8	60.3	9.41	7.410	
2,000.0	1,987.8	1,998.2	1,987.9	5.6	4.8	-104.15	184.3	15.2	71.7	61.4	10.25	6.994	
2,100.0	2,087.0	2,097.1	2,083.1	5.9	5.2	-93.24	210.8	19.1	76.2	65.2	11.05	6.898	SF
2,200.0	2,186.1	2,196.0	2,178.3	6.2	5.6	-83.84	237.3	23.0	83.3	71.5	11.77	7.073	
2,300.0	2,285.2	2,294.8	2,273.4	6.6	6.1	-76.05	263.8	27.0	92.2	79.8	12.41	7.426	
2,400.0	2,384.3	2,393.7	2,368.6	6.9	6.5	-69.71	290.4	30.9	102.5	89.5	13.00	7.884	
2,500.0	2,483.5	2,492.6	2,463.8	7.2	7.0	-64.57	316.9	34.9	113.8	100.3	13.55	8.399	
2,600.0	2,582.6	2,591.5	2,559.0	7.5	7.5	-60.38	343.4	38.8	125.9	111.8	14.09	8.937	
2,700.0	2,681.7	2,690.4	2,654.2	7.9	8.0	-56.93	369.9	42.8	138.5	123.9	14.61	9.479	
2,800.0	2,780.8	2,789.3	2,749.4	8.2	8.5	-54.07	396.4	46.7	151.6	136.4	15.14	10.013	
2,900.0	2,880.0	2,888.1	2,844.5	8.5	9.0	-51.66	422.9	50.7	164.9	149.2	15.66	10.532	
3,000.0	2,979.1	2,987.0	2,939.7	8.9	9.5	-49.61	449.4	54.6	178.5	162.3	16.18	11.031	
3,100.0	3,078.2	3,085.9	3,034.9	9.2	10.0	-47.86	476.0	58.6	192.3	175.6	16.71	11.509	
3,200.0	3,177.3	3,184.8	3,130.1	9.5	10.5	-46.34	502.5	62.5	206.2	189.0	17.24	11.965	
3,300.0	3,276.5	3,283.7	3,225.3	9.8	11.1	-45.01	529.0	66.5	220.3	202.5	17.77	12.398	
3,400.0	3,375.6	3,382.6	3,320.4	10.2	11.6	-43.84	555.5	70.4	234.5	216.2	18.30	12.811	
3,500.0	3,474.7	3,481.4	3,415.6	10.5	12.1	-42.81	582.0	74.4	248.7	229.9	18.84	13.202	
3,600.0	3,573.8	3,580.3	3,510.8	10.8	12.6	-41.89	608.5	78.3	263.1	243.7	19.38	13.575	
3,700.0	3,673.0	3,679.2	3,606.0	11.2	13.2	-41.06	635.0	82.3	277.5	257.5	19.92	13.928	
3,800.0	3,772.1	3,778.1	3,701.2	11.5	13.7	-40.31	661.6	86.2	291.9	271.4	20.46	14.264	
3,900.0	3,871.2	3,877.0	3,796.4	11.8	14.2	-39.64	688.1	90.2	306.4	285.4	21.01	14.584	
4,000.0	3,970.3	3,975.9	3,891.5	12.1	14.7	-39.03	714.6	94.1	320.9	299.3	21.55	14.888	
4,100.0	4,069.5	4,074.8	3,986.7	12.5	15.3	-38.46	741.1	98.0	335.5	313.3	22.10	15.177	
4,200.0	4,168.6	4,173.6	4,081.9	12.8	15.8	-37.95	767.6	102.0	350.0	327.4	22.65	15.453	
4,300.0	4,267.7	4,272.5	4,177.1	13.1	16.3	-37.48	794.1	105.9	364.6	341.4	23.20	15.716	
4,400.0	4,366.8	4,371.4	4,272.3	13.5	16.9	-37.04	820.6	109.9	379.3	355.5	23.75	15.967	
4,455.4	4,421.8	4,426.2	4,325.0	13.6	17.2	-36.81	835.3	112.1	387.4	363.3	24.06	16.101	
4,500.0	4,466.0	4,470.2	4,367.4	13.8	17.4	-36.69	847.1	113.8	394.2	369.9	24.29	16.231	
4,600.0	4,565.5	4,568.6	4,462.1	14.0	17.9	-36.25	873.5	117.8	411.5	386.8	24.71	16.651	
4,700.0	4,665.3	4,666.4	4,556.2	14.2	18.5	-35.62	899.7	121.7	431.6	406.6	25.07	17.218	
4,800.0	4,765.2	4,763.4	4,649.5	14.4	19.0	-34.84	925.7	125.5	454.7	429.3	25.36	17.928	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth K-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,834.8	4,800.0	4,796.9	4,681.8	14.4	19.2	-12.00	934.7	126.9	463.3	431.3	32.02	14.471	
4,900.0	4,865.2	4,859.7	4,742.2	14.5	19.5	-11.26	951.6	129.4	480.0	447.5	32.53	14.756	
5,000.0	4,965.2	4,955.9	4,834.9	14.7	20.0	-10.23	977.4	133.2	505.7	472.4	33.32	15.178	
5,100.0	5,065.2	5,052.2	4,927.5	14.8	20.6	-9.30	1,003.2	137.1	531.6	497.5	34.10	15.590	
5,200.0	5,165.2	5,148.4	5,020.2	15.0	21.1	-8.45	1,029.0	140.9	557.5	522.7	34.87	15.990	
5,300.0	5,265.2	5,244.7	5,112.8	15.1	21.6	-7.68	1,054.8	144.7	583.6	548.0	35.63	16.380	
5,400.0	5,365.2	5,340.9	5,205.5	15.3	22.1	-6.97	1,080.6	148.6	609.8	573.4	36.39	16.758	
5,500.0	5,465.2	5,437.2	5,298.1	15.5	22.7	-6.32	1,106.4	152.4	636.0	598.9	37.14	17.126	
5,600.0	5,565.2	5,533.5	5,390.8	15.6	23.2	-5.72	1,132.2	156.3	662.3	624.4	37.88	17.482	
5,700.0	5,665.2	5,629.7	5,483.4	15.8	23.7	-5.17	1,158.0	160.1	688.7	650.0	38.63	17.828	
5,800.0	5,765.2	5,726.0	5,576.1	16.0	24.2	-4.66	1,183.8	164.0	715.1	675.7	39.37	18.164	
5,900.0	5,865.2	5,822.2	5,668.7	16.2	24.8	-4.19	1,209.7	167.8	741.6	701.5	40.11	18.489	
6,000.0	5,965.2	5,918.5	5,761.4	16.3	25.3	-3.74	1,235.5	171.6	768.1	727.2	40.85	18.805	
6,100.0	6,065.2	6,014.7	5,854.1	16.5	25.8	-3.33	1,261.3	175.5	794.6	753.1	41.58	19.111	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth L-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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	-0.80	60.1	-0.8	60.1				
100.0	100.0	100.0	100.0	0.1	0.1	-0.80	60.1	-0.8	60.1	59.9	0.22	267.471	
200.0	200.0	200.0	200.0	0.3	0.3	-0.80	60.1	-0.8	60.1	59.4	0.67	89.157	
300.0	300.0	300.0	300.0	0.6	0.6	-77.02	60.1	-0.8	59.8	58.7	1.12	53.565	
400.0	399.9	399.9	399.9	0.8	0.8	-80.74	60.1	-0.8	59.1	57.5	1.56	37.797	
500.0	499.7	499.7	499.7	1.0	1.0	-62.98	60.1	-0.8	57.2	55.1	2.02	28.241	
600.0	599.5	599.5	599.5	1.3	1.2	-55.16	60.1	-0.8	53.3	50.8	2.49	21.366	
700.0	699.0	699.0	699.0	1.5	1.5	-55.16	60.1	-0.8	47.8	44.8	2.97	16.084	
800.0	798.3	798.3	798.3	1.8	1.7	-62.30	60.1	-0.8	41.7	38.2	3.47	12.011	
815.1	813.4	813.4	813.4	1.8	1.7	-64.07	60.1	-0.8	40.8	37.2	3.54	11.499	
900.0	897.5	897.5	897.5	2.1	1.9	-79.65	60.1	-0.8	37.2	33.2	3.98	9.358	
951.1	948.1	948.1	948.1	2.2	2.0	-90.00	60.1	-0.8	36.6	32.4	4.23	8.641	CC, ES
1,000.0	996.6	996.6	996.6	2.4	2.1	-99.92	60.1	-0.8	37.2	32.7	4.47	8.309	
1,100.0	1,095.7	1,095.7	1,095.7	2.7	2.4	-118.03	60.1	-0.8	41.5	36.6	4.93	8.427	
1,200.0	1,194.8	1,194.8	1,194.8	3.0	2.6	-131.67	60.1	-0.8	49.2	43.8	5.36	9.172	
1,300.0	1,294.0	1,294.0	1,294.0	3.3	2.8	-141.29	60.1	-0.8	58.8	53.0	5.79	10.155	
1,400.0	1,393.1	1,394.7	1,394.7	3.6	3.0	-147.25	61.7	-0.6	68.6	62.3	6.24	10.995	
1,500.0	1,492.2	1,496.2	1,496.0	4.0	3.3	-149.94	66.7	0.3	76.2	69.5	6.70	11.384	
1,600.0	1,591.3	1,598.1	1,597.6	4.3	3.5	-150.46	75.4	1.7	81.4	74.2	7.18	11.340	
1,700.0	1,690.5	1,700.2	1,698.9	4.6	3.7	-149.26	87.6	3.7	84.0	76.3	7.69	10.922	
1,800.0	1,789.6	1,802.2	1,799.7	4.9	4.0	-146.38	103.4	6.4	84.1	75.9	8.24	10.206	
1,900.0	1,888.7	1,903.9	1,899.5	5.3	4.3	-141.62	122.7	9.6	82.1	73.3	8.86	9.275	
2,000.0	1,987.8	2,005.0	1,998.0	5.6	4.6	-134.53	145.3	13.3	78.9	69.3	9.58	8.233	
2,100.0	2,087.0	2,104.8	2,094.4	5.9	5.0	-125.05	170.3	17.5	75.7	65.3	10.43	7.259	
2,191.8	2,178.0	2,195.7	2,182.2	6.2	5.4	-115.71	193.5	21.3	74.7	63.4	11.26	6.630	
2,200.0	2,186.1	2,203.8	2,190.1	6.2	5.4	-114.87	195.6	21.7	74.7	63.3	11.34	6.586	
2,300.0	2,285.2	2,302.9	2,285.8	6.6	5.8	-104.75	220.8	25.9	76.1	63.8	12.24	6.215	
2,400.0	2,384.3	2,402.0	2,381.6	6.9	6.2	-95.27	246.0	30.1	79.8	66.7	13.08	6.099	SF
2,500.0	2,483.5	2,501.1	2,477.3	7.2	6.7	-86.83	271.2	34.3	85.5	71.6	13.82	6.181	
2,600.0	2,582.6	2,600.2	2,573.0	7.5	7.1	-79.56	296.4	38.5	92.8	78.3	14.48	6.405	
2,700.0	2,681.7	2,699.3	2,668.7	7.9	7.6	-73.42	321.7	42.6	101.4	86.3	15.08	6.721	
2,800.0	2,780.8	2,798.4	2,764.5	8.2	8.1	-68.28	346.9	46.8	110.9	95.3	15.63	7.096	
2,900.0	2,880.0	2,897.4	2,860.2	8.5	8.6	-63.98	372.1	51.0	121.2	105.1	16.16	7.503	
3,000.0	2,979.1	2,996.5	2,955.9	8.9	9.0	-60.37	397.3	55.2	132.1	115.5	16.67	7.925	
3,100.0	3,078.2	3,095.6	3,051.7	9.2	9.5	-57.31	422.5	59.4	143.5	126.3	17.18	8.351	
3,200.0	3,177.3	3,194.7	3,147.4	9.5	10.0	-54.70	447.7	63.6	155.1	137.5	17.68	8.773	
3,300.0	3,276.5	3,293.8	3,243.1	9.8	10.5	-52.47	473.0	67.8	167.1	148.9	18.19	9.186	
3,400.0	3,375.6	3,392.9	3,338.9	10.2	11.0	-50.53	498.2	72.0	179.3	160.6	18.70	9.587	
3,500.0	3,474.7	3,492.0	3,434.6	10.5	11.5	-48.84	523.4	76.2	191.6	172.4	19.21	9.975	
3,600.0	3,573.8	3,591.0	3,530.3	10.8	12.0	-47.35	548.6	80.4	204.1	184.4	19.72	10.348	
3,700.0	3,673.0	3,690.1	3,626.1	11.2	12.5	-46.04	573.8	84.6	216.7	196.5	20.24	10.707	
3,800.0	3,772.1	3,789.2	3,721.8	11.5	13.0	-44.87	599.1	88.8	229.4	208.7	20.76	11.051	
3,900.0	3,871.2	3,888.3	3,817.5	11.8	13.5	-43.82	624.3	93.0	242.2	220.9	21.28	11.380	
4,000.0	3,970.3	3,987.4	3,913.3	12.1	14.0	-42.88	649.5	97.2	255.1	233.3	21.81	11.696	
4,100.0	4,069.5	4,086.5	4,009.0	12.5	14.5	-42.03	674.7	101.3	268.0	245.7	22.34	11.998	
4,200.0	4,168.6	4,185.6	4,104.7	12.8	15.0	-41.26	699.9	105.5	281.0	258.1	22.87	12.287	
4,300.0	4,267.7	4,284.6	4,200.5	13.1	15.6	-40.55	725.1	109.7	294.0	270.6	23.40	12.564	
4,400.0	4,366.8	4,383.7	4,296.2	13.5	16.1	-39.91	750.4	113.9	307.1	283.1	23.94	12.829	
4,455.4	4,421.8	4,438.7	4,349.3	13.6	16.3	-39.58	764.3	116.2	314.3	290.1	24.23	12.971	
4,500.0	4,466.0	4,482.8	4,391.9	13.8	16.6	-39.36	775.6	118.1	320.4	296.0	24.45	13.104	
4,600.0	4,565.5	4,581.4	4,487.2	14.0	17.1	-38.66	800.7	122.3	336.1	311.3	24.86	13.522	
4,700.0	4,665.3	4,679.4	4,581.9	14.2	17.6	-37.72	825.6	126.4	354.6	329.4	25.18	14.081	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth L-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,800.0	4,765.2	4,776.7	4,675.9	14.4	18.1	-36.62	850.4	130.6	376.0	350.5	25.44	14.779	
4,834.8	4,800.0	4,810.4	4,708.4	14.4	18.3	-13.65	858.9	132.0	384.1	353.2	30.92	12.420	
4,900.0	4,865.2	4,873.4	4,769.3	14.5	18.6	-12.71	875.0	134.6	399.7	368.2	31.45	12.710	
5,000.0	4,965.2	4,970.0	4,862.6	14.7	19.1	-11.40	899.6	138.7	423.8	391.6	32.24	13.144	
5,100.0	5,065.2	5,066.6	4,956.0	14.8	19.6	-10.23	924.2	142.8	448.1	415.1	33.03	13.568	
5,200.0	5,165.2	5,163.2	5,049.3	15.0	20.1	-9.18	948.8	146.9	472.6	438.8	33.80	13.983	
5,300.0	5,265.2	5,259.9	5,142.7	15.1	20.6	-8.23	973.3	151.0	497.2	462.6	34.56	14.388	
5,400.0	5,365.2	5,356.5	5,236.0	15.3	21.1	-7.38	997.9	155.1	521.9	486.6	35.31	14.782	
5,500.0	5,465.2	5,453.1	5,329.3	15.5	21.6	-6.60	1,022.5	159.2	546.7	510.6	36.05	15.166	
5,600.0	5,565.2	5,549.7	5,422.7	15.6	22.1	-5.88	1,047.1	163.3	571.6	534.8	36.79	15.539	
5,700.0	5,665.2	5,646.3	5,516.0	15.8	22.6	-5.23	1,071.7	167.3	596.6	559.1	37.52	15.901	
5,800.0	5,765.2	5,742.9	5,609.4	16.0	23.1	-4.63	1,096.3	171.4	621.6	583.4	38.24	16.254	
5,900.0	5,865.2	5,839.5	5,702.7	16.2	23.6	-4.07	1,120.9	175.5	646.7	607.8	38.97	16.596	
6,000.0	5,965.2	5,936.2	5,796.1	16.3	24.1	-3.56	1,145.5	179.6	671.9	632.2	39.69	16.928	
6,100.0	6,065.2	6,032.8	5,889.4	16.5	24.6	-3.08	1,170.1	183.7	697.1	656.7	40.41	17.250	
6,200.0	6,165.2	6,129.4	5,982.7	16.7	25.2	-2.64	1,194.7	187.8	722.3	681.2	41.13	17.563	
6,300.0	6,265.2	6,226.0	6,076.1	16.9	25.7	-2.23	1,219.2	191.9	747.6	705.8	41.84	17.867	
6,400.0	6,365.2	6,322.6	6,169.4	17.0	26.2	-1.84	1,243.8	196.0	772.9	730.4	42.56	18.162	
6,500.0	6,465.2	6,419.2	6,262.8	17.2	26.7	-1.48	1,268.4	200.1	798.3	755.0	43.27	18.448	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth M-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-1.06	45.2	-0.8	45.2				
100.0	100.0	100.0	100.0	0.1	0.1	-1.06	45.2	-0.8	45.2	45.0	0.22	201.041	
200.0	200.0	200.0	200.0	0.3	0.3	-1.06	45.2	-0.8	45.2	44.5	0.67	67.014	
300.0	300.0	300.0	300.0	0.6	0.6	-77.68	45.2	-0.8	44.9	43.8	1.12	40.204	
400.0	399.9	399.9	399.9	0.8	0.8	-82.67	45.2	-0.8	44.2	42.7	1.56	28.308	
500.0	499.7	499.7	499.7	1.0	1.0	-66.83	45.2	-0.8	42.6	40.6	2.02	21.062	
600.0	599.5	599.5	599.5	1.3	1.2	-61.71	45.2	-0.8	39.3	36.8	2.49	15.777	
700.0	699.0	699.0	699.0	1.5	1.5	-65.96	45.2	-0.8	35.0	32.1	2.97	11.806	
800.0	798.3	798.3	798.3	1.8	1.7	-79.53	45.2	-0.8	31.5	28.0	3.46	9.100	
815.1	813.4	813.4	813.4	1.8	1.7	-82.40	45.2	-0.8	31.1	27.6	3.53	8.820	
846.6	844.6	844.6	844.6	1.9	1.8	-90.00	45.2	-0.8	30.9	27.2	3.69	8.373	CC, ES
900.0	897.5	897.5	897.5	2.1	1.9	-102.75	45.2	-0.8	31.7	27.7	3.94	8.031	
1,000.0	996.6	996.6	996.6	2.4	2.1	-123.03	45.2	-0.8	36.9	32.5	4.40	8.392	
1,100.0	1,095.7	1,095.7	1,095.7	2.7	2.4	-137.05	45.2	-0.8	45.5	40.7	4.84	9.406	
1,200.0	1,194.8	1,194.8	1,194.8	3.0	2.6	-146.28	45.2	-0.8	55.9	50.7	5.28	10.596	
1,300.0	1,294.0	1,294.0	1,294.0	3.3	2.8	-152.51	45.2	-0.8	67.3	61.6	5.72	11.765	
1,400.0	1,393.1	1,393.1	1,393.1	3.6	3.0	-156.91	45.2	-0.8	79.3	73.1	6.17	12.847	
1,500.0	1,492.2	1,494.8	1,494.8	4.0	3.2	-159.72	46.7	-0.5	90.3	83.7	6.63	13.618	
1,600.0	1,591.3	1,597.4	1,597.2	4.3	3.5	-160.91	51.8	0.6	98.3	91.2	7.10	13.859	
1,700.0	1,690.5	1,700.4	1,699.9	4.6	3.7	-160.95	60.6	2.5	103.3	95.7	7.57	13.639	
1,800.0	1,789.6	1,803.7	1,802.3	4.9	4.0	-159.99	72.9	5.2	105.1	97.0	8.06	13.033	
1,900.0	1,888.7	1,906.8	1,904.2	5.3	4.2	-158.00	88.9	8.6	103.9	95.3	8.58	12.109	
2,000.0	1,987.8	2,009.0	2,004.4	5.6	4.5	-154.83	108.1	12.8	99.9	90.8	9.13	10.943	
2,100.0	2,087.0	2,108.7	2,102.0	5.9	4.8	-151.09	128.0	17.1	95.4	85.7	9.71	9.820	
2,200.0	2,186.1	2,208.4	2,199.7	6.2	5.2	-146.99	147.8	21.3	91.3	81.0	10.34	8.830	
2,300.0	2,285.2	2,308.1	2,297.3	6.6	5.5	-142.54	167.6	25.6	87.8	76.8	11.02	7.963	
2,400.0	2,384.3	2,407.8	2,394.9	6.9	5.9	-137.74	187.4	29.9	84.8	73.1	11.76	7.213	
2,500.0	2,483.5	2,507.5	2,492.5	7.2	6.2	-132.64	207.3	34.2	82.5	69.9	12.54	6.575	
2,600.0	2,582.6	2,607.2	2,590.1	7.5	6.6	-127.29	227.1	38.5	80.8	67.5	13.38	6.044	
2,700.0	2,681.7	2,706.8	2,687.7	7.9	7.0	-121.77	246.9	42.8	79.9	65.7	14.24	5.613	
2,769.7	2,750.8	2,776.4	2,755.7	8.1	7.3	-117.87	260.7	45.8	79.7	64.9	14.85	5.370	
2,800.0	2,780.8	2,806.5	2,785.3	8.2	7.4	-116.17	266.7	47.1	79.8	64.7	15.12	5.277	
2,900.0	2,880.0	2,906.2	2,882.9	8.5	7.8	-110.61	286.6	51.4	80.4	64.4	15.99	5.028	
3,000.0	2,979.1	3,005.9	2,980.5	8.9	8.2	-105.18	306.4	55.6	81.7	64.9	16.84	4.854	
3,100.0	3,078.2	3,105.6	3,078.1	9.2	8.6	-99.97	326.2	59.9	83.8	66.2	17.66	4.746	
3,200.0	3,177.3	3,205.3	3,175.7	9.5	9.0	-95.05	346.0	64.2	86.5	68.1	18.44	4.695	
3,300.0	3,276.5	3,305.0	3,273.3	9.8	9.4	-90.46	365.9	68.5	89.9	70.7	19.17	4.689	
3,400.0	3,375.6	3,404.7	3,371.0	10.2	9.8	-86.22	385.7	72.8	93.7	73.9	19.86	4.721	
3,500.0	3,474.7	3,504.4	3,468.6	10.5	10.2	-82.34	405.5	77.1	98.1	77.6	20.51	4.782	
3,600.0	3,573.8	3,604.1	3,566.2	10.8	10.6	-78.80	425.3	81.4	102.8	81.7	21.13	4.867	
3,700.0	3,673.0	3,703.8	3,663.8	11.2	11.0	-75.58	445.2	85.6	107.9	86.2	21.72	4.969	
3,800.0	3,772.1	3,803.5	3,761.4	11.5	11.4	-72.66	465.0	89.9	113.4	91.1	22.29	5.085	
3,900.0	3,871.2	3,903.2	3,859.0	11.8	11.9	-70.01	484.8	94.2	119.0	96.2	22.85	5.210	
4,000.0	3,970.3	4,002.9	3,956.6	12.1	12.3	-67.60	504.6	98.5	125.0	101.6	23.39	5.343	
4,100.0	4,069.5	4,102.6	4,054.2	12.5	12.7	-65.42	524.5	102.8	131.1	107.2	23.92	5.479	
4,200.0	4,168.6	4,202.3	4,151.8	12.8	13.1	-63.43	544.3	107.1	137.4	112.9	24.45	5.619	
4,300.0	4,267.7	4,301.9	4,249.4	13.1	13.6	-61.62	564.1	111.4	143.8	118.8	24.97	5.759	
4,400.0	4,366.8	4,401.6	4,347.0	13.5	14.0	-59.97	583.9	115.6	150.4	124.9	25.49	5.900	
4,455.4	4,421.8	4,456.9	4,401.2	13.6	14.2	-59.11	594.9	118.0	154.1	128.3	25.77	5.978	
4,500.0	4,466.0	4,501.3	4,444.6	13.8	14.4	-58.40	603.7	119.9	157.2	131.3	25.98	6.053	
4,600.0	4,565.5	4,600.7	4,542.0	14.0	14.8	-56.21	623.5	124.2	165.8	139.5	26.30	6.306	
4,700.0	4,665.3	4,699.7	4,638.9	14.2	15.2	-53.37	643.2	128.5	176.8	150.3	26.48	6.674	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth M-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,800.0	4,765.2	4,798.2	4,735.3	14.4	15.7	-50.12	662.8	132.7	190.3	163.8	26.55	7.169	
4,834.8	4,800.0	4,832.2	4,768.6	14.4	15.8	-26.38	669.6	134.2	195.7	168.7	27.05	7.234	
4,900.0	4,865.2	4,896.1	4,831.2	14.5	16.1	-24.10	682.3	136.9	206.3	178.6	27.69	7.452	
5,000.0	4,965.2	4,994.0	4,927.0	14.7	16.5	-21.03	701.7	141.1	223.2	194.5	28.62	7.797	
5,100.0	5,065.2	5,091.9	5,022.9	14.8	16.9	-18.38	721.2	145.3	240.5	211.0	29.50	8.155	
5,200.0	5,165.2	5,189.8	5,118.7	15.0	17.3	-16.10	740.7	149.5	258.3	228.0	30.33	8.519	
5,300.0	5,265.2	5,287.7	5,214.6	15.1	17.8	-14.11	760.1	153.7	276.5	245.4	31.12	8.885	
5,400.0	5,365.2	5,385.7	5,310.5	15.3	18.2	-12.36	779.6	158.0	295.0	263.1	31.88	9.251	
5,500.0	5,465.2	5,483.6	5,406.3	15.5	18.6	-10.82	799.1	162.2	313.6	281.0	32.62	9.614	
5,600.0	5,565.2	5,581.5	5,502.2	15.6	19.0	-9.45	818.5	166.4	332.5	299.2	33.34	9.973	
5,700.0	5,665.2	5,679.4	5,598.1	15.8	19.5	-8.23	838.0	170.6	351.6	317.5	34.05	10.326	
5,800.0	5,765.2	5,777.3	5,693.9	16.0	19.9	-7.14	857.5	174.8	370.7	336.0	34.74	10.673	
5,900.0	5,865.2	5,875.2	5,789.8	16.2	20.3	-6.15	877.0	179.0	390.0	354.6	35.42	11.013	
6,000.0	5,965.2	5,973.1	5,885.6	16.3	20.7	-5.26	896.4	183.2	409.4	373.3	36.09	11.345	
6,100.0	6,065.2	6,071.0	5,981.5	16.5	21.1	-4.44	915.9	187.4	428.9	392.2	36.75	11.670	
6,200.0	6,165.2	6,168.9	6,077.4	16.7	21.6	-3.70	935.4	191.6	448.5	411.1	37.41	11.988	
6,300.0	6,265.2	6,266.8	6,173.2	16.9	22.0	-3.02	954.8	195.8	468.1	430.0	38.06	12.298	
6,400.0	6,365.2	6,364.7	6,269.1	17.0	22.4	-2.39	974.3	200.1	487.8	449.1	38.71	12.600	
6,500.0	6,465.2	6,462.6	6,364.9	17.2	22.8	-1.81	993.8	204.3	507.5	468.2	39.36	12.895	
6,600.0	6,565.2	6,560.6	6,460.8	17.4	23.3	-1.28	1,013.2	208.5	527.3	487.3	40.00	13.182	
6,625.8	6,591.1	6,585.8	6,485.5	17.4	23.4	-1.15	1,018.3	209.6	532.4	492.3	40.17	13.255	
6,650.0	6,615.2	6,609.5	6,508.7	17.5	23.5	90.56	1,023.0	210.6	537.2	505.2	32.08	16.747	
6,700.0	6,665.0	6,658.0	6,556.2	17.5	23.7	90.23	1,032.6	212.7	547.2	514.9	32.32	16.931	
6,750.0	6,714.3	6,707.0	6,604.2	17.6	23.9	90.26	1,042.4	214.2	557.4	524.9	32.50	17.150	
6,800.0	6,762.6	6,757.6	6,653.8	17.6	24.1	90.34	1,052.3	211.8	567.5	534.9	32.64	17.388	
6,850.0	6,809.6	6,809.4	6,704.1	17.7	24.2	90.42	1,062.2	204.8	577.6	544.8	32.75	17.634	
6,900.0	6,854.9	6,862.3	6,754.6	17.7	24.4	90.48	1,072.0	192.8	587.5	554.7	32.86	17.882	
6,950.0	6,898.2	6,916.5	6,805.1	17.7	24.5	90.54	1,081.6	175.7	597.2	564.3	32.95	18.122	
7,000.0	6,939.2	6,971.9	6,855.0	17.7	24.7	90.59	1,090.8	153.3	606.6	573.5	33.07	18.343	
7,050.0	6,977.5	7,028.8	6,903.6	17.7	24.8	90.63	1,099.7	125.3	615.4	582.2	33.21	18.530	
7,100.0	7,012.9	7,087.0	6,950.4	17.7	24.9	90.67	1,108.0	91.8	623.8	590.4	33.42	18.664	
7,150.0	7,045.1	7,146.5	6,994.6	17.7	25.0	90.70	1,115.6	52.6	631.5	597.8	33.72	18.725	
7,200.0	7,073.8	7,207.4	7,035.5	17.7	25.1	90.71	1,122.3	8.0	638.4	604.3	34.16	18.691	
7,250.0	7,098.9	7,269.5	7,072.1	17.7	25.2	90.71	1,128.0	-41.7	644.5	609.8	34.77	18.538	
7,300.0	7,120.1	7,332.6	7,103.8	17.9	25.3	90.69	1,132.6	-96.1	649.7	614.2	35.57	18.266	
7,350.0	7,137.3	7,396.7	7,129.8	18.2	25.5	90.66	1,135.8	-154.5	653.9	617.3	36.59	17.874	
7,400.0	7,150.3	7,461.5	7,149.5	18.8	25.7	90.59	1,137.7	-216.2	657.1	619.2	37.84	17.364	
7,450.0	7,159.0	7,526.7	7,162.2	19.4	26.0	90.51	1,138.1	-280.1	659.1	619.8	39.31	16.767	
7,500.0	7,163.4	7,592.0	7,167.8	20.2	26.4	90.39	1,137.0	-345.2	660.0	619.1	40.96	16.114	
7,529.8	7,164.0	7,626.8	7,167.9	20.6	26.6	90.34	1,135.8	-379.9	660.1	618.1	41.97	15.729	
7,529.9	7,164.0	7,626.9	7,167.9	20.6	26.6	90.34	1,135.8	-380.0	660.1	618.1	41.97	15.728	
7,530.5	7,164.0	7,627.5	7,167.9	20.6	26.6	90.34	1,135.8	-380.6	660.1	618.1	41.99	15.721	
7,600.0	7,163.5	7,697.0	7,167.5	21.8	27.3	90.34	1,133.4	-450.0	660.1	615.8	44.29	14.903	
7,700.0	7,162.8	7,797.0	7,166.8	23.7	28.4	90.35	1,129.8	-550.0	660.1	612.1	47.99	13.755	
7,800.0	7,162.1	7,897.0	7,166.1	25.7	29.9	90.35	1,126.3	-649.9	660.1	608.0	52.02	12.688	
7,900.0	7,161.4	7,997.0	7,165.5	27.9	31.7	90.35	1,122.8	-749.8	660.1	603.7	56.33	11.718	
8,000.0	7,160.7	8,097.0	7,164.8	30.2	33.6	90.36	1,119.3	-849.8	660.0	599.2	60.84	10.848	
8,100.0	7,160.0	8,197.0	7,164.2	32.5	35.7	90.36	1,115.7	-949.7	660.0	594.5	65.53	10.072	
8,200.0	7,159.3	8,297.0	7,163.5	34.9	37.9	90.36	1,112.2	-1,049.7	660.0	589.7	70.35	9.382	
8,300.0	7,158.6	8,397.0	7,162.9	37.4	40.2	90.37	1,108.7	-1,149.6	660.0	584.7	75.28	8.768	
8,400.0	7,157.9	8,497.0	7,162.2	39.9	42.5	90.37	1,105.2	-1,249.5	660.0	579.7	80.30	8.220	
8,500.0	7,157.2	8,597.0	7,161.6	42.5	45.0	90.38	1,101.6	-1,349.5	660.0	574.6	85.39	7.730	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth M-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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
8,600.0	7,156.5	8,697.0	7,160.9	45.1	47.4	90.38	1,098.1	-1,449.4	660.0	569.5	90.54	7.290	
8,700.0	7,155.8	8,797.0	7,160.3	47.7	49.9	90.38	1,094.6	-1,549.3	660.0	564.3	95.74	6.893	
8,800.0	7,155.2	8,897.0	7,159.6	50.3	52.4	90.39	1,091.1	-1,649.3	660.0	559.0	100.99	6.535	
8,900.0	7,154.5	8,997.0	7,159.0	52.9	55.0	90.39	1,087.5	-1,749.2	660.0	553.7	106.27	6.210	
9,000.0	7,153.8	9,097.0	7,158.3	55.6	57.6	90.39	1,084.0	-1,849.1	660.0	548.4	111.59	5.915	
9,100.0	7,153.1	9,197.0	7,157.6	58.3	60.2	90.40	1,080.5	-1,949.1	660.0	543.0	116.93	5.644	
9,200.0	7,152.4	9,297.0	7,157.0	60.9	62.8	90.40	1,077.0	-2,049.0	660.0	537.7	122.29	5.397	
9,300.0	7,151.7	9,397.0	7,156.3	63.6	65.4	90.41	1,073.4	-2,148.9	659.9	532.3	127.68	5.169	
9,400.0	7,151.0	9,497.0	7,155.7	66.3	68.1	90.41	1,069.9	-2,248.9	659.9	526.9	133.08	4.959	
9,500.0	7,150.3	9,597.0	7,155.0	69.1	70.7	90.41	1,066.4	-2,348.8	659.9	521.4	138.50	4.765	
9,600.0	7,149.6	9,697.0	7,154.4	71.8	73.4	90.42	1,062.9	-2,448.7	659.9	516.0	143.94	4.585	
9,700.0	7,148.9	9,797.0	7,153.7	74.5	76.1	90.42	1,059.3	-2,548.7	659.9	510.5	149.38	4.418	
9,800.0	7,148.2	9,897.0	7,153.1	77.2	78.8	90.42	1,055.8	-2,648.6	659.9	505.1	154.84	4.262	
9,900.0	7,147.5	9,997.0	7,152.4	80.0	81.5	90.43	1,052.3	-2,748.6	659.9	499.6	160.31	4.116	
10,000.0	7,146.8	10,097.0	7,151.8	82.7	84.2	90.43	1,048.8	-2,848.5	659.9	494.1	165.79	3.980	
10,100.0	7,146.1	10,197.0	7,151.1	85.4	86.9	90.44	1,045.2	-2,948.4	659.9	488.6	171.27	3.853	
10,200.0	7,145.4	10,297.0	7,150.5	88.2	89.6	90.44	1,041.7	-3,048.4	659.9	483.1	176.77	3.733	
10,300.0	7,144.7	10,397.0	7,149.8	90.9	92.3	90.44	1,038.2	-3,148.3	659.9	477.6	182.27	3.620	
10,400.0	7,144.0	10,497.0	7,149.1	93.7	95.1	90.45	1,034.7	-3,248.2	659.9	472.1	187.77	3.514	
10,500.0	7,143.3	10,597.0	7,148.5	96.5	97.8	90.45	1,031.1	-3,348.2	659.9	466.6	193.28	3.414	
10,600.0	7,142.6	10,697.0	7,147.8	99.2	100.5	90.45	1,027.6	-3,448.1	659.9	461.1	198.80	3.319	
10,700.0	7,141.9	10,797.0	7,147.2	102.0	103.3	90.46	1,024.1	-3,548.0	659.8	455.5	204.32	3.229	
10,800.0	7,141.2	10,897.0	7,146.5	104.7	106.0	90.46	1,020.6	-3,648.0	659.8	450.0	209.85	3.144	
10,900.0	7,140.5	10,997.0	7,145.9	107.5	108.7	90.47	1,017.0	-3,747.9	659.8	444.5	215.38	3.064	
11,000.0	7,139.8	11,097.0	7,145.2	110.3	111.5	90.47	1,013.5	-3,847.8	659.8	438.9	220.92	2.987	
11,100.0	7,139.1	11,197.0	7,144.6	113.0	114.2	90.47	1,010.0	-3,947.8	659.8	433.4	226.45	2.914	
11,200.0	7,138.4	11,297.0	7,143.9	115.8	117.0	90.48	1,006.5	-4,047.7	659.8	427.8	232.00	2.844	
11,300.0	7,137.7	11,397.0	7,143.3	118.6	119.7	90.48	1,002.9	-4,147.7	659.8	422.3	237.54	2.778	
11,400.0	7,137.0	11,497.0	7,142.6	121.4	122.5	90.48	999.4	-4,247.6	659.8	416.7	243.09	2.714	
11,500.0	7,136.3	11,597.0	7,142.0	124.1	125.3	90.49	995.9	-4,347.5	659.8	411.2	248.64	2.654	
11,600.0	7,135.6	11,697.0	7,141.3	126.9	128.0	90.49	992.4	-4,447.5	659.8	405.6	254.19	2.596	
11,700.0	7,134.9	11,797.0	7,140.7	129.7	130.8	90.50	988.8	-4,547.4	659.8	400.0	259.74	2.540	
11,800.0	7,134.2	11,897.0	7,140.0	132.5	133.5	90.50	985.3	-4,647.3	659.8	394.5	265.30	2.487	
11,900.0	7,133.6	11,997.0	7,139.3	135.3	136.3	90.50	981.8	-4,747.3	659.8	388.9	270.86	2.436	
12,000.0	7,132.9	12,097.0	7,138.7	138.0	139.1	90.51	978.3	-4,847.2	659.8	383.3	276.42	2.387	
12,100.0	7,132.2	12,197.0	7,138.0	140.8	141.9	90.51	974.7	-4,947.1	659.7	377.8	281.98	2.340	
12,200.0	7,131.5	12,297.0	7,137.4	143.6	144.6	90.51	971.2	-5,047.1	659.7	372.2	287.55	2.294	
12,300.0	7,130.8	12,397.0	7,136.7	146.4	147.4	90.52	967.7	-5,147.0	659.7	366.6	293.11	2.251	
12,400.0	7,130.1	12,497.0	7,136.1	149.2	150.2	90.52	964.2	-5,246.9	659.7	361.0	298.68	2.209	
12,500.0	7,129.4	12,597.0	7,135.4	152.0	152.9	90.53	960.6	-5,346.9	659.7	355.5	304.25	2.168	
12,600.0	7,128.7	12,697.0	7,134.8	154.7	155.7	90.53	957.1	-5,446.8	659.7	349.9	309.82	2.129	
12,700.0	7,128.0	12,797.0	7,134.1	157.5	158.5	90.53	953.6	-5,546.8	659.7	344.3	315.39	2.092	
12,800.0	7,127.3	12,897.0	7,133.5	160.3	161.3	90.54	950.1	-5,646.7	659.7	338.7	320.96	2.055	
12,900.0	7,126.6	12,997.0	7,132.8	163.1	164.0	90.54	946.5	-5,746.6	659.7	333.2	326.53	2.020	
13,000.0	7,125.9	13,097.0	7,132.2	165.9	166.8	90.54	943.0	-5,846.6	659.7	327.6	332.11	1.986	
13,100.0	7,125.2	13,197.0	7,131.5	168.7	169.6	90.55	939.5	-5,946.5	659.7	322.0	337.68	1.954	
13,200.0	7,124.5	13,297.0	7,130.8	171.5	172.4	90.55	936.0	-6,046.4	659.7	316.4	343.26	1.922	
13,300.0	7,123.8	13,397.0	7,130.2	174.3	175.2	90.56	932.4	-6,146.4	659.7	310.8	348.84	1.891	
13,400.0	7,123.1	13,497.0	7,129.5	177.0	177.9	90.56	928.9	-6,246.3	659.7	305.2	354.41	1.861	
13,500.0	7,122.4	13,597.0	7,128.9	179.8	180.7	90.56	925.4	-6,346.2	659.6	299.7	359.99	1.832	
13,600.0	7,121.7	13,697.0	7,128.2	182.6	183.5	90.57	921.9	-6,446.2	659.6	294.1	365.57	1.804	
13,700.0	7,121.0	13,797.0	7,127.6	185.4	186.3	90.57	918.3	-6,546.1	659.6	288.5	371.15	1.777	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth M-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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
13,800.0	7,120.3	13,897.0	7,126.9	188.2	189.1	90.57	914.8	-6,646.0	659.6	282.9	376.74	1.751	
13,900.0	7,119.6	13,997.0	7,126.3	191.0	191.9	90.58	911.3	-6,746.0	659.6	277.3	382.32	1.725	
14,000.0	7,118.9	14,097.0	7,125.6	193.8	194.6	90.58	907.8	-6,845.9	659.6	271.7	387.90	1.700	
14,100.0	7,118.2	14,197.0	7,125.0	196.6	197.4	90.59	904.2	-6,945.9	659.6	266.1	393.48	1.676	
14,200.0	7,117.5	14,297.0	7,124.3	199.4	200.2	90.59	900.7	-7,045.8	659.6	260.5	399.07	1.653	
14,300.0	7,116.8	14,397.0	7,123.7	202.2	203.0	90.59	897.2	-7,145.7	659.6	254.9	404.65	1.630	
14,400.0	7,116.1	14,497.0	7,123.0	205.0	205.8	90.60	893.7	-7,245.7	659.6	249.3	410.24	1.608	
14,400.4	7,116.1	14,497.3	7,123.0	205.0	205.8	90.60	893.7	-7,246.0	659.6	249.3	410.26	1.608	
14,418.8	7,116.0	14,497.3	7,123.0	205.5	205.8	90.60	893.7	-7,246.0	659.8	249.1	410.77	1.606	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth N-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-1.05	30.2	-0.6	30.2				
100.0	100.0	100.0	100.0	0.1	0.1	-1.05	30.2	-0.6	30.2	30.0	0.22	134.556	
200.0	200.0	200.0	200.0	0.3	0.3	-1.05	30.2	-0.6	30.2	29.6	0.67	44.852	
300.0	300.0	300.0	300.0	0.6	0.6	-78.49	30.2	-0.6	30.0	28.8	1.12	26.830	
400.0	399.9	399.9	399.9	0.8	0.8	-86.00	30.2	-0.6	29.4	27.9	1.56	18.841	
500.0	499.7	499.7	499.7	1.0	1.0	-74.06	30.2	-0.6	28.3	26.3	2.02	14.017	
600.0	599.5	599.5	599.5	1.3	1.2	-74.55	30.2	-0.6	26.2	23.7	2.48	10.546	
700.0	699.0	699.0	699.0	1.5	1.5	-86.77	30.2	-0.6	24.6	21.6	2.95	8.314	
717.6	716.6	716.6	716.6	1.6	1.5	-90.00	30.2	-0.6	24.5	21.5	3.04	8.065	CC, ES
800.0	798.3	798.3	798.3	1.8	1.7	-107.46	30.2	-0.6	26.0	22.6	3.42	7.590	
815.1	813.4	813.4	813.4	1.8	1.7	-110.80	30.2	-0.6	26.6	23.2	3.50	7.623	
900.0	897.5	897.5	897.5	2.1	1.9	-129.56	30.2	-0.6	32.4	28.5	3.89	8.337	
1,000.0	996.6	996.6	996.6	2.4	2.1	-143.51	30.2	-0.6	42.1	37.7	4.33	9.709	
1,100.0	1,095.7	1,095.7	1,095.7	2.7	2.4	-151.97	30.2	-0.6	53.3	48.5	4.78	11.143	
1,200.0	1,194.8	1,194.8	1,194.8	3.0	2.6	-157.41	30.2	-0.6	65.3	60.0	5.24	12.468	
1,300.0	1,294.0	1,294.0	1,294.0	3.3	2.8	-161.15	30.2	-0.6	77.6	72.0	5.69	13.648	
1,400.0	1,393.1	1,393.1	1,393.1	3.6	3.0	-163.86	30.2	-0.6	90.2	84.1	6.14	14.687	
1,500.0	1,492.2	1,492.2	1,492.2	4.0	3.2	-165.90	30.2	-0.6	103.0	96.4	6.60	15.602	
1,600.0	1,591.3	1,594.9	1,594.9	4.3	3.5	-167.26	31.8	-0.2	114.4	107.4	7.07	16.197	
1,700.0	1,690.5	1,698.6	1,698.4	4.6	3.7	-167.78	36.9	1.1	122.6	115.0	7.53	16.271	
1,800.0	1,789.6	1,802.7	1,802.2	4.9	3.9	-167.65	45.7	3.3	127.3	119.3	8.01	15.900	
1,900.0	1,888.7	1,907.1	1,905.7	5.3	4.2	-166.92	58.2	6.5	128.7	120.2	8.49	15.154	
2,000.0	1,987.8	2,011.3	2,008.6	5.6	4.5	-165.57	74.4	10.5	126.7	117.7	8.99	14.096	
2,100.0	2,087.0	2,111.2	2,106.9	5.9	4.7	-163.88	91.6	14.9	123.1	113.6	9.49	12.976	
2,200.0	2,186.1	2,211.0	2,205.2	6.2	5.0	-162.10	108.8	19.2	119.7	109.7	10.00	11.965	
2,300.0	2,285.2	2,310.9	2,303.4	6.6	5.3	-160.21	126.0	23.5	116.3	105.8	10.53	11.047	
2,400.0	2,384.3	2,410.8	2,401.7	6.9	5.7	-158.21	143.2	27.8	113.1	102.0	11.08	10.213	
2,500.0	2,483.5	2,510.6	2,500.0	7.2	6.0	-156.10	160.3	32.2	110.1	98.4	11.64	9.454	
2,600.0	2,582.6	2,610.5	2,598.3	7.5	6.3	-153.87	177.5	36.5	107.1	94.9	12.23	8.763	
2,700.0	2,681.7	2,710.4	2,696.6	7.9	6.7	-151.52	194.7	40.8	104.4	91.6	12.84	8.132	
2,800.0	2,780.8	2,810.2	2,794.8	8.2	7.0	-149.05	211.9	45.1	101.9	88.4	13.48	7.559	
2,900.0	2,880.0	2,910.1	2,893.1	8.5	7.4	-146.46	229.1	49.5	99.5	85.4	14.14	7.037	
3,000.0	2,979.1	3,010.0	2,991.4	8.9	7.7	-143.75	246.3	53.8	97.4	82.5	14.84	6.564	
3,100.0	3,078.2	3,109.9	3,089.7	9.2	8.1	-140.93	263.5	58.1	95.5	79.9	15.56	6.136	
3,200.0	3,177.3	3,209.7	3,188.0	9.5	8.4	-137.99	280.7	62.4	93.8	77.5	16.31	5.750	
3,300.0	3,276.5	3,309.6	3,286.3	9.8	8.8	-134.96	297.9	66.8	92.4	75.3	17.10	5.405	
3,400.0	3,375.6	3,409.5	3,384.5	10.2	9.2	-131.85	315.1	71.1	91.3	73.4	17.90	5.097	
3,500.0	3,474.7	3,509.3	3,482.8	10.5	9.5	-128.66	332.3	75.4	90.4	71.7	18.73	4.826	
3,600.0	3,573.8	3,609.2	3,581.1	10.8	9.9	-125.43	349.5	79.7	89.8	70.2	19.57	4.588	
3,700.0	3,673.0	3,709.1	3,679.4	11.2	10.3	-122.16	366.7	84.0	89.5	69.1	20.43	4.381	
3,749.7	3,722.2	3,758.7	3,728.2	11.3	10.5	-120.53	375.2	86.2	89.5	68.6	20.86	4.290	
3,800.0	3,772.1	3,808.9	3,777.7	11.5	10.7	-118.88	383.9	88.4	89.5	68.2	21.29	4.204	
3,900.0	3,871.2	3,908.8	3,875.9	11.8	11.0	-115.62	401.1	92.7	89.8	67.7	22.15	4.054	
4,000.0	3,970.3	4,008.7	3,974.2	12.1	11.4	-112.38	418.3	97.0	90.4	67.4	23.01	3.928	
4,100.0	4,069.5	4,108.5	4,072.5	12.5	11.8	-109.20	435.5	101.3	91.3	67.4	23.85	3.826	
4,200.0	4,168.6	4,208.4	4,170.8	12.8	12.2	-106.08	452.7	105.7	92.4	67.7	24.68	3.744	
4,300.0	4,267.7	4,308.3	4,269.1	13.1	12.6	-103.05	469.9	110.0	93.8	68.3	25.49	3.680	
4,400.0	4,366.8	4,408.1	4,367.4	13.5	13.0	-100.12	487.1	114.3	95.5	69.2	26.28	3.634	
4,455.4	4,421.8	4,463.5	4,421.8	13.6	13.2	-98.54	496.6	116.7	96.5	69.8	26.71	3.614	
4,500.0	4,466.0	4,508.0	4,465.6	13.8	13.3	-97.11	504.3	118.6	97.4	70.3	27.03	3.602	
4,600.0	4,565.5	4,607.7	4,563.7	14.0	13.7	-92.56	521.4	123.0	99.3	71.6	27.67	3.588	
4,700.0	4,665.3	4,707.0	4,661.5	14.2	14.1	-86.30	538.5	127.3	102.0	73.9	28.18	3.621	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth N-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,800.0	4,765.2	4,805.9	4,758.8	14.4	14.5	-78.68	555.5	131.5	106.6	78.2	28.44	3.748	
4,834.8	4,800.0	4,840.1	4,792.5	14.4	14.6	-53.26	561.4	133.0	108.8	85.5	23.28	4.675	
4,900.0	4,865.2	4,904.3	4,855.7	14.5	14.9	-47.93	572.5	135.8	113.8	89.8	24.03	4.736	
5,000.0	4,965.2	5,002.7	4,952.5	14.7	15.2	-40.70	589.4	140.1	123.3	98.0	25.26	4.879	
5,100.0	5,065.2	5,101.1	5,049.3	14.8	15.6	-34.56	606.4	144.3	134.4	107.9	26.46	5.079	
5,200.0	5,165.2	5,199.6	5,146.2	15.0	16.0	-29.39	623.3	148.6	146.8	119.2	27.57	5.324	
5,300.0	5,265.2	5,298.0	5,243.0	15.1	16.4	-25.04	640.3	152.8	160.2	131.6	28.60	5.602	
5,400.0	5,365.2	5,396.4	5,339.9	15.3	16.8	-21.37	657.2	157.1	174.4	144.9	29.55	5.902	
5,500.0	5,465.2	5,494.8	5,436.7	15.5	17.2	-18.27	674.2	161.4	189.2	158.8	30.43	6.218	
5,600.0	5,565.2	5,593.2	5,533.6	15.6	17.5	-15.61	691.1	165.6	204.5	173.3	31.26	6.543	
5,700.0	5,665.2	5,691.6	5,630.4	15.8	17.9	-13.33	708.1	169.9	220.2	188.1	32.04	6.872	
5,800.0	5,765.2	5,790.0	5,727.3	16.0	18.3	-11.35	725.0	174.1	236.1	203.3	32.78	7.203	
5,900.0	5,865.2	5,888.4	5,824.1	16.2	18.7	-9.62	741.9	178.4	252.3	218.8	33.50	7.533	
6,000.0	5,965.2	5,986.8	5,921.0	16.3	19.1	-8.10	758.9	182.7	268.7	234.5	34.19	7.860	
6,100.0	6,065.2	6,085.3	6,017.8	16.5	19.5	-6.75	775.8	186.9	285.2	250.4	34.86	8.183	
6,200.0	6,165.2	6,183.7	6,114.7	16.7	19.8	-5.55	792.8	191.2	301.9	266.4	35.52	8.501	
6,300.0	6,265.2	6,282.1	6,211.5	16.9	20.2	-4.48	809.7	195.4	318.7	282.6	36.17	8.813	
6,400.0	6,365.2	6,380.5	6,308.4	17.0	20.6	-3.52	826.7	199.7	335.6	298.8	36.80	9.120	
6,500.0	6,465.2	6,478.9	6,405.2	17.2	21.0	-2.64	843.6	204.0	352.6	315.2	37.43	9.421	
6,600.0	6,565.2	6,577.3	6,502.1	17.4	21.4	-1.85	860.6	208.2	369.7	331.6	38.05	9.715	
6,625.8	6,591.1	6,602.7	6,527.1	17.4	21.5	-1.66	864.9	209.3	374.1	335.9	38.21	9.790	
6,650.0	6,615.2	6,626.5	6,550.5	17.5	21.6	90.19	869.0	210.4	378.2	346.4	31.82	11.886	
6,700.0	6,665.0	6,675.3	6,598.5	17.5	21.8	90.30	877.4	212.5	386.9	354.9	32.01	12.084	
6,750.0	6,714.3	6,723.3	6,645.7	17.6	22.0	90.95	885.7	214.5	395.7	363.6	32.13	12.317	
6,800.0	6,762.6	6,772.3	6,694.0	17.6	22.1	91.99	894.1	215.7	405.0	372.8	32.18	12.586	
6,850.0	6,809.6	6,823.3	6,744.1	17.7	22.3	93.03	902.7	212.6	414.5	382.3	32.20	12.872	
6,900.0	6,854.9	6,875.8	6,795.3	17.7	22.4	94.02	911.3	204.8	424.1	391.9	32.22	13.164	
6,950.0	6,898.2	6,929.9	6,847.1	17.7	22.6	94.95	919.8	191.7	433.8	401.6	32.24	13.455	
7,000.0	6,939.2	6,985.8	6,899.1	17.7	22.7	95.82	928.2	173.1	443.4	411.2	32.28	13.736	
7,050.0	6,977.5	7,043.6	6,950.8	17.7	22.8	96.64	936.3	148.6	452.8	420.4	32.36	13.993	
7,100.0	7,012.9	7,103.2	7,001.3	17.7	22.9	97.39	944.1	117.9	461.8	429.3	32.49	14.213	
7,150.0	7,045.1	7,164.9	7,050.0	17.7	23.0	98.07	951.2	80.8	470.2	437.5	32.71	14.375	
7,200.0	7,073.8	7,228.6	7,095.8	17.7	23.1	98.67	957.7	37.1	478.0	445.0	33.05	14.462	
7,250.0	7,098.9	7,294.1	7,137.8	17.7	23.2	99.19	963.3	-12.9	485.0	451.4	33.55	14.456	
7,300.0	7,120.1	7,361.5	7,174.8	17.9	23.3	99.62	967.8	-69.0	491.0	456.7	34.24	14.338	
7,350.0	7,137.3	7,430.4	7,205.7	18.2	23.4	99.94	971.0	-130.4	495.8	460.7	35.16	14.101	
7,400.0	7,150.3	7,500.6	7,229.4	18.8	23.7	100.16	972.9	-196.3	499.5	463.2	36.32	13.754	
7,450.0	7,159.0	7,571.6	7,245.2	19.4	24.0	100.26	973.3	-265.5	501.9	464.2	37.73	13.303	
7,500.0	7,163.4	7,643.0	7,252.5	20.2	24.5	100.23	972.1	-336.6	503.0	463.6	39.34	12.785	
7,529.8	7,164.0	7,681.1	7,252.9	20.6	24.8	100.18	970.9	-374.6	503.0	462.7	40.32	12.475	
7,529.9	7,164.0	7,681.2	7,252.9	20.6	24.8	100.18	970.9	-374.7	503.0	462.7	40.32	12.474	
7,530.5	7,164.0	7,681.8	7,252.9	20.6	24.8	100.18	970.9	-375.3	503.0	462.6	40.34	12.468	
7,600.0	7,163.5	7,751.3	7,252.5	21.8	25.6	100.19	968.4	-444.7	503.0	460.3	42.65	11.793	
7,700.0	7,162.8	7,851.3	7,251.9	23.7	27.0	100.20	964.9	-544.7	503.0	456.7	46.30	10.865	
7,800.0	7,162.1	7,951.3	7,251.2	25.7	28.7	100.21	961.4	-644.6	503.0	452.7	50.29	10.003	
7,900.0	7,161.4	8,051.3	7,250.6	27.9	30.6	100.21	957.9	-744.5	503.0	448.5	54.54	9.223	
8,000.0	7,160.7	8,151.3	7,250.0	30.2	32.7	100.22	954.4	-844.5	503.0	444.0	59.01	8.525	
8,100.0	7,160.0	8,251.3	7,249.4	32.5	34.8	100.23	950.8	-944.4	503.0	439.4	63.64	7.904	
8,200.0	7,159.3	8,351.3	7,248.7	34.9	37.1	100.24	947.3	-1,044.3	503.1	434.6	68.40	7.354	
8,300.0	7,158.6	8,451.3	7,248.1	37.4	39.5	100.25	943.8	-1,144.3	503.1	429.8	73.27	6.865	
8,400.0	7,157.9	8,551.3	7,247.5	39.9	41.9	100.26	940.3	-1,244.2	503.1	424.8	78.23	6.431	
8,500.0	7,157.2	8,651.3	7,246.9	42.5	44.3	100.26	936.8	-1,344.1	503.1	419.8	83.26	6.043	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth N-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

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
8,600.0	7,156.5	8,751.3	7,246.2	45.1	46.8	100.27	933.2	-1,444.1	503.1	414.8	88.34	5.695	
8,700.0	7,155.8	8,851.3	7,245.6	47.7	49.3	100.28	929.7	-1,544.0	503.1	409.6	93.48	5.382	
8,800.0	7,155.2	8,951.3	7,245.0	50.3	51.9	100.29	926.2	-1,644.0	503.1	404.5	98.65	5.100	
8,900.0	7,154.5	9,051.3	7,244.4	52.9	54.5	100.30	922.7	-1,743.9	503.1	399.3	103.86	4.844	
9,000.0	7,153.8	9,151.3	7,243.8	55.6	57.1	100.30	919.2	-1,843.8	503.1	394.0	109.10	4.612	
9,100.0	7,153.1	9,251.3	7,243.1	58.3	59.7	100.31	915.6	-1,943.8	503.2	388.8	114.37	4.399	
9,200.0	7,152.4	9,351.3	7,242.5	60.9	62.3	100.32	912.1	-2,043.7	503.2	383.5	119.66	4.205	
9,300.0	7,151.7	9,451.3	7,241.9	63.6	65.0	100.33	908.6	-2,143.6	503.2	378.2	124.97	4.027	
9,400.0	7,151.0	9,551.3	7,241.3	66.3	67.7	100.34	905.1	-2,243.6	503.2	372.9	130.29	3.862	
9,500.0	7,150.3	9,651.3	7,240.6	69.1	70.3	100.34	901.6	-2,343.5	503.2	367.6	135.63	3.710	
9,600.0	7,149.6	9,751.3	7,240.0	71.8	73.0	100.35	898.1	-2,443.4	503.2	362.2	140.99	3.569	
9,700.0	7,148.9	9,851.3	7,239.4	74.5	75.7	100.36	894.5	-2,543.4	503.2	356.9	146.35	3.438	
9,800.0	7,148.2	9,951.3	7,238.8	77.2	78.4	100.37	891.0	-2,643.3	503.2	351.5	151.73	3.317	
9,900.0	7,147.5	10,051.3	7,238.1	80.0	81.1	100.38	887.5	-2,743.2	503.2	346.1	157.11	3.203	
10,000.0	7,146.8	10,151.3	7,237.5	82.7	83.8	100.39	884.0	-2,843.2	503.3	340.8	162.51	3.097	
10,100.0	7,146.1	10,251.3	7,236.9	85.4	86.5	100.39	880.5	-2,943.1	503.3	335.4	167.91	2.997	
10,200.0	7,145.4	10,351.3	7,236.3	88.2	89.3	100.40	876.9	-3,043.1	503.3	330.0	173.31	2.904	
10,300.0	7,144.7	10,451.3	7,235.6	90.9	92.0	100.41	873.4	-3,143.0	503.3	324.6	178.73	2.816	
10,400.0	7,144.0	10,551.3	7,235.0	93.7	94.7	100.42	869.9	-3,242.9	503.3	319.2	184.15	2.733	
10,500.0	7,143.3	10,651.3	7,234.4	96.5	97.5	100.43	866.4	-3,342.9	503.3	313.7	189.57	2.655	
10,600.0	7,142.6	10,751.3	7,233.8	99.2	100.2	100.43	862.9	-3,442.8	503.3	308.3	195.00	2.581	
10,700.0	7,141.9	10,851.3	7,233.1	102.0	103.0	100.44	859.3	-3,542.7	503.3	302.9	200.44	2.511	
10,800.0	7,141.2	10,951.3	7,232.5	104.7	105.7	100.45	855.8	-3,642.7	503.3	297.5	205.88	2.445	
10,900.0	7,140.5	11,051.3	7,231.9	107.5	108.4	100.46	852.3	-3,742.6	503.4	292.0	211.32	2.382	
11,000.0	7,139.8	11,151.3	7,231.3	110.3	111.2	100.47	848.8	-3,842.5	503.4	286.6	216.76	2.322	
11,100.0	7,139.1	11,251.3	7,230.6	113.0	114.0	100.47	845.3	-3,942.5	503.4	281.2	222.21	2.265	
11,200.0	7,138.4	11,351.3	7,230.0	115.8	116.7	100.48	841.7	-4,042.4	503.4	275.7	227.66	2.211	
11,300.0	7,137.7	11,451.3	7,229.4	118.6	119.5	100.49	838.2	-4,142.4	503.4	270.3	233.11	2.159	
11,400.0	7,137.0	11,551.3	7,228.8	121.4	122.2	100.50	834.7	-4,242.3	503.4	264.8	238.57	2.110	
11,500.0	7,136.3	11,651.3	7,228.1	124.1	125.0	100.51	831.2	-4,342.2	503.4	259.4	244.03	2.063	
11,600.0	7,135.6	11,751.3	7,227.5	126.9	127.8	100.52	827.7	-4,442.2	503.4	253.9	249.49	2.018	
11,700.0	7,134.9	11,851.3	7,226.9	129.7	130.5	100.52	824.2	-4,542.1	503.4	248.5	254.95	1.975	
11,800.0	7,134.2	11,951.3	7,226.3	132.5	133.3	100.53	820.6	-4,642.0	503.5	243.0	260.41	1.933	
11,900.0	7,133.6	12,051.3	7,225.6	135.3	136.1	100.54	817.1	-4,742.0	503.5	237.6	265.88	1.894	
12,000.0	7,132.9	12,151.3	7,225.0	138.0	138.8	100.55	813.6	-4,841.9	503.5	232.1	271.35	1.856	
12,100.0	7,132.2	12,251.3	7,224.4	140.8	141.6	100.56	810.1	-4,941.8	503.5	226.7	276.81	1.819	
12,200.0	7,131.5	12,351.3	7,223.8	143.6	144.4	100.56	806.6	-5,041.8	503.5	221.2	282.28	1.784	
12,300.0	7,130.8	12,451.3	7,223.1	146.4	147.2	100.57	803.0	-5,141.7	503.5	215.8	287.75	1.750	
12,400.0	7,130.1	12,551.3	7,222.5	149.2	149.9	100.58	799.5	-5,241.7	503.5	210.3	293.23	1.717	
12,500.0	7,129.4	12,651.3	7,221.9	152.0	152.7	100.59	796.0	-5,341.6	503.5	204.8	298.70	1.686	
12,600.0	7,128.7	12,751.3	7,221.3	154.7	155.5	100.60	792.5	-5,441.5	503.6	199.4	304.17	1.655	
12,700.0	7,128.0	12,851.3	7,220.6	157.5	158.3	100.60	789.0	-5,541.5	503.6	193.9	309.65	1.626	
12,800.0	7,127.3	12,951.3	7,220.0	160.3	161.0	100.61	785.4	-5,641.4	503.6	188.5	315.12	1.598	
12,900.0	7,126.6	13,051.3	7,219.4	163.1	163.8	100.62	781.9	-5,741.3	503.6	183.0	320.60	1.571	
13,000.0	7,125.9	13,151.3	7,218.8	165.9	166.6	100.63	778.4	-5,841.3	503.6	177.5	326.08	1.544	
13,100.0	7,125.2	13,251.3	7,218.1	168.7	169.4	100.64	774.9	-5,941.2	503.6	172.1	331.56	1.519	
13,200.0	7,124.5	13,351.3	7,217.5	171.5	172.2	100.65	771.4	-6,041.1	503.6	166.6	337.03	1.494	Level 3
13,300.0	7,123.8	13,451.3	7,216.9	174.3	175.0	100.65	767.8	-6,141.1	503.6	161.1	342.51	1.470	Level 3
13,400.0	7,123.1	13,551.3	7,216.3	177.0	177.7	100.66	764.3	-6,241.0	503.6	155.7	347.99	1.447	Level 3
13,500.0	7,122.4	13,651.3	7,215.6	179.8	180.5	100.67	760.8	-6,340.9	503.7	150.2	353.47	1.425	Level 3
13,600.0	7,121.7	13,751.3	7,215.0	182.6	183.3	100.68	757.3	-6,440.9	503.7	144.7	358.95	1.403	Level 3
13,700.0	7,121.0	13,851.3	7,214.4	185.4	186.1	100.69	753.8	-6,540.8	503.7	139.2	364.43	1.382	Level 3

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth N-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

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
13,800.0	7,120.3	13,951.3	7,213.8	188.2	188.9	100.69	750.3	-6,640.8	503.7	133.8	369.92	1.362	Level 3
13,900.0	7,119.6	14,051.3	7,213.2	191.0	191.7	100.70	746.7	-6,740.7	503.7	128.3	375.40	1.342	Level 3
14,000.0	7,118.9	14,151.3	7,212.5	193.8	194.5	100.71	743.2	-6,840.6	503.7	122.8	380.88	1.323	Level 3
14,100.0	7,118.2	14,251.3	7,211.9	196.6	197.2	100.72	739.7	-6,940.6	503.7	117.4	386.36	1.304	Level 3
14,200.0	7,117.5	14,351.3	7,211.3	199.4	200.0	100.73	736.2	-7,040.5	503.7	111.9	391.85	1.286	Level 3
14,300.0	7,116.8	14,451.3	7,210.7	202.2	202.8	100.73	732.7	-7,140.4	503.8	106.4	397.33	1.268	Level 3
14,400.0	7,116.1	14,551.3	7,210.0	205.0	205.6	100.74	729.1	-7,240.4	503.8	101.0	402.81	1.251	Level 3
14,418.8	7,116.0	14,555.8	7,210.0	205.5	205.7	100.74	729.0	-7,244.9	504.0	100.5	403.45	1.249	Level 2, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth O-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-1.04	15.3	-0.3	15.3	15.3	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	-1.04	15.3	-0.3	15.3	15.1	0.22	68.088	
200.0	200.0	200.0	200.0	0.3	0.3	-1.04	15.3	-0.3	15.3	14.6	0.67	22.696	
300.0	300.0	300.0	300.0	0.6	0.6	-80.89	15.3	-0.3	15.0	13.9	1.12	13.474	
367.9	367.9	367.9	367.9	0.7	0.7	-90.00	15.3	-0.3	14.9	13.4	1.42	10.469	CC
400.0	399.9	399.9	399.9	0.8	0.8	-95.92	15.3	-0.3	14.9	13.4	1.56	9.564	
500.0	499.7	499.7	499.7	1.0	1.0	-94.53	15.3	-0.3	15.3	13.3	2.01	7.617	
600.0	599.5	599.5	599.5	1.3	1.2	-106.29	15.3	-0.3	16.6	14.1	2.47	6.713	
700.0	699.0	699.0	699.0	1.5	1.5	-123.96	15.3	-0.3	20.6	17.7	2.93	7.029	
800.0	798.3	798.3	798.3	1.8	1.7	-138.82	15.3	-0.3	28.4	25.0	3.40	8.366	
815.1	813.4	813.4	813.4	1.8	1.7	-140.62	15.3	-0.3	29.9	26.5	3.47	8.631	
900.0	897.5	897.5	897.5	2.1	1.9	-151.02	15.3	-0.3	39.3	35.4	3.86	10.186	
1,000.0	996.6	996.6	996.6	2.4	2.1	-158.19	15.3	-0.3	51.2	46.9	4.31	11.892	
1,100.0	1,095.7	1,095.7	1,095.7	2.7	2.4	-162.60	15.3	-0.3	63.7	58.9	4.76	13.373	
1,200.0	1,194.8	1,194.8	1,194.8	3.0	2.6	-165.56	15.3	-0.3	76.4	71.2	5.22	14.641	
1,300.0	1,294.0	1,294.0	1,294.0	3.3	2.8	-167.67	15.3	-0.3	89.3	83.6	5.68	15.727	
1,400.0	1,393.1	1,393.1	1,393.1	3.6	3.0	-169.25	15.3	-0.3	102.2	96.1	6.13	16.663	
1,500.0	1,492.2	1,492.2	1,492.2	4.0	3.2	-170.48	15.3	-0.3	115.2	108.6	6.59	17.476	
1,600.0	1,591.3	1,591.3	1,591.3	4.3	3.5	-171.45	15.3	-0.3	128.2	121.2	7.05	18.186	
1,700.0	1,690.5	1,695.0	1,695.0	4.6	3.7	-172.13	16.8	0.2	139.9	132.3	7.52	18.600	
1,800.0	1,789.6	1,799.8	1,799.6	4.9	3.9	-172.37	22.0	1.7	148.0	140.0	7.99	18.521	
1,900.0	1,888.7	1,905.1	1,904.5	5.3	4.2	-172.26	30.8	4.4	152.5	144.0	8.46	18.019	
2,000.0	1,987.8	2,010.5	2,009.1	5.6	4.4	-171.82	43.4	8.2	153.5	144.5	8.94	17.160	
2,100.0	2,087.0	2,112.9	2,110.3	5.9	4.7	-171.09	58.7	12.8	151.5	142.0	9.42	16.070	
2,200.0	2,186.1	2,212.9	2,209.0	6.2	4.9	-170.32	73.9	17.4	149.1	139.2	9.90	15.053	
2,300.0	2,285.2	2,312.8	2,307.7	6.6	5.2	-169.53	89.1	22.0	146.7	136.4	10.39	14.127	
2,400.0	2,384.3	2,412.8	2,406.3	6.9	5.5	-168.72	104.3	26.6	144.4	133.5	10.88	13.279	
2,500.0	2,483.5	2,512.8	2,505.0	7.2	5.8	-167.87	119.6	31.2	142.1	130.8	11.37	12.501	
2,600.0	2,582.6	2,612.7	2,603.7	7.5	6.1	-167.00	134.8	35.8	139.9	128.0	11.87	11.785	
2,700.0	2,681.7	2,712.7	2,702.4	7.9	6.4	-166.11	150.0	40.3	137.7	125.3	12.38	11.124	
2,800.0	2,780.8	2,812.6	2,801.0	8.2	6.8	-165.18	165.3	44.9	135.5	122.6	12.89	10.513	
2,900.0	2,880.0	2,912.6	2,899.7	8.5	7.1	-164.22	180.5	49.5	133.3	119.9	13.41	9.946	
3,000.0	2,979.1	3,012.5	2,998.4	8.9	7.4	-163.23	195.7	54.1	131.2	117.3	13.93	9.419	
3,100.0	3,078.2	3,112.5	3,097.1	9.2	7.7	-162.21	211.0	58.7	129.2	114.7	14.46	8.929	
3,200.0	3,177.3	3,212.4	3,195.7	9.5	8.1	-161.16	226.2	63.3	127.1	112.1	15.01	8.472	
3,300.0	3,276.5	3,312.4	3,294.4	9.8	8.4	-160.07	241.4	67.9	125.1	109.6	15.56	8.044	
3,400.0	3,375.6	3,412.3	3,393.1	10.2	8.8	-158.95	256.7	72.5	123.2	107.1	16.12	7.645	
3,500.0	3,474.7	3,512.3	3,491.8	10.5	9.1	-157.79	271.9	77.1	121.3	104.6	16.69	7.270	
3,600.0	3,573.8	3,612.2	3,590.5	10.8	9.4	-156.60	287.1	81.7	119.5	102.2	17.27	6.919	
3,700.0	3,673.0	3,712.2	3,689.1	11.2	9.8	-155.37	302.4	86.3	117.7	99.8	17.86	6.590	
3,800.0	3,772.1	3,812.1	3,787.8	11.5	10.1	-154.10	317.6	90.9	116.0	97.5	18.46	6.281	
3,900.0	3,871.2	3,912.1	3,886.5	11.8	10.5	-152.79	332.8	95.5	114.3	95.2	19.08	5.990	
4,000.0	3,970.3	4,012.0	3,985.2	12.1	10.8	-151.45	348.1	100.1	112.7	93.0	19.71	5.717	
4,100.0	4,069.5	4,112.0	4,083.8	12.5	11.2	-150.07	363.3	104.6	111.2	90.8	20.36	5.460	
4,200.0	4,168.6	4,211.9	4,182.5	12.8	11.5	-148.65	378.5	109.2	109.7	88.7	21.02	5.218	
4,300.0	4,267.7	4,311.9	4,281.2	13.1	11.9	-147.20	393.8	113.8	108.3	86.6	21.69	4.991	
4,400.0	4,366.8	4,411.8	4,379.9	13.5	12.3	-145.70	409.0	118.4	106.9	84.5	22.38	4.777	
4,455.4	4,421.8	4,467.3	4,434.6	13.6	12.4	-144.86	417.4	121.0	106.2	83.4	22.77	4.664	
4,500.0	4,466.0	4,511.8	4,478.5	13.8	12.6	-144.05	424.2	123.0	105.4	82.3	23.09	4.564	
4,600.0	4,565.5	4,611.6	4,577.1	14.0	13.0	-141.30	439.4	127.6	101.6	77.8	23.85	4.261	
4,700.0	4,665.3	4,711.1	4,675.3	14.2	13.3	-136.94	454.6	132.2	95.5	70.8	24.75	3.859	
4,800.0	4,765.2	4,810.3	4,773.2	14.4	13.7	-130.32	469.7	136.7	87.7	61.8	25.85	3.392	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth O-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,834.8	4,800.0	4,844.6	4,807.1	14.4	13.8	-104.78	474.9	138.3	84.8	60.5	24.33	3.485	
4,900.0	4,865.2	4,909.0	4,870.7	14.5	14.0	-98.48	484.8	141.3	79.8	55.8	24.02	3.322	
5,000.0	4,965.2	5,007.7	4,968.2	14.7	14.4	-87.44	499.8	145.8	74.3	50.7	23.61	3.148	
5,100.0	5,065.2	5,106.5	5,065.7	14.8	14.7	-75.24	514.9	150.3	72.0	48.5	23.56	3.058	
5,116.1	5,081.4	5,122.4	5,081.4	14.8	14.8	-73.22	517.3	151.1	72.0	48.4	23.60	3.050	
5,200.0	5,165.2	5,205.2	5,163.1	15.0	15.1	-62.85	529.9	154.9	73.2	49.1	24.10	3.038	
5,300.0	5,265.2	5,303.9	5,260.6	15.1	15.4	-51.35	544.9	159.4	77.7	52.5	25.19	3.085	
5,400.0	5,365.2	5,402.6	5,358.1	15.3	15.8	-41.44	560.0	164.0	85.0	58.5	26.53	3.204	
5,500.0	5,465.2	5,501.4	5,455.5	15.5	16.2	-33.26	575.0	168.5	94.4	66.6	27.87	3.389	
5,600.0	5,565.2	5,600.1	5,553.0	15.6	16.5	-26.65	590.1	173.0	105.4	76.3	29.09	3.625	
5,700.0	5,665.2	5,698.8	5,650.5	15.8	16.9	-21.34	605.1	177.6	117.6	87.4	30.17	3.897	
5,800.0	5,765.2	5,797.5	5,747.9	16.0	17.2	-17.04	620.2	182.1	130.5	99.4	31.13	4.192	
5,900.0	5,865.2	5,896.3	5,845.4	16.2	17.6	-13.52	635.2	186.6	144.1	112.0	32.00	4.501	
6,000.0	5,965.2	5,995.0	5,942.9	16.3	17.9	-10.62	650.3	191.2	158.0	125.2	32.80	4.818	
6,100.0	6,065.2	6,093.7	6,040.3	16.5	18.3	-8.19	665.3	195.7	172.4	138.8	33.54	5.139	
6,200.0	6,165.2	6,192.4	6,137.8	16.7	18.7	-6.13	680.4	200.2	186.9	152.7	34.24	5.459	
6,300.0	6,265.2	6,291.2	6,235.2	16.9	19.0	-4.38	695.4	204.8	201.7	166.8	34.92	5.778	
6,400.0	6,365.2	6,389.9	6,332.7	17.0	19.4	-2.86	710.4	209.3	216.7	181.1	35.56	6.092	
6,500.0	6,465.2	6,488.6	6,430.2	17.2	19.7	-1.54	725.5	213.9	231.7	195.5	36.19	6.403	
6,600.0	6,565.2	6,587.7	6,528.1	17.4	20.1	-0.64	740.6	217.3	246.9	210.1	36.78	6.712	
6,625.8	6,591.1	6,613.5	6,553.5	17.4	20.2	-0.86	744.4	216.3	250.8	213.9	36.90	6.796	
6,650.0	6,615.2	6,637.5	6,577.2	17.5	20.2	90.47	748.0	214.3	254.4	222.8	31.59	8.052	
6,700.0	6,665.0	6,687.0	6,625.6	17.5	20.3	89.09	755.1	207.1	261.9	230.0	31.87	8.216	
6,750.0	6,714.3	6,736.4	6,673.1	17.6	20.5	87.77	762.0	195.7	269.3	237.2	32.12	8.384	
6,800.0	6,762.6	6,785.5	6,719.3	17.6	20.5	86.53	768.5	180.3	276.7	244.3	32.34	8.556	
6,850.0	6,809.6	6,834.5	6,763.9	17.7	20.6	85.35	774.7	161.1	283.8	251.3	32.51	8.729	
6,900.0	6,854.9	6,883.3	6,806.6	17.7	20.7	84.25	780.4	138.1	290.7	258.1	32.66	8.902	
6,950.0	6,898.2	6,931.9	6,847.1	17.7	20.8	83.22	785.7	111.7	297.4	264.6	32.79	9.070	
7,000.0	6,939.2	6,980.5	6,885.1	17.7	20.8	82.27	790.5	81.9	303.7	270.8	32.91	9.227	
7,050.0	6,977.5	7,028.9	6,920.5	17.7	20.9	81.39	794.8	49.1	309.6	276.5	33.06	9.364	
7,100.0	7,012.9	7,077.3	6,953.0	17.7	20.9	80.60	798.5	13.5	315.0	281.7	33.26	9.471	
7,150.0	7,045.1	7,125.6	6,982.4	17.7	21.0	79.88	801.7	-24.6	320.0	286.4	33.57	9.533	
7,200.0	7,073.8	7,173.8	7,008.4	17.7	21.1	79.24	804.3	-65.1	324.4	290.5	33.97	9.549	
7,250.0	7,098.9	7,221.9	7,031.0	17.7	21.2	78.69	806.3	-107.6	328.3	293.8	34.54	9.507	
7,300.0	7,120.1	7,270.0	7,050.0	17.9	21.3	78.21	807.6	-151.7	331.6	296.3	35.27	9.401	
7,350.0	7,137.3	7,318.1	7,065.2	18.2	21.5	77.81	808.4	-197.3	334.3	298.1	36.20	9.234	
7,400.0	7,150.3	7,366.1	7,076.6	18.8	21.8	77.49	808.5	-243.9	336.4	299.1	37.33	9.012	
7,450.0	7,159.0	7,414.0	7,084.1	19.4	22.2	77.24	808.1	-291.2	337.8	299.2	38.64	8.742	
7,500.0	7,163.4	7,461.9	7,087.7	20.2	22.6	77.08	807.0	-339.0	338.6	298.4	40.12	8.439	
7,529.8	7,164.0	7,490.7	7,088.0	20.6	23.0	77.03	806.0	-367.8	338.7	297.6	41.07	8.246	
7,529.9	7,164.0	7,490.8	7,088.0	20.6	23.0	77.03	806.0	-367.9	338.7	297.6	41.08	8.245	
7,530.5	7,164.0	7,491.4	7,088.0	20.6	23.0	77.03	806.0	-368.5	338.7	297.6	41.10	8.242	
7,600.0	7,163.5	7,560.9	7,087.5	21.8	23.9	77.04	803.6	-437.9	338.7	295.3	43.42	7.801	
7,700.0	7,162.8	7,660.9	7,087.0	23.7	25.5	77.05	800.0	-537.8	338.6	291.6	47.06	7.196	
7,800.0	7,162.1	7,760.9	7,086.4	25.7	27.4	77.07	796.5	-637.8	338.6	287.6	51.03	6.635	
7,900.0	7,161.4	7,860.9	7,085.8	27.9	29.4	77.09	793.0	-737.7	338.6	283.3	55.27	6.127	
8,000.0	7,160.7	7,960.9	7,085.2	30.2	31.6	77.10	789.5	-837.6	338.6	278.9	59.70	5.671	
8,100.0	7,160.0	8,060.9	7,084.6	32.5	33.9	77.12	786.0	-937.6	338.6	274.2	64.30	5.265	
8,200.0	7,159.3	8,160.9	7,084.0	34.9	36.2	77.14	782.5	-1,037.5	338.5	269.5	69.03	4.904	
8,300.0	7,158.6	8,260.9	7,083.4	37.4	38.6	77.15	778.9	-1,137.5	338.5	264.6	73.86	4.583	
8,400.0	7,157.9	8,360.9	7,082.8	39.9	41.1	77.17	775.4	-1,237.4	338.5	259.7	78.78	4.296	
8,500.0	7,157.2	8,460.9	7,082.2	42.5	43.6	77.19	771.9	-1,337.3	338.5	254.7	83.77	4.040	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth O-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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
8,600.0	7,156.5	8,560.9	7,081.6	45.1	46.1	77.20	768.4	-1,437.3	338.4	249.6	88.82	3.810	
8,700.0	7,155.8	8,660.9	7,081.0	47.7	48.7	77.22	764.9	-1,537.2	338.4	244.5	93.92	3.603	
8,800.0	7,155.2	8,760.9	7,080.4	50.3	51.2	77.24	761.3	-1,637.1	338.4	239.3	99.06	3.416	
8,900.0	7,154.5	8,860.9	7,079.8	52.9	53.9	77.25	757.8	-1,737.1	338.4	234.1	104.23	3.246	
9,000.0	7,153.8	8,960.9	7,079.2	55.6	56.5	77.27	754.3	-1,837.0	338.3	228.9	109.44	3.092	
9,100.0	7,153.1	9,060.9	7,078.6	58.3	59.1	77.29	750.8	-1,936.9	338.3	223.6	114.67	2.950	
9,200.0	7,152.4	9,160.9	7,078.0	60.9	61.8	77.30	747.3	-2,036.9	338.3	218.4	119.93	2.821	
9,300.0	7,151.7	9,260.9	7,077.4	63.6	64.4	77.32	743.7	-2,136.8	338.3	213.1	125.20	2.702	
9,400.0	7,151.0	9,360.9	7,076.8	66.3	67.1	77.34	740.2	-2,236.8	338.2	207.7	130.50	2.592	
9,500.0	7,150.3	9,460.9	7,076.2	69.1	69.8	77.35	736.7	-2,336.7	338.2	202.4	135.81	2.490	
9,600.0	7,149.6	9,560.9	7,075.6	71.8	72.5	77.37	733.2	-2,436.6	338.2	197.1	141.13	2.396	
9,700.0	7,148.9	9,660.9	7,075.0	74.5	75.2	77.39	729.7	-2,536.6	338.2	191.7	146.47	2.309	
9,800.0	7,148.2	9,760.9	7,074.4	77.2	77.9	77.41	726.2	-2,636.5	338.2	186.3	151.82	2.227	
9,900.0	7,147.5	9,860.9	7,073.9	80.0	80.7	77.42	722.6	-2,736.4	338.1	180.9	157.18	2.151	
10,000.0	7,146.8	9,960.9	7,073.3	82.7	83.4	77.44	719.1	-2,836.4	338.1	175.6	162.55	2.080	
10,100.0	7,146.1	10,060.9	7,072.7	85.4	86.1	77.46	715.6	-2,936.3	338.1	170.2	167.93	2.013	
10,200.0	7,145.4	10,160.9	7,072.1	88.2	88.8	77.47	712.1	-3,036.2	338.1	164.7	173.31	1.951	
10,300.0	7,144.7	10,260.9	7,071.5	90.9	91.6	77.49	708.6	-3,136.2	338.0	159.3	178.70	1.892	
10,400.0	7,144.0	10,360.9	7,070.9	93.7	94.3	77.51	705.0	-3,236.1	338.0	153.9	184.10	1.836	
10,500.0	7,143.3	10,460.9	7,070.3	96.5	97.1	77.52	701.5	-3,336.1	338.0	148.5	189.51	1.784	
10,600.0	7,142.6	10,560.9	7,069.7	99.2	99.8	77.54	698.0	-3,436.0	338.0	143.0	194.92	1.734	
10,700.0	7,141.9	10,660.9	7,069.1	102.0	102.6	77.56	694.5	-3,535.9	337.9	137.6	200.34	1.687	
10,800.0	7,141.2	10,760.9	7,068.5	104.7	105.3	77.57	691.0	-3,635.9	337.9	132.2	205.76	1.642	
10,900.0	7,140.5	10,860.9	7,067.9	107.5	108.1	77.59	687.4	-3,735.8	337.9	126.7	211.18	1.600	
11,000.0	7,139.8	10,960.9	7,067.3	110.3	110.8	77.61	683.9	-3,835.7	337.9	121.3	216.61	1.560	
11,100.0	7,139.1	11,060.9	7,066.7	113.0	113.6	77.62	680.4	-3,935.7	337.8	115.8	222.05	1.522	
11,200.0	7,138.4	11,160.9	7,066.1	115.8	116.4	77.64	676.9	-4,035.6	337.8	110.3	227.48	1.485	Level 3
11,300.0	7,137.7	11,260.9	7,065.5	118.6	119.1	77.66	673.4	-4,135.5	337.8	104.9	232.93	1.450	Level 3
11,400.0	7,137.0	11,360.9	7,064.9	121.4	121.9	77.67	669.9	-4,235.5	337.8	99.4	238.37	1.417	Level 3
11,500.0	7,136.3	11,460.9	7,064.3	124.1	124.7	77.69	666.3	-4,335.4	337.8	93.9	243.82	1.385	Level 3
11,600.0	7,135.6	11,560.9	7,063.7	126.9	127.4	77.71	662.8	-4,435.4	337.7	88.5	249.27	1.355	Level 3
11,700.0	7,134.9	11,660.9	7,063.1	129.7	130.2	77.72	659.3	-4,535.3	337.7	83.0	254.72	1.326	Level 3
11,800.0	7,134.2	11,760.9	7,062.5	132.5	133.0	77.74	655.8	-4,635.2	337.7	77.5	260.18	1.298	Level 3
11,900.0	7,133.6	11,860.9	7,061.9	135.3	135.8	77.76	652.3	-4,735.2	337.7	72.0	265.64	1.271	Level 3
12,000.0	7,132.9	11,960.9	7,061.3	138.0	138.5	77.77	648.7	-4,835.1	337.6	66.5	271.10	1.245	Level 2
12,100.0	7,132.2	12,060.9	7,060.8	140.8	141.3	77.79	645.2	-4,935.0	337.6	61.1	276.56	1.221	Level 2
12,200.0	7,131.5	12,160.9	7,060.2	143.6	144.1	77.81	641.7	-5,035.0	337.6	55.6	282.03	1.197	Level 2
12,300.0	7,130.8	12,260.9	7,059.6	146.4	146.9	77.82	638.2	-5,134.9	337.6	50.1	287.50	1.174	Level 2
12,400.0	7,130.1	12,360.9	7,059.0	149.2	149.6	77.84	634.7	-5,234.8	337.6	44.6	292.97	1.152	Level 2
12,500.0	7,129.4	12,460.9	7,058.4	152.0	152.4	77.86	631.1	-5,334.8	337.5	39.1	298.44	1.131	Level 2
12,600.0	7,128.7	12,560.9	7,057.8	154.7	155.2	77.87	627.6	-5,434.7	337.5	33.6	303.91	1.111	Level 2
12,700.0	7,128.0	12,660.9	7,057.2	157.5	158.0	77.89	624.1	-5,534.7	337.5	28.1	309.39	1.091	Level 2
12,800.0	7,127.3	12,760.9	7,056.6	160.3	160.8	77.91	620.6	-5,634.6	337.5	22.6	314.87	1.072	Level 2
12,900.0	7,126.6	12,860.9	7,056.0	163.1	163.5	77.92	617.1	-5,734.5	337.4	17.1	320.35	1.053	Level 2
13,000.0	7,125.9	12,960.9	7,055.4	165.9	166.3	77.94	613.6	-5,834.5	337.4	11.6	325.83	1.036	Level 2
13,100.0	7,125.2	13,060.9	7,054.8	168.7	169.1	77.96	610.0	-5,934.4	337.4	6.1	331.31	1.018	Level 2
13,200.0	7,124.5	13,160.9	7,054.2	171.5	171.9	77.97	606.5	-6,034.3	337.4	0.6	336.80	1.002	Level 2
13,300.0	7,123.8	13,260.9	7,053.6	174.3	174.7	77.99	603.0	-6,134.3	337.4	-4.9	342.28	0.986	Level 1
13,400.0	7,123.1	13,360.9	7,053.0	177.0	177.5	78.01	599.5	-6,234.2	337.3	-10.4	347.77	0.970	Level 1
13,500.0	7,122.4	13,460.9	7,052.4	179.8	180.3	78.03	596.0	-6,334.1	337.3	-16.0	353.26	0.955	Level 1
13,600.0	7,121.7	13,560.9	7,051.8	182.6	183.0	78.04	592.4	-6,434.1	337.3	-21.5	358.75	0.940	Level 1
13,700.0	7,121.0	13,660.9	7,051.2	185.4	185.8	78.06	588.9	-6,534.0	337.3	-27.0	364.24	0.926	Level 1

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth O-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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
13,800.0	7,120.3	13,760.9	7,050.6	188.2	188.6	78.08	585.4	-6,634.0	337.2	-32.5	369.73	0.912	Level 1
13,900.0	7,119.6	13,860.9	7,050.0	191.0	191.4	78.09	581.9	-6,733.9	337.2	-38.0	375.23	0.899	Level 1
14,000.0	7,118.9	13,960.9	7,049.4	193.8	194.2	78.11	578.4	-6,833.8	337.2	-43.5	380.72	0.886	Level 1
14,100.0	7,118.2	14,060.9	7,048.8	196.6	197.0	78.13	574.9	-6,933.8	337.2	-49.0	386.22	0.873	Level 1
14,200.0	7,117.5	14,160.9	7,048.3	199.4	199.8	78.14	571.3	-7,033.7	337.2	-54.6	391.71	0.861	Level 1
14,300.0	7,116.8	14,260.9	7,047.7	202.2	202.6	78.16	567.8	-7,133.6	337.1	-60.1	397.21	0.849	Level 1
14,400.0	7,116.1	14,360.9	7,047.1	205.0	205.4	78.18	564.3	-7,233.6	337.1	-65.6	402.71	0.837	Level 1
14,410.1	7,116.1	14,370.9	7,047.0	205.2	205.6	78.18	563.9	-7,243.6	337.1	-66.2	403.27	0.836	Level 1
14,418.8	7,116.0	14,370.9	7,047.0	205.5	205.6	78.18	563.9	-7,243.6	337.2	-66.3	403.50	0.836	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth Q-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.93	-14.9	0.3	14.9	14.9	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	178.93	-14.9	0.3	14.9	14.7	0.22	66.468	
200.0	200.0	200.0	200.0	0.3	0.3	178.93	-14.9	0.3	14.9	14.3	0.67	22.156	CC
300.0	300.0	300.0	300.0	0.6	0.6	108.69	-14.9	0.3	15.3	14.2	1.12	13.702	
400.0	399.9	399.9	399.9	0.8	0.8	121.31	-14.9	0.3	17.0	15.4	1.57	10.826	
500.0	499.7	500.1	500.0	1.0	1.0	152.62	-14.7	1.6	20.6	18.6	2.02	10.175	
600.0	599.5	600.3	600.2	1.3	1.2	165.07	-14.0	5.4	25.3	22.8	2.47	10.221	
700.0	699.0	700.5	700.2	1.5	1.4	166.97	-12.8	11.7	31.2	28.2	2.94	10.594	
800.0	798.3	801.1	800.5	1.8	1.7	167.40	-9.3	18.4	37.7	34.3	3.42	11.031	
815.1	813.4	816.4	815.7	1.8	1.7	167.50	-8.6	19.3	38.8	35.3	3.50	11.092	
900.0	897.5	901.9	901.0	2.1	1.9	165.09	-3.3	24.6	43.7	39.8	3.90	11.199	
1,000.0	996.6	1,002.9	1,001.4	2.4	2.2	163.56	5.4	30.5	47.2	42.8	4.38	10.756	
1,100.0	1,095.7	1,102.9	1,100.8	2.7	2.5	162.55	15.1	36.2	49.6	44.7	4.88	10.166	
1,200.0	1,194.8	1,202.9	1,200.1	3.0	2.7	161.63	24.8	41.9	52.0	46.6	5.38	9.676	
1,300.0	1,294.0	1,302.8	1,299.4	3.3	3.0	160.79	34.5	47.6	54.5	48.6	5.88	9.263	
1,400.0	1,393.1	1,402.8	1,398.8	3.6	3.3	160.03	44.2	53.2	56.9	50.5	6.39	8.911	
1,500.0	1,492.2	1,502.8	1,498.1	4.0	3.6	159.33	53.9	58.9	59.4	52.5	6.90	8.607	
1,600.0	1,591.3	1,602.7	1,597.4	4.3	3.9	158.68	63.6	64.6	61.9	54.5	7.42	8.343	
1,700.0	1,690.5	1,702.7	1,696.8	4.6	4.2	158.08	73.3	70.3	64.4	56.4	7.93	8.111	
1,800.0	1,789.6	1,802.7	1,796.1	4.9	4.5	157.53	83.0	76.0	66.9	58.4	8.46	7.906	
1,900.0	1,888.7	1,902.6	1,895.4	5.3	4.8	157.02	92.8	81.6	69.3	60.4	8.98	7.723	
2,000.0	1,987.8	2,002.6	1,994.8	5.6	5.1	156.55	102.5	87.3	71.9	62.3	9.50	7.560	
2,100.0	2,087.0	2,102.6	2,094.1	5.9	5.4	156.10	112.2	93.0	74.4	64.3	10.03	7.412	
2,200.0	2,186.1	2,202.5	2,193.4	6.2	5.7	155.69	121.9	98.7	76.9	66.3	10.56	7.279	
2,300.0	2,285.2	2,302.5	2,292.8	6.6	6.0	155.30	131.6	104.4	79.4	68.3	11.09	7.158	
2,400.0	2,384.3	2,402.5	2,392.1	6.9	6.3	154.93	141.3	110.1	81.9	70.3	11.62	7.047	
2,500.0	2,483.5	2,502.4	2,491.4	7.2	6.6	154.59	151.0	115.7	84.4	72.3	12.15	6.946	
2,600.0	2,582.6	2,602.4	2,590.8	7.5	6.9	154.27	160.7	121.4	86.9	74.3	12.69	6.853	
2,700.0	2,681.7	2,702.4	2,690.1	7.9	7.2	153.96	170.4	127.1	89.5	76.3	13.22	6.767	
2,800.0	2,780.8	2,802.3	2,789.4	8.2	7.5	153.68	180.1	132.8	92.0	78.2	13.76	6.687	
2,900.0	2,880.0	2,902.3	2,888.7	8.5	7.8	153.40	189.8	138.5	94.5	80.2	14.30	6.613	
3,000.0	2,979.1	3,002.3	2,988.1	8.9	8.1	153.14	199.5	144.1	97.1	82.2	14.83	6.544	
3,100.0	3,078.2	3,102.3	3,087.4	9.2	8.4	152.90	209.2	149.8	99.6	84.2	15.37	6.480	
3,200.0	3,177.3	3,202.2	3,186.7	9.5	8.7	152.67	218.9	155.5	102.1	86.2	15.91	6.420	
3,300.0	3,276.5	3,302.2	3,286.1	9.8	9.0	152.44	228.6	161.2	104.7	88.2	16.45	6.364	
3,400.0	3,375.6	3,402.2	3,385.4	10.2	9.3	152.23	238.3	166.9	107.2	90.2	16.99	6.311	
3,500.0	3,474.7	3,502.1	3,484.7	10.5	9.6	152.03	248.1	172.6	109.8	92.2	17.53	6.261	
3,600.0	3,573.8	3,602.1	3,584.1	10.8	9.9	151.84	257.8	178.2	112.3	94.2	18.07	6.215	
3,700.0	3,673.0	3,702.1	3,683.4	11.2	10.2	151.66	267.5	183.9	114.9	96.2	18.61	6.171	
3,800.0	3,772.1	3,802.0	3,782.7	11.5	10.5	151.48	277.2	189.6	117.4	98.2	19.16	6.129	
3,900.0	3,871.2	3,902.0	3,882.1	11.8	10.8	151.31	286.9	195.3	119.9	100.2	19.70	6.089	
4,000.0	3,970.3	4,002.0	3,981.4	12.1	11.1	151.15	296.6	201.0	122.5	102.3	20.24	6.052	
4,100.0	4,069.5	4,101.9	4,080.7	12.5	11.4	151.00	306.3	206.6	125.0	104.3	20.78	6.016	
4,200.0	4,168.6	4,201.8	4,180.0	12.8	11.7	150.85	316.0	212.3	127.6	106.3	21.33	5.983	
4,300.0	4,267.7	4,300.0	4,277.7	13.1	11.9	151.17	324.0	217.0	131.6	109.8	21.79	6.039	
4,400.0	4,366.8	4,394.3	4,371.9	13.5	12.1	152.24	329.0	219.9	138.2	116.1	22.13	6.246	
4,455.4	4,421.8	4,447.4	4,424.9	13.6	12.2	153.11	330.6	220.9	143.1	120.9	22.29	6.421	
4,500.0	4,466.0	4,489.9	4,467.4	13.8	12.3	153.91	331.3	221.3	147.4	125.0	22.41	6.580	
4,600.0	4,565.5	4,588.0	4,565.5	14.0	12.4	155.52	331.5	221.4	156.2	133.6	22.63	6.905	
4,700.0	4,665.3	4,687.8	4,665.3	14.2	12.6	156.51	331.5	221.4	162.1	139.2	22.90	7.080	
4,800.0	4,765.2	4,787.7	4,765.2	14.4	12.8	156.94	331.5	221.4	164.8	141.7	23.19	7.110	
4,834.8	4,800.0	4,822.5	4,800.0	14.4	12.8	179.52	331.5	221.4	165.0	138.8	26.26	6.285	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth Q-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,900.0	4,865.2	4,887.7	4,865.2	14.5	13.0	179.52	331.5	221.4	165.0	138.6	26.48	6.233	
5,000.0	4,965.2	4,987.7	4,965.2	14.7	13.1	179.52	331.5	221.4	165.0	138.2	26.83	6.152	
5,100.0	5,065.2	5,087.7	5,065.2	14.8	13.3	179.52	331.5	221.4	165.0	137.9	27.18	6.072	
5,200.0	5,165.2	5,187.7	5,165.2	15.0	13.5	179.52	331.5	221.4	165.0	137.5	27.53	5.994	
5,300.0	5,265.2	5,287.7	5,265.2	15.1	13.7	179.52	331.5	221.4	165.0	137.2	27.89	5.917	
5,400.0	5,365.2	5,387.7	5,365.2	15.3	13.9	179.52	331.5	221.4	165.0	136.8	28.25	5.842	
5,500.0	5,465.2	5,487.7	5,465.2	15.5	14.1	179.52	331.5	221.4	165.0	136.4	28.62	5.768	
5,600.0	5,565.2	5,587.7	5,565.2	15.6	14.2	179.52	331.5	221.4	165.0	136.1	28.98	5.695	
5,700.0	5,665.2	5,687.7	5,665.2	15.8	14.4	179.52	331.5	221.4	165.0	135.7	29.35	5.624	
5,800.0	5,765.2	5,787.7	5,765.2	16.0	14.6	179.52	331.5	221.4	165.0	135.3	29.72	5.554	
5,900.0	5,865.2	5,887.7	5,865.2	16.2	14.8	179.52	331.5	221.4	165.0	135.0	30.09	5.485	
6,000.0	5,965.2	5,987.7	5,965.2	16.3	15.0	179.52	331.5	221.4	165.0	134.6	30.46	5.418	
6,100.0	6,065.2	6,087.7	6,065.2	16.5	15.2	179.52	331.5	221.4	165.0	134.2	30.84	5.352	
6,200.0	6,165.2	6,187.7	6,165.2	16.7	15.4	179.52	331.5	221.4	165.0	133.8	31.22	5.287	
6,300.0	6,265.2	6,287.7	6,265.2	16.9	15.6	179.52	331.5	221.4	165.0	133.4	31.60	5.224	
6,400.0	6,365.2	6,387.7	6,365.2	17.0	15.8	179.52	331.5	221.4	165.0	133.1	31.98	5.161	
6,500.0	6,465.2	6,487.7	6,465.2	17.2	16.0	179.52	331.5	221.4	165.0	132.7	32.36	5.100	
6,600.0	6,565.2	6,587.7	6,565.2	17.4	16.2	179.52	331.5	221.4	165.0	132.3	32.75	5.040	
6,625.8	6,591.1	6,613.5	6,591.1	17.4	16.2	179.52	331.5	221.4	165.0	132.2	32.84	5.025	
6,650.0	6,615.2	6,637.7	6,615.2	17.5	16.3	-88.64	331.5	221.4	165.0	134.3	30.74	5.368	
6,697.2	6,662.2	6,684.7	6,662.2	17.5	16.4	-90.00	331.5	221.4	165.0	134.0	31.00	5.322	
6,700.0	6,665.0	6,687.5	6,665.0	17.5	16.4	-90.12	331.5	221.4	165.0	134.0	31.02	5.319	
6,750.0	6,714.3	6,737.3	6,714.8	17.6	16.5	-92.66	331.4	220.2	165.2	133.8	31.34	5.271	
6,800.0	6,762.6	6,787.7	6,764.9	17.6	16.5	-95.23	331.2	214.6	165.7	134.1	31.62	5.240	
6,850.0	6,809.6	6,838.9	6,815.0	17.7	16.6	-97.76	330.9	204.6	166.5	134.7	31.84	5.231	
6,900.0	6,854.9	6,890.7	6,864.7	17.7	16.6	-100.22	330.4	189.9	167.7	135.7	31.99	5.242	
6,950.0	6,898.2	6,943.3	6,913.6	17.7	16.6	-102.58	329.7	170.4	169.1	137.0	32.07	5.273	
7,000.0	6,939.2	6,996.6	6,961.0	17.7	16.6	-104.82	328.8	146.2	170.8	138.7	32.08	5.323	
7,050.0	6,977.5	7,050.7	7,006.6	17.7	16.6	-106.92	327.8	117.3	172.6	140.5	32.03	5.388	
7,100.0	7,012.9	7,105.4	7,049.9	17.7	16.6	-108.86	326.6	83.7	174.5	142.5	31.96	5.459	
7,150.0	7,045.1	7,160.9	7,090.2	17.7	16.6	-110.63	325.3	45.7	176.4	144.5	31.92	5.528	
7,200.0	7,073.8	7,217.0	7,127.0	17.7	16.6	-112.21	323.8	3.5	178.3	146.4	31.94	5.583	
7,250.0	7,098.9	7,273.7	7,159.9	17.7	16.6	-113.60	322.1	-42.7	180.2	148.1	32.10	5.612	
7,300.0	7,120.1	7,331.0	7,188.3	17.9	17.0	-114.79	320.4	-92.4	181.8	149.4	32.46	5.602	
7,350.0	7,137.3	7,388.7	7,211.7	18.2	17.5	-115.77	318.5	-145.2	183.3	150.2	33.03	5.548	
7,400.0	7,150.3	7,446.9	7,229.8	18.8	18.2	-116.54	316.6	-200.4	184.5	150.6	33.88	5.444	
7,450.0	7,159.0	7,505.4	7,242.3	19.4	19.0	-117.09	314.6	-257.5	185.4	150.3	35.02	5.293	
7,500.0	7,163.4	7,564.1	7,248.9	20.2	19.8	-117.43	312.5	-315.7	185.9	149.5	36.43	5.103	
7,529.8	7,164.0	7,599.2	7,250.0	20.6	20.4	-117.53	311.3	-350.8	186.1	148.7	37.39	4.976	
7,529.9	7,164.0	7,599.3	7,250.0	20.6	20.4	-117.53	311.3	-350.9	186.1	148.7	37.40	4.976	
7,530.5	7,164.0	7,600.0	7,250.0	20.6	20.4	-117.53	311.3	-351.6	186.1	148.7	37.42	4.973	
7,600.0	7,163.5	7,670.0	7,249.5	21.8	21.6	-117.54	308.8	-421.5	186.1	146.5	39.57	4.703	
7,700.0	7,162.8	7,770.0	7,248.9	23.7	23.5	-117.54	305.3	-521.5	186.1	143.1	42.94	4.334	
7,800.0	7,162.1	7,870.0	7,248.2	25.7	25.5	-117.55	301.8	-621.4	186.1	139.5	46.61	3.993	
7,900.0	7,161.4	7,970.0	7,247.5	27.9	27.7	-117.55	298.2	-721.3	186.1	135.6	50.51	3.685	
8,000.0	7,160.7	8,070.0	7,246.8	30.2	30.0	-117.56	294.7	-821.3	186.1	131.5	54.59	3.409	
8,100.0	7,160.0	8,170.0	7,246.1	32.5	32.3	-117.56	291.2	-921.2	186.1	127.3	58.82	3.164	
8,200.0	7,159.3	8,270.0	7,245.5	34.9	34.8	-117.56	287.7	-1,021.1	186.1	123.0	63.16	2.947	
8,300.0	7,158.6	8,370.0	7,244.8	37.4	37.2	-117.57	284.2	-1,121.1	186.1	118.5	67.60	2.753	
8,400.0	7,157.9	8,470.0	7,244.1	39.9	39.8	-117.57	280.7	-1,221.0	186.1	114.0	72.11	2.581	
8,500.0	7,157.2	8,570.0	7,243.4	42.5	42.3	-117.58	277.1	-1,320.9	186.1	109.4	76.69	2.427	
8,600.0	7,156.5	8,670.0	7,242.7	45.1	44.9	-117.58	273.6	-1,420.9	186.1	104.8	81.32	2.289	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth Q-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

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
8,700.0	7,155.8	8,770.0	7,242.0	47.7	47.5	-117.58	270.1	-1,520.8	186.2	100.2	85.99	2.165	
8,800.0	7,155.2	8,870.0	7,241.4	50.3	50.1	-117.59	266.6	-1,620.8	186.2	95.5	90.70	2.052	
8,900.0	7,154.5	8,970.0	7,240.7	52.9	52.8	-117.59	263.1	-1,720.7	186.2	90.7	95.44	1.951	
9,000.0	7,153.8	9,070.0	7,240.0	55.6	55.5	-117.60	259.6	-1,820.6	186.2	86.0	100.21	1.858	
9,100.0	7,153.1	9,170.0	7,239.3	58.3	58.1	-117.60	256.0	-1,920.6	186.2	81.2	105.00	1.773	
9,200.0	7,152.4	9,270.0	7,238.6	60.9	60.8	-117.60	252.5	-2,020.5	186.2	76.4	109.80	1.696	
9,300.0	7,151.7	9,370.0	7,237.9	63.6	63.5	-117.61	249.0	-2,120.4	186.2	71.6	114.63	1.624	
9,400.0	7,151.0	9,470.0	7,237.3	66.3	66.2	-117.61	245.5	-2,220.4	186.2	66.7	119.47	1.558	
9,500.0	7,150.3	9,570.0	7,236.6	69.1	68.9	-117.62	242.0	-2,320.3	186.2	61.9	124.33	1.498	Level 3
9,600.0	7,149.6	9,670.0	7,235.9	71.8	71.7	-117.62	238.5	-2,420.2	186.2	57.0	129.20	1.441	Level 3
9,700.0	7,148.9	9,770.0	7,235.2	74.5	74.4	-117.62	234.9	-2,520.2	186.2	52.1	134.08	1.389	Level 3
9,800.0	7,148.2	9,870.0	7,234.5	77.2	77.1	-117.63	231.4	-2,620.1	186.2	47.3	138.96	1.340	Level 3
9,900.0	7,147.5	9,970.0	7,233.9	80.0	79.9	-117.63	227.9	-2,720.0	186.2	42.4	143.86	1.295	Level 3
10,000.0	7,146.8	10,070.0	7,233.2	82.7	82.6	-117.64	224.4	-2,820.0	186.2	37.5	148.76	1.252	Level 3
10,100.0	7,146.1	10,170.0	7,232.5	85.4	85.3	-117.64	220.9	-2,919.9	186.2	32.6	153.67	1.212	Level 2
10,200.0	7,145.4	10,270.0	7,231.8	88.2	88.1	-117.64	217.3	-3,019.9	186.3	27.7	158.59	1.174	Level 2
10,300.0	7,144.7	10,370.0	7,231.1	90.9	90.8	-117.65	213.8	-3,119.8	186.3	22.7	163.51	1.139	Level 2
10,400.0	7,144.0	10,470.0	7,230.4	93.7	93.6	-117.65	210.3	-3,219.7	186.3	17.8	168.44	1.106	Level 2
10,500.0	7,143.3	10,570.0	7,229.8	96.5	96.4	-117.66	206.8	-3,319.7	186.3	12.9	173.37	1.074	Level 2
10,600.0	7,142.6	10,670.0	7,229.1	99.2	99.1	-117.66	203.3	-3,419.6	186.3	8.0	178.30	1.045	Level 2
10,700.0	7,141.9	10,770.0	7,228.4	102.0	101.9	-117.66	199.8	-3,519.5	186.3	3.0	183.24	1.017	Level 2
10,800.0	7,141.2	10,870.0	7,227.7	104.7	104.7	-117.67	196.2	-3,619.5	186.3	-1.9	188.19	0.990	Level 1
10,900.0	7,140.5	10,970.0	7,227.0	107.5	107.4	-117.67	192.7	-3,719.4	186.3	-6.8	193.13	0.965	Level 1
11,000.0	7,139.8	11,070.0	7,226.3	110.3	110.2	-117.68	189.2	-3,819.3	186.3	-11.8	198.08	0.941	Level 1
11,100.0	7,139.1	11,170.0	7,225.7	113.0	113.0	-117.68	185.7	-3,919.3	186.3	-16.7	203.03	0.918	Level 1
11,200.0	7,138.4	11,270.0	7,225.0	115.8	115.7	-117.68	182.2	-4,019.2	186.3	-21.7	207.99	0.896	Level 1
11,300.0	7,137.7	11,370.0	7,224.3	118.6	118.5	-117.69	178.7	-4,119.2	186.3	-26.6	212.95	0.875	Level 1
11,400.0	7,137.0	11,470.0	7,223.6	121.4	121.3	-117.69	175.1	-4,219.1	186.3	-31.6	217.90	0.855	Level 1
11,500.0	7,136.3	11,570.0	7,222.9	124.1	124.1	-117.70	171.6	-4,319.0	186.3	-36.5	222.86	0.836	Level 1
11,600.0	7,135.6	11,670.0	7,222.3	126.9	126.8	-117.70	168.1	-4,419.0	186.3	-41.5	227.83	0.818	Level 1
11,700.0	7,134.9	11,770.0	7,221.6	129.7	129.6	-117.70	164.6	-4,518.9	186.3	-46.4	232.79	0.801	Level 1
11,800.0	7,134.2	11,870.0	7,220.9	132.5	132.4	-117.71	161.1	-4,618.8	186.4	-51.4	237.76	0.784	Level 1
11,900.0	7,133.6	11,970.0	7,220.2	135.3	135.2	-117.71	157.6	-4,718.8	186.4	-56.4	242.72	0.768	Level 1
12,000.0	7,132.9	12,070.0	7,219.5	138.0	138.0	-117.72	154.0	-4,818.7	186.4	-61.3	247.69	0.752	Level 1
12,100.0	7,132.2	12,170.0	7,218.8	140.8	140.7	-117.72	150.5	-4,918.6	186.4	-66.3	252.66	0.738	Level 1
12,200.0	7,131.5	12,270.0	7,218.2	143.6	143.5	-117.72	147.0	-5,018.6	186.4	-71.2	257.63	0.723	Level 1
12,300.0	7,130.8	12,370.0	7,217.5	146.4	146.3	-117.73	143.5	-5,118.5	186.4	-76.2	262.60	0.710	Level 1
12,400.0	7,130.1	12,470.0	7,216.8	149.2	149.1	-117.73	140.0	-5,218.4	186.4	-81.2	267.57	0.697	Level 1
12,500.0	7,129.4	12,570.0	7,216.1	152.0	151.9	-117.74	136.5	-5,318.4	186.4	-86.1	272.55	0.684	Level 1
12,600.0	7,128.7	12,670.0	7,215.4	154.7	154.7	-117.74	132.9	-5,418.3	186.4	-91.1	277.52	0.672	Level 1
12,700.0	7,128.0	12,770.0	7,214.8	157.5	157.4	-117.74	129.4	-5,518.3	186.4	-96.1	282.50	0.660	Level 1
12,800.0	7,127.3	12,870.0	7,214.1	160.3	160.2	-117.75	125.9	-5,618.2	186.4	-101.1	287.47	0.648	Level 1
12,900.0	7,126.6	12,970.0	7,213.4	163.1	163.0	-117.75	122.4	-5,718.1	186.4	-106.0	292.45	0.637	Level 1
13,000.0	7,125.9	13,070.0	7,212.7	165.9	165.8	-117.76	118.9	-5,818.1	186.4	-111.0	297.43	0.627	Level 1
13,100.0	7,125.2	13,170.0	7,212.0	168.7	168.6	-117.76	115.4	-5,918.0	186.4	-116.0	302.40	0.617	Level 1
13,200.0	7,124.5	13,270.0	7,211.3	171.5	171.4	-117.76	111.8	-6,017.9	186.4	-120.9	307.38	0.607	Level 1
13,300.0	7,123.8	13,370.0	7,210.7	174.3	174.2	-117.77	108.3	-6,117.9	186.5	-125.9	312.36	0.597	Level 1
13,400.0	7,123.1	13,470.0	7,210.0	177.0	177.0	-117.77	104.8	-6,217.8	186.5	-130.9	317.34	0.588	Level 1
13,500.0	7,122.4	13,570.0	7,209.3	179.8	179.8	-117.78	101.3	-6,317.7	186.5	-135.8	322.32	0.579	Level 1
13,600.0	7,121.7	13,670.0	7,208.6	182.6	182.5	-117.78	97.8	-6,417.7	186.5	-140.8	327.30	0.570	Level 1
13,700.0	7,121.0	13,770.0	7,207.9	185.4	185.3	-117.78	94.3	-6,517.6	186.5	-145.8	332.28	0.561	Level 1
13,800.0	7,120.3	13,870.0	7,207.2	188.2	188.1	-117.79	90.7	-6,617.5	186.5	-150.8	337.26	0.553	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 P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth Q-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

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
13,900.0	7,119.6	13,970.0	7,206.6	191.0	190.9	-117.79	87.2	-6,717.5	186.5	-155.7	342.24	0.545	Level 1
14,000.0	7,118.9	14,070.0	7,205.9	193.8	193.7	-117.80	83.7	-6,817.4	186.5	-160.7	347.22	0.537	Level 1
14,100.0	7,118.2	14,170.0	7,205.2	196.6	196.5	-117.80	80.2	-6,917.4	186.5	-165.7	352.20	0.530	Level 1
14,200.0	7,117.5	14,270.0	7,204.5	199.4	199.3	-117.80	76.7	-7,017.3	186.5	-170.7	357.18	0.522	Level 1
14,300.0	7,116.8	14,370.0	7,203.8	202.2	202.1	-117.81	73.1	-7,117.2	186.5	-175.6	362.16	0.515	Level 1
14,400.0	7,116.1	14,470.0	7,203.2	205.0	204.9	-117.81	69.6	-7,217.2	186.5	-180.6	367.14	0.508	Level 1
14,418.8	7,116.0	14,488.8	7,203.0	205.5	205.4	-117.81	69.0	-7,236.0	186.5	-181.6	368.08	0.507	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth R-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.93	-29.9	0.6	29.9				
100.0	100.0	100.0	100.0	0.1	0.1	178.93	-29.9	0.6	29.9	29.7	0.22	132.935	
200.0	200.0	200.0	200.0	0.3	0.3	178.93	-29.9	0.6	29.9	29.2	0.67	44.312	CC
300.0	300.0	300.0	300.0	0.6	0.6	106.34	-29.9	0.6	30.2	29.1	1.12	27.058	
400.0	399.9	399.9	399.9	0.8	0.8	113.17	-29.9	0.6	31.6	30.0	1.57	20.153	
500.0	499.7	499.7	499.7	1.0	1.0	143.81	-29.9	0.6	35.2	33.2	2.03	17.324	
600.0	599.5	599.5	599.5	1.3	1.2	162.85	-29.9	0.6	41.8	39.3	2.50	16.734	
700.0	699.0	700.2	700.2	1.5	1.5	173.17	-29.0	1.5	49.8	46.9	2.96	16.863	
800.0	798.3	801.1	801.1	1.8	1.7	177.80	-26.4	4.5	58.0	54.6	3.41	17.001	
815.1	813.4	816.4	816.3	1.8	1.7	178.17	-25.8	5.2	59.2	55.7	3.48	17.017	
900.0	897.5	902.3	902.0	2.1	1.9	176.10	-22.0	9.5	65.4	61.5	3.86	16.922	
1,000.0	996.6	1,003.0	1,002.3	2.4	2.2	173.15	-15.9	16.3	70.8	66.5	4.33	16.347	
1,100.0	1,095.7	1,102.8	1,101.7	2.7	2.4	170.42	-9.6	23.5	76.0	71.2	4.82	15.780	
1,200.0	1,194.8	1,202.6	1,201.0	3.0	2.7	168.04	-3.3	30.7	81.3	76.0	5.31	15.315	
1,300.0	1,294.0	1,302.5	1,300.3	3.3	2.9	165.96	3.1	37.9	86.7	80.9	5.81	14.927	
1,400.0	1,393.1	1,402.3	1,399.7	3.6	3.2	164.12	9.4	45.0	92.3	85.9	6.32	14.599	
1,500.0	1,492.2	1,502.1	1,499.0	4.0	3.5	162.49	15.7	52.2	97.9	91.0	6.83	14.319	
1,600.0	1,591.3	1,601.9	1,598.4	4.3	3.7	161.04	22.1	59.4	103.6	96.2	7.36	14.077	
1,700.0	1,690.5	1,701.7	1,697.7	4.6	4.0	159.74	28.4	66.5	109.3	101.4	7.88	13.865	
1,800.0	1,789.6	1,801.5	1,797.1	4.9	4.3	158.57	34.7	73.7	115.1	106.7	8.41	13.680	
1,900.0	1,888.7	1,901.3	1,896.4	5.3	4.6	157.52	41.1	80.9	120.9	112.0	8.95	13.515	
2,000.0	1,987.8	2,001.1	1,995.8	5.6	4.8	156.56	47.4	88.0	126.8	117.3	9.49	13.369	
2,100.0	2,087.0	2,100.9	2,095.1	5.9	5.1	155.69	53.8	95.2	132.7	122.7	10.03	13.238	
2,200.0	2,186.1	2,200.7	2,194.5	6.2	5.4	154.89	60.1	102.4	138.7	128.1	10.57	13.120	
2,300.0	2,285.2	2,300.5	2,293.8	6.6	5.7	154.15	66.4	109.6	144.6	133.5	11.11	13.013	
2,400.0	2,384.3	2,400.3	2,393.2	6.9	6.0	153.48	72.8	116.7	150.6	138.9	11.66	12.916	
2,500.0	2,483.5	2,500.1	2,492.5	7.2	6.2	152.86	79.1	123.9	156.6	144.4	12.21	12.828	
2,600.0	2,582.6	2,599.9	2,591.8	7.5	6.5	152.28	85.4	131.1	162.6	149.9	12.76	12.747	
2,700.0	2,681.7	2,699.7	2,691.2	7.9	6.8	151.74	91.8	138.2	168.7	155.3	13.31	12.673	
2,800.0	2,780.8	2,799.5	2,790.5	8.2	7.1	151.24	98.1	145.4	174.7	160.8	13.86	12.605	
2,900.0	2,880.0	2,899.3	2,889.9	8.5	7.4	150.78	104.4	152.6	180.8	166.4	14.41	12.541	
3,000.0	2,979.1	2,999.2	2,989.2	8.9	7.6	150.34	110.8	159.7	186.8	171.9	14.97	12.483	
3,100.0	3,078.2	3,099.0	3,088.6	9.2	7.9	149.93	117.1	166.9	192.9	177.4	15.52	12.429	
3,200.0	3,177.3	3,198.8	3,187.9	9.5	8.2	149.55	123.4	174.1	199.0	182.9	16.08	12.378	
3,300.0	3,276.5	3,298.6	3,287.3	9.8	8.5	149.19	129.8	181.3	205.1	188.5	16.63	12.331	
3,400.0	3,375.6	3,398.4	3,386.6	10.2	8.8	148.85	136.1	188.4	211.2	194.0	17.19	12.286	
3,500.0	3,474.7	3,498.2	3,486.0	10.5	9.1	148.53	142.4	195.6	217.3	199.6	17.75	12.245	
3,600.0	3,573.8	3,598.0	3,585.3	10.8	9.3	148.23	148.8	202.8	223.4	205.1	18.31	12.206	
3,700.0	3,673.0	3,697.8	3,684.7	11.2	9.6	147.94	155.1	209.9	229.6	210.7	18.86	12.170	
3,800.0	3,772.1	3,795.1	3,781.6	11.5	9.9	147.79	160.9	216.5	236.0	216.6	19.39	12.173	
3,900.0	3,871.2	3,890.5	3,876.8	11.8	10.1	148.24	164.7	220.8	244.1	224.3	19.81	12.321	
4,000.0	3,970.3	3,985.5	3,971.7	12.1	10.2	149.25	166.3	222.7	254.0	233.8	20.17	12.589	
4,100.0	4,069.5	4,083.2	4,069.5	12.5	10.4	150.66	166.4	222.8	265.3	244.8	20.52	12.932	
4,200.0	4,168.6	4,182.3	4,168.6	12.8	10.6	152.00	166.4	222.8	276.9	256.0	20.88	13.261	
4,300.0	4,267.7	4,281.5	4,267.7	13.1	10.8	153.23	166.4	222.8	288.7	267.4	21.26	13.578	
4,400.0	4,366.8	4,380.6	4,366.8	13.5	10.9	154.36	166.4	222.8	300.5	278.9	21.64	13.886	
4,455.4	4,421.8	4,435.5	4,421.8	13.6	11.0	154.95	166.4	222.8	307.2	285.3	21.86	14.053	
4,500.0	4,466.0	4,479.8	4,466.0	13.8	11.1	155.42	166.4	222.8	312.2	290.2	22.03	14.174	
4,600.0	4,565.5	4,579.3	4,565.5	14.0	11.3	156.23	166.4	222.8	321.3	298.9	22.37	14.361	
4,700.0	4,665.3	4,679.0	4,665.3	14.2	11.5	156.73	166.4	222.8	327.2	304.5	22.71	14.409	
4,800.0	4,765.2	4,779.0	4,765.2	14.4	11.7	156.96	166.4	222.8	329.9	306.9	23.03	14.327	
4,834.8	4,800.0	4,813.7	4,800.0	14.4	11.8	179.52	166.4	222.8	330.1	305.0	25.07	13.166	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth R-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,900.0	4,865.2	4,879.0	4,865.2	14.5	11.9	179.52	166.4	222.8	330.1	304.8	25.30	13.046	
5,000.0	4,965.2	4,979.0	4,965.2	14.7	12.1	179.52	166.4	222.8	330.1	304.4	25.67	12.858	
5,100.0	5,065.2	5,079.0	5,065.2	14.8	12.3	179.52	166.4	222.8	330.1	304.0	26.04	12.675	
5,200.0	5,165.2	5,179.0	5,165.2	15.0	12.5	179.52	166.4	222.8	330.1	303.7	26.41	12.496	
5,300.0	5,265.2	5,279.0	5,265.2	15.1	12.7	179.52	166.4	222.8	330.1	303.3	26.79	12.321	
5,400.0	5,365.2	5,379.0	5,365.2	15.3	12.9	179.52	166.4	222.8	330.1	302.9	27.17	12.150	
5,500.0	5,465.2	5,479.0	5,465.2	15.5	13.1	179.52	166.4	222.8	330.1	302.5	27.55	11.982	
5,600.0	5,565.2	5,579.0	5,565.2	15.6	13.3	179.52	166.4	222.8	330.1	302.2	27.93	11.819	
5,700.0	5,665.2	5,679.0	5,665.2	15.8	13.5	179.52	166.4	222.8	330.1	301.8	28.31	11.659	
5,800.0	5,765.2	5,779.0	5,765.2	16.0	13.7	179.52	166.4	222.8	330.1	301.4	28.70	11.502	
5,900.0	5,865.2	5,879.0	5,865.2	16.2	13.9	179.52	166.4	222.8	330.1	301.0	29.08	11.349	
6,000.0	5,965.2	5,979.0	5,965.2	16.3	14.1	179.52	166.4	222.8	330.1	300.6	29.47	11.200	
6,100.0	6,065.2	6,079.0	6,065.2	16.5	14.3	179.52	166.4	222.8	330.1	300.2	29.86	11.053	
6,200.0	6,165.2	6,179.0	6,165.2	16.7	14.5	179.52	166.4	222.8	330.1	299.8	30.26	10.910	
6,300.0	6,265.2	6,279.0	6,265.2	16.9	14.7	179.52	166.4	222.8	330.1	299.4	30.65	10.770	
6,400.0	6,365.2	6,379.0	6,365.2	17.0	14.9	179.52	166.4	222.8	330.1	299.0	31.04	10.633	
6,500.0	6,465.2	6,479.0	6,465.2	17.2	15.1	179.52	166.4	222.8	330.1	298.6	31.44	10.499	
6,535.5	6,500.7	6,514.5	6,500.7	17.3	15.2	179.52	166.4	222.8	330.1	298.5	31.58	10.452	
6,600.0	6,565.2	6,578.0	6,564.2	17.4	15.3	179.95	166.3	220.3	330.2	298.3	31.84	10.370	
6,625.8	6,591.1	6,603.1	6,589.1	17.4	15.4	-179.55	166.2	217.4	330.3	298.3	31.95	10.336	
6,650.0	6,615.2	6,626.4	6,612.1	17.5	15.4	-86.97	166.1	213.8	330.4	300.0	30.47	10.846	
6,700.0	6,665.0	6,674.2	6,658.8	17.5	15.4	-85.83	165.7	203.4	330.9	300.3	30.53	10.837	
6,750.0	6,714.3	6,721.5	6,703.9	17.6	15.5	-84.73	165.2	189.3	331.4	300.8	30.57	10.840	
6,800.0	6,762.6	6,768.4	6,747.4	17.6	15.5	-83.67	164.6	171.8	332.0	301.4	30.60	10.850	
6,850.0	6,809.6	6,814.8	6,788.8	17.7	15.5	-82.66	163.9	151.0	332.7	302.1	30.62	10.865	
6,900.0	6,854.9	6,860.8	6,828.1	17.7	15.5	-81.71	163.1	127.1	333.5	302.8	30.65	10.880	
6,950.0	6,898.2	6,906.5	6,865.1	17.7	15.6	-80.83	162.1	100.3	334.3	303.6	30.70	10.888	
7,000.0	6,939.2	6,950.0	6,898.3	17.7	15.6	-80.04	161.1	72.2	335.1	304.3	30.78	10.885	
7,050.0	6,977.5	6,996.9	6,931.5	17.7	15.7	-79.27	159.9	39.1	335.9	305.0	30.93	10.859	
7,100.0	7,012.9	7,041.7	6,960.6	17.7	15.8	-78.61	158.8	5.2	336.6	305.5	31.16	10.805	
7,150.0	7,045.1	7,086.2	6,986.8	17.7	16.0	-78.02	157.5	-30.8	337.4	305.9	31.48	10.717	
7,200.0	7,073.8	7,130.6	7,010.1	17.7	16.3	-77.52	156.2	-68.6	338.0	306.1	31.92	10.590	
7,250.0	7,098.9	7,174.8	7,030.3	17.7	16.7	-77.10	154.8	-107.8	338.5	306.0	32.49	10.418	
7,300.0	7,120.1	7,218.8	7,047.4	17.9	17.1	-76.76	153.3	-148.4	339.0	305.8	33.22	10.205	
7,350.0	7,137.3	7,262.8	7,061.3	18.2	17.6	-76.52	151.9	-190.1	339.3	305.2	34.10	9.952	
7,400.0	7,150.3	7,306.7	7,071.9	18.8	18.2	-76.36	150.4	-232.6	339.6	304.4	35.13	9.667	
7,450.0	7,159.0	7,350.0	7,079.1	19.4	18.8	-76.29	148.9	-275.3	339.7	303.4	36.30	9.357	
7,500.0	7,163.4	7,394.4	7,083.2	20.2	19.5	-76.32	147.3	-319.4	339.6	302.0	37.63	9.026	
7,529.8	7,164.0	7,420.5	7,084.0	20.6	19.9	-76.37	146.4	-345.6	339.5	301.1	38.47	8.826	
7,529.9	7,164.0	7,420.6	7,084.0	20.6	19.9	-76.37	146.4	-345.7	339.5	301.1	38.48	8.825	
7,530.5	7,164.0	7,421.1	7,084.0	20.6	19.9	-76.37	146.4	-346.2	339.5	301.0	38.49	8.821	
7,559.9	7,163.8	7,449.6	7,083.9	21.1	20.4	-76.39	145.4	-374.6	339.5	300.1	39.46	8.605	
7,600.0	7,163.5	7,489.6	7,083.6	21.8	21.1	-76.39	143.9	-414.7	339.5	298.7	40.81	8.320	
7,700.0	7,162.8	7,589.6	7,083.0	23.7	23.0	-76.41	140.4	-514.6	339.5	295.0	44.50	7.629	
7,800.0	7,162.1	7,689.6	7,082.4	25.7	25.1	-76.42	136.9	-614.5	339.5	291.0	48.52	6.996	
7,900.0	7,161.4	7,789.6	7,081.8	27.9	27.3	-76.43	133.4	-714.5	339.5	286.6	52.81	6.428	
8,000.0	7,160.7	7,889.6	7,081.2	30.2	29.6	-76.45	129.9	-814.4	339.4	282.1	57.29	5.925	
8,100.0	7,160.0	7,989.6	7,080.6	32.5	31.9	-76.46	126.4	-914.3	339.4	277.5	61.93	5.480	
8,200.0	7,159.3	8,089.6	7,080.0	34.9	34.4	-76.48	122.8	-1,014.3	339.4	272.7	66.70	5.088	
8,300.0	7,158.6	8,189.6	7,079.4	37.4	36.9	-76.49	119.3	-1,114.2	339.4	267.8	71.57	4.742	
8,400.0	7,157.9	8,289.6	7,078.7	39.9	39.4	-76.51	115.8	-1,214.1	339.3	262.8	76.52	4.435	
8,500.0	7,157.2	8,389.6	7,078.1	42.5	42.0	-76.52	112.3	-1,314.1	339.3	257.8	81.53	4.162	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth R-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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
8,600.0	7,156.5	8,489.6	7,077.5	45.1	44.6	-76.53	108.8	-1,414.0	339.3	252.7	86.60	3.918	
8,700.0	7,155.8	8,589.6	7,076.9	47.7	47.2	-76.55	105.3	-1,513.9	339.3	247.6	91.72	3.699	
8,800.0	7,155.2	8,689.6	7,076.3	50.3	49.9	-76.56	101.7	-1,613.9	339.3	242.4	96.87	3.502	
8,900.0	7,154.5	8,789.6	7,075.7	52.9	52.5	-76.58	98.2	-1,713.8	339.2	237.2	102.06	3.324	
9,000.0	7,153.8	8,889.6	7,075.1	55.6	55.2	-76.59	94.7	-1,813.8	339.2	232.0	107.27	3.162	
9,100.0	7,153.1	8,989.6	7,074.5	58.3	57.9	-76.61	91.2	-1,913.7	339.2	226.7	112.51	3.015	
9,200.0	7,152.4	9,089.6	7,073.9	60.9	60.6	-76.62	87.7	-2,013.6	339.2	221.4	117.78	2.880	
9,300.0	7,151.7	9,189.6	7,073.3	63.6	63.3	-76.63	84.2	-2,113.6	339.2	216.1	123.06	2.756	
9,400.0	7,151.0	9,289.6	7,072.7	66.3	66.0	-76.65	80.6	-2,213.5	339.1	210.8	128.35	2.642	
9,500.0	7,150.3	9,389.6	7,072.0	69.1	68.7	-76.66	77.1	-2,313.4	339.1	205.5	133.66	2.537	
9,600.0	7,149.6	9,489.6	7,071.4	71.8	71.4	-76.68	73.6	-2,413.4	339.1	200.1	138.99	2.440	
9,700.0	7,148.9	9,589.6	7,070.8	74.5	74.2	-76.69	70.1	-2,513.3	339.1	194.8	144.32	2.349	
9,800.0	7,148.2	9,689.6	7,070.2	77.2	76.9	-76.71	66.6	-2,613.2	339.1	189.4	149.67	2.265	
9,900.0	7,147.5	9,789.6	7,069.6	80.0	79.6	-76.72	63.1	-2,713.2	339.0	184.0	155.03	2.187	
10,000.0	7,146.8	9,889.6	7,069.0	82.7	82.4	-76.73	59.5	-2,813.1	339.0	178.6	160.39	2.114	
10,100.0	7,146.1	9,989.6	7,068.4	85.4	85.1	-76.75	56.0	-2,913.1	339.0	173.2	165.76	2.045	
10,200.0	7,145.4	10,089.6	7,067.8	88.2	87.9	-76.76	52.5	-3,013.0	339.0	167.8	171.14	1.981	
10,300.0	7,144.7	10,189.6	7,067.2	90.9	90.6	-76.78	49.0	-3,112.9	339.0	162.4	176.53	1.920	
10,400.0	7,144.0	10,289.6	7,066.6	93.7	93.4	-76.79	45.5	-3,212.9	338.9	157.0	181.92	1.863	
10,500.0	7,143.3	10,389.6	7,065.9	96.5	96.2	-76.81	42.0	-3,312.8	338.9	151.6	187.31	1.809	
10,600.0	7,142.6	10,489.6	7,065.3	99.2	98.9	-76.82	38.4	-3,412.7	338.9	146.2	192.71	1.759	
10,700.0	7,141.9	10,589.6	7,064.7	102.0	101.7	-76.83	34.9	-3,512.7	338.9	140.8	198.12	1.710	
10,800.0	7,141.2	10,689.6	7,064.1	104.7	104.5	-76.85	31.4	-3,612.6	338.9	135.3	203.53	1.665	
10,900.0	7,140.5	10,789.6	7,063.5	107.5	107.2	-76.86	27.9	-3,712.5	338.8	129.9	208.95	1.622	
11,000.0	7,139.8	10,889.6	7,062.9	110.3	110.0	-76.88	24.4	-3,812.5	338.8	124.5	214.37	1.581	
11,100.0	7,139.1	10,989.6	7,062.3	113.0	112.8	-76.89	20.9	-3,912.4	338.8	119.0	219.79	1.541	
11,200.0	7,138.4	11,089.6	7,061.7	115.8	115.6	-76.91	17.3	-4,012.4	338.8	113.6	225.21	1.504	
11,300.0	7,137.7	11,189.6	7,061.1	118.6	118.3	-76.92	13.8	-4,112.3	338.8	108.1	230.64	1.469	Level 3
11,400.0	7,137.0	11,289.6	7,060.5	121.4	121.1	-76.93	10.3	-4,212.2	338.7	102.7	236.07	1.435	Level 3
11,500.0	7,136.3	11,389.6	7,059.9	124.1	123.9	-76.95	6.8	-4,312.2	338.7	97.2	241.51	1.403	Level 3
11,600.0	7,135.6	11,489.6	7,059.2	126.9	126.7	-76.96	3.3	-4,412.1	338.7	91.8	246.95	1.372	Level 3
11,700.0	7,134.9	11,589.6	7,058.6	129.7	129.5	-76.98	-0.3	-4,512.0	338.7	86.3	252.39	1.342	Level 3
11,800.0	7,134.2	11,689.6	7,058.0	132.5	132.2	-76.99	-3.8	-4,612.0	338.7	80.8	257.83	1.314	Level 3
11,900.0	7,133.6	11,789.6	7,057.4	135.3	135.0	-77.01	-7.3	-4,711.9	338.6	75.4	263.27	1.286	Level 3
12,000.0	7,132.9	11,889.6	7,056.8	138.0	137.8	-77.02	-10.8	-4,811.8	338.6	69.9	268.72	1.260	Level 3
12,100.0	7,132.2	11,989.6	7,056.2	140.8	140.6	-77.04	-14.3	-4,911.8	338.6	64.4	274.17	1.235	Level 2
12,200.0	7,131.5	12,089.6	7,055.6	143.6	143.4	-77.05	-17.8	-5,011.7	338.6	59.0	279.62	1.211	Level 2
12,300.0	7,130.8	12,189.6	7,055.0	146.4	146.2	-77.06	-21.4	-5,111.7	338.6	53.5	285.07	1.188	Level 2
12,400.0	7,130.1	12,289.6	7,054.4	149.2	148.9	-77.08	-24.9	-5,211.6	338.5	48.0	290.53	1.165	Level 2
12,500.0	7,129.4	12,389.6	7,053.8	152.0	151.7	-77.09	-28.4	-5,311.5	338.5	42.5	295.98	1.144	Level 2
12,600.0	7,128.7	12,489.6	7,053.1	154.7	154.5	-77.11	-31.9	-5,411.5	338.5	37.1	301.44	1.123	Level 2
12,700.0	7,128.0	12,589.6	7,052.5	157.5	157.3	-77.12	-35.4	-5,511.4	338.5	31.6	306.90	1.103	Level 2
12,800.0	7,127.3	12,689.6	7,051.9	160.3	160.1	-77.14	-38.9	-5,611.3	338.5	26.1	312.36	1.084	Level 2
12,900.0	7,126.6	12,789.6	7,051.3	163.1	162.9	-77.15	-42.5	-5,711.3	338.4	20.6	317.83	1.065	Level 2
13,000.0	7,125.9	12,889.6	7,050.7	165.9	165.7	-77.16	-46.0	-5,811.2	338.4	15.1	323.29	1.047	Level 2
13,100.0	7,125.2	12,989.6	7,050.1	168.7	168.5	-77.18	-49.5	-5,911.1	338.4	9.6	328.76	1.029	Level 2
13,200.0	7,124.5	13,089.6	7,049.5	171.5	171.2	-77.19	-53.0	-6,011.1	338.4	4.2	334.22	1.012	Level 2
13,300.0	7,123.8	13,189.6	7,048.9	174.3	174.0	-77.21	-56.5	-6,111.0	338.4	-1.3	339.69	0.996	Level 1
13,400.0	7,123.1	13,289.6	7,048.3	177.0	176.8	-77.22	-60.0	-6,211.0	338.3	-6.8	345.16	0.980	Level 1
13,500.0	7,122.4	13,389.6	7,047.7	179.8	179.6	-77.24	-63.6	-6,310.9	338.3	-12.3	350.63	0.965	Level 1
13,600.0	7,121.7	13,489.6	7,047.0	182.6	182.4	-77.25	-67.1	-6,410.8	338.3	-17.8	356.11	0.950	Level 1
13,700.0	7,121.0	13,589.6	7,046.4	185.4	185.2	-77.27	-70.6	-6,510.8	338.3	-23.3	361.58	0.936	Level 1

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth R-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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
13,800.0	7,120.3	13,689.6	7,045.8	188.2	188.0	-77.28	-74.1	-6,610.7	338.3	-28.8	367.06	0.922	Level 1
13,900.0	7,119.6	13,789.6	7,045.2	191.0	190.8	-77.29	-77.6	-6,710.6	338.2	-34.3	372.53	0.908	Level 1
14,000.0	7,118.9	13,889.6	7,044.6	193.8	193.6	-77.31	-81.1	-6,810.6	338.2	-39.8	378.01	0.895	Level 1
14,100.0	7,118.2	13,989.6	7,044.0	196.6	196.4	-77.32	-84.7	-6,910.5	338.2	-45.3	383.49	0.882	Level 1
14,200.0	7,117.5	14,089.6	7,043.4	199.4	199.2	-77.34	-88.2	-7,010.4	338.2	-50.8	388.97	0.869	Level 1
14,300.0	7,116.8	14,189.6	7,042.8	202.2	202.0	-77.35	-91.7	-7,110.4	338.2	-56.3	394.45	0.857	Level 1
14,400.0	7,116.1	14,289.6	7,042.2	205.0	204.8	-77.37	-95.2	-7,210.3	338.2	-61.8	399.93	0.846	Level 1
14,418.8	7,116.0	14,308.5	7,042.1	205.5	205.3	-77.37	-95.9	-7,229.1	338.1	-62.8	400.96	0.843	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth S-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.93	-44.8	0.8	44.8				
100.0	100.0	100.0	100.0	0.1	0.1	178.93	-44.8	0.8	44.8	44.6	0.22	199.403	
200.0	200.0	200.0	200.0	0.3	0.3	178.93	-44.8	0.8	44.8	44.1	0.67	66.468	CC
300.0	300.0	300.0	300.0	0.6	0.6	105.54	-44.8	0.8	45.2	44.0	1.12	40.429	ES
400.0	399.9	399.9	399.9	0.8	0.8	110.20	-44.8	0.8	46.4	44.8	1.56	29.627	
500.0	499.7	499.7	499.7	1.0	1.0	138.82	-44.8	0.8	49.7	47.7	2.03	24.467	
600.0	599.5	599.5	599.5	1.3	1.2	157.21	-44.8	0.8	56.0	53.5	2.50	22.395	
700.0	699.0	699.0	699.0	1.5	1.5	168.47	-44.8	0.8	65.0	62.0	2.96	21.915	
800.0	798.3	798.3	798.3	1.8	1.7	175.39	-44.8	0.8	76.5	73.1	3.43	22.332	
815.1	813.4	813.4	813.4	1.8	1.7	176.18	-44.8	0.8	78.5	75.0	3.50	22.450	
900.0	897.5	897.5	897.5	2.1	1.9	176.66	-44.8	0.8	89.7	85.8	3.87	23.142	
1,000.0	996.6	996.6	996.6	2.4	2.1	177.09	-44.8	0.8	102.8	98.5	4.32	23.782	
1,100.0	1,095.7	1,095.7	1,095.7	2.7	2.4	177.42	-44.8	0.8	116.0	111.3	4.78	24.289	
1,200.0	1,194.8	1,194.8	1,194.8	3.0	2.6	177.68	-44.8	0.8	129.2	124.0	5.23	24.699	
1,300.0	1,294.0	1,293.5	1,293.5	3.3	2.8	177.43	-45.3	1.8	142.6	136.9	5.67	25.143	
1,400.0	1,393.1	1,391.9	1,391.9	3.6	3.0	176.30	-47.1	5.1	156.3	150.2	6.10	25.624	
1,500.0	1,492.2	1,490.1	1,489.8	4.0	3.2	174.51	-50.0	10.6	170.5	164.0	6.54	26.068	
1,600.0	1,591.3	1,587.8	1,587.1	4.3	3.4	172.23	-54.0	18.2	185.5	178.5	7.00	26.488	
1,700.0	1,690.5	1,684.9	1,683.6	4.6	3.6	169.62	-59.2	28.0	201.3	193.8	7.48	26.901	
1,800.0	1,789.6	1,783.0	1,780.9	4.9	3.8	167.01	-65.0	39.1	217.9	209.9	7.99	27.285	
1,900.0	1,888.7	1,881.1	1,878.2	5.3	4.1	164.78	-70.9	50.2	234.9	226.4	8.50	27.634	
2,000.0	1,987.8	1,979.3	1,975.6	5.6	4.4	162.84	-76.8	61.3	252.3	243.2	9.03	27.950	
2,100.0	2,087.0	2,077.4	2,072.9	5.9	4.6	161.16	-82.6	72.4	269.8	260.3	9.56	28.237	
2,200.0	2,186.1	2,175.6	2,170.2	6.2	4.9	159.68	-88.5	83.5	287.6	277.5	10.09	28.498	
2,300.0	2,285.2	2,273.7	2,267.6	6.6	5.2	158.37	-94.4	94.6	305.5	294.9	10.63	28.739	
2,400.0	2,384.3	2,371.9	2,364.9	6.9	5.5	157.21	-100.2	105.7	323.6	312.4	11.17	28.960	
2,500.0	2,483.5	2,470.0	2,462.3	7.2	5.8	156.17	-106.1	116.8	341.7	330.0	11.72	29.164	
2,600.0	2,582.6	2,568.2	2,559.6	7.5	6.1	155.23	-112.0	127.9	360.0	347.8	12.27	29.352	
2,700.0	2,681.7	2,666.4	2,657.0	7.9	6.4	154.39	-117.9	139.0	378.4	365.6	12.81	29.527	
2,800.0	2,780.8	2,764.5	2,754.3	8.2	6.7	153.62	-123.7	150.1	396.8	383.4	13.37	29.690	
2,900.0	2,880.0	2,862.7	2,851.7	8.5	7.0	152.92	-129.6	161.2	415.3	401.4	13.92	29.842	
3,000.0	2,979.1	2,960.8	2,949.0	8.9	7.3	152.28	-135.5	172.3	433.9	419.4	14.47	29.984	
3,100.0	3,078.2	3,059.0	3,046.4	9.2	7.6	151.69	-141.3	183.4	452.5	437.4	15.02	30.117	
3,200.0	3,177.3	3,157.1	3,143.7	9.5	7.9	151.15	-147.2	194.5	471.1	455.5	15.58	30.241	
3,300.0	3,276.5	3,256.1	3,241.9	9.8	8.2	150.65	-153.1	205.7	489.8	473.6	16.13	30.359	
3,400.0	3,375.6	3,365.3	3,350.5	10.2	8.5	150.36	-158.5	215.9	507.2	490.6	16.66	30.450	
3,500.0	3,474.7	3,475.3	3,460.3	10.5	8.7	150.48	-162.0	222.5	522.6	505.4	17.15	30.472	
3,600.0	3,573.8	3,585.9	3,570.8	10.8	8.9	150.96	-163.5	225.4	535.8	518.2	17.61	30.419	
3,700.0	3,673.0	3,688.1	3,673.0	11.2	9.1	151.64	-163.6	225.5	547.5	529.4	18.05	30.333	
3,800.0	3,772.1	3,787.2	3,772.1	11.5	9.3	152.28	-163.6	225.5	559.1	540.6	18.48	30.249	
3,900.0	3,871.2	3,886.4	3,871.2	11.8	9.5	152.90	-163.6	225.5	570.9	552.0	18.92	30.170	
4,000.0	3,970.3	3,985.5	3,970.3	12.1	9.7	153.49	-163.6	225.5	582.7	563.3	19.36	30.098	
4,100.0	4,069.5	4,084.6	4,069.5	12.5	9.8	154.06	-163.6	225.5	594.5	574.7	19.80	30.032	
4,200.0	4,168.6	4,183.7	4,168.6	12.8	10.0	154.60	-163.6	225.5	606.5	586.2	20.24	29.971	
4,300.0	4,267.7	4,282.9	4,267.7	13.1	10.2	155.12	-163.6	225.5	618.4	597.8	20.67	29.914	
4,400.0	4,366.8	4,382.0	4,366.8	13.5	10.4	155.63	-163.6	225.5	630.4	609.3	21.11	29.862	
4,455.4	4,421.8	4,436.9	4,421.8	13.6	10.5	155.90	-163.6	225.5	637.1	615.8	21.36	29.834	
4,500.0	4,466.0	4,481.2	4,466.0	13.8	10.6	156.14	-163.6	225.5	642.2	620.6	21.56	29.791	
4,600.0	4,565.5	4,580.7	4,565.5	14.0	10.8	156.57	-163.6	225.5	651.3	629.3	21.96	29.657	
4,700.0	4,665.3	4,680.4	4,665.3	14.2	11.0	156.84	-163.6	225.5	657.2	634.9	22.34	29.421	
4,800.0	4,765.2	4,780.4	4,765.2	14.4	11.2	156.96	-163.6	225.5	659.9	637.3	22.69	29.087	
4,834.8	4,800.0	4,815.1	4,800.0	14.4	11.2	179.52	-163.6	225.5	660.1	635.7	24.40	27.053	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth S-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,900.0	4,865.2	4,880.4	4,865.2	14.5	11.4	179.52	-163.6	225.5	660.1	635.5	24.63	26.797	
5,000.0	4,965.2	4,980.4	4,965.2	14.7	11.6	179.52	-163.6	225.5	660.1	635.1	25.01	26.398	
5,100.0	5,065.2	5,080.4	5,065.2	14.8	11.8	179.52	-163.6	225.5	660.1	634.8	25.38	26.008	
5,200.0	5,165.2	5,180.4	5,165.2	15.0	12.0	179.52	-163.6	225.5	660.1	634.4	25.76	25.628	
5,300.0	5,265.2	5,280.4	5,265.2	15.1	12.2	179.52	-163.6	225.5	660.1	634.0	26.14	25.257	
5,400.0	5,365.2	5,380.4	5,365.2	15.3	12.4	179.52	-163.6	225.5	660.1	633.6	26.52	24.894	
5,500.0	5,465.2	5,480.4	5,465.2	15.5	12.6	179.52	-163.6	225.5	660.1	633.2	26.90	24.540	
5,600.0	5,565.2	5,580.4	5,565.2	15.6	12.8	179.52	-163.6	225.5	660.1	632.8	27.29	24.194	
5,700.0	5,665.2	5,680.4	5,665.2	15.8	13.0	179.52	-163.6	225.5	660.1	632.5	27.67	23.856	
5,800.0	5,765.2	5,780.4	5,765.2	16.0	13.2	179.52	-163.6	225.5	660.1	632.1	28.06	23.526	
5,900.0	5,865.2	5,880.4	5,865.2	16.2	13.4	179.52	-163.6	225.5	660.1	631.7	28.45	23.204	
6,000.0	5,965.2	5,980.4	5,965.2	16.3	13.6	179.52	-163.6	225.5	660.1	631.3	28.84	22.889	
6,100.0	6,065.2	6,080.4	6,065.2	16.5	13.8	179.52	-163.6	225.5	660.1	630.9	29.23	22.581	
6,200.0	6,165.2	6,180.4	6,165.2	16.7	14.0	179.52	-163.6	225.5	660.1	630.5	29.63	22.280	
6,300.0	6,265.2	6,280.4	6,265.2	16.9	14.2	179.52	-163.6	225.5	660.1	630.1	30.02	21.986	
6,400.0	6,365.2	6,380.4	6,365.2	17.0	14.4	179.52	-163.6	225.5	660.1	629.7	30.42	21.699	
6,500.0	6,465.2	6,480.4	6,465.2	17.2	14.6	179.52	-163.6	225.5	660.1	629.3	30.82	21.419	
6,600.0	6,565.2	6,580.4	6,565.2	17.4	14.8	179.52	-163.6	225.5	660.1	628.9	31.22	21.144	
6,615.7	6,580.9	6,596.1	6,580.9	17.4	14.9	179.52	-163.6	225.5	660.1	628.9	31.28	21.102	
6,625.8	6,591.1	6,606.1	6,590.9	17.4	14.9	179.52	-163.6	225.5	660.1	628.8	31.32	21.075	
6,650.0	6,615.2	6,629.5	6,614.4	17.5	14.9	-88.45	-163.6	224.9	660.1	629.9	30.23	21.839	
6,700.0	6,665.0	6,678.0	6,662.7	17.5	15.0	-88.43	-163.8	220.5	660.1	629.8	30.38	21.732	
6,750.0	6,714.3	6,726.5	6,710.4	17.6	15.1	-88.42	-164.1	212.1	660.1	629.7	30.50	21.647	
6,800.0	6,762.6	6,774.9	6,757.2	17.6	15.1	-88.43	-164.5	199.7	660.1	629.6	30.59	21.578	
6,850.0	6,809.6	6,823.4	6,802.8	17.7	15.2	-88.45	-165.1	183.4	660.1	629.5	30.68	21.519	
6,900.0	6,854.9	6,871.9	6,846.9	17.7	15.2	-88.48	-165.8	163.3	660.1	629.4	30.76	21.460	
6,950.0	6,898.2	6,920.4	6,889.2	17.7	15.3	-88.52	-166.6	139.5	660.1	629.3	30.86	21.391	
7,000.0	6,939.2	6,969.0	6,929.3	17.7	15.3	-88.57	-167.6	112.2	660.1	629.1	30.99	21.297	
7,050.0	6,977.5	7,017.6	6,967.0	17.7	15.4	-88.63	-168.7	81.6	660.1	628.9	31.19	21.165	
7,100.0	7,012.9	7,066.3	7,002.1	17.7	15.5	-88.70	-169.9	47.8	660.1	628.6	31.47	20.977	
7,150.0	7,045.1	7,115.1	7,034.1	17.7	15.7	-88.78	-171.2	11.1	660.1	628.2	31.85	20.721	
7,200.0	7,073.8	7,163.9	7,063.0	17.7	15.9	-88.87	-172.6	-28.2	660.0	627.7	32.38	20.385	
7,250.0	7,098.9	7,212.8	7,088.5	17.7	16.2	-88.97	-174.0	-70.0	660.0	627.0	33.06	19.966	
7,300.0	7,120.1	7,261.8	7,110.3	17.9	16.7	-89.08	-175.6	-113.8	660.0	626.1	33.90	19.467	
7,350.0	7,137.3	7,311.0	7,128.4	18.2	17.2	-89.19	-177.2	-159.4	660.0	625.1	34.93	18.896	
7,400.0	7,150.3	7,360.2	7,142.5	18.8	17.8	-89.31	-178.9	-206.5	660.0	623.8	36.12	18.270	
7,450.0	7,159.0	7,409.6	7,152.5	19.4	18.5	-89.43	-180.6	-254.8	660.0	622.5	37.48	17.609	
7,500.0	7,163.4	7,459.0	7,158.4	20.2	19.2	-89.56	-182.3	-303.9	659.9	621.0	38.97	16.933	
7,529.8	7,164.0	7,488.6	7,159.9	20.6	19.7	-89.64	-183.3	-333.4	659.9	620.0	39.93	16.529	
7,529.9	7,164.0	7,488.7	7,159.9	20.6	19.7	-89.64	-183.3	-333.5	659.9	620.0	39.93	16.528	
7,530.5	7,164.0	7,489.3	7,159.9	20.6	19.7	-89.64	-183.4	-334.1	659.9	620.0	39.95	16.520	
7,544.6	7,163.9	7,503.2	7,160.0	20.9	19.9	-89.66	-183.9	-348.0	659.9	619.5	40.42	16.329	
7,600.0	7,163.5	7,558.7	7,159.6	21.8	20.9	-89.66	-185.8	-403.5	659.9	617.6	42.35	15.581	
7,700.0	7,162.8	7,658.7	7,158.9	23.7	22.8	-89.66	-189.3	-503.4	659.9	613.8	46.14	14.302	
7,800.0	7,162.1	7,758.7	7,158.1	25.7	24.9	-89.65	-192.8	-603.4	659.9	609.7	50.27	13.128	
7,900.0	7,161.4	7,858.7	7,157.4	27.9	27.1	-89.65	-196.4	-703.3	659.9	605.3	54.66	12.074	
8,000.0	7,160.7	7,958.7	7,156.7	30.2	29.4	-89.65	-199.9	-803.2	659.9	600.7	59.25	11.138	
8,100.0	7,160.0	8,058.7	7,155.9	32.5	31.8	-89.64	-203.4	-903.2	659.9	595.9	64.01	10.310	
8,200.0	7,159.3	8,158.7	7,155.2	34.9	34.3	-89.64	-206.9	-1,003.1	659.9	591.0	68.89	9.579	
8,300.0	7,158.6	8,258.7	7,154.4	37.4	36.8	-89.64	-210.4	-1,103.1	659.9	586.1	73.88	8.932	
8,400.0	7,157.9	8,358.7	7,153.7	39.9	39.3	-89.63	-214.0	-1,203.0	659.9	581.0	78.95	8.359	
8,500.0	7,157.2	8,458.7	7,152.9	42.5	41.9	-89.63	-217.5	-1,302.9	659.9	575.9	84.09	7.848	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth S-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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
8,600.0	7,156.5	8,558.7	7,152.2	45.1	44.5	-89.62	-221.0	-1,402.9	659.9	570.7	89.29	7.391	
8,700.0	7,155.8	8,658.7	7,151.5	47.7	47.1	-89.62	-224.5	-1,502.8	659.9	565.4	94.53	6.981	
8,800.0	7,155.2	8,758.7	7,150.7	50.3	49.8	-89.62	-228.0	-1,602.7	659.9	560.1	99.81	6.612	
8,900.0	7,154.5	8,858.7	7,150.0	52.9	52.4	-89.61	-231.5	-1,702.7	659.9	554.8	105.13	6.278	
9,000.0	7,153.8	8,958.7	7,149.2	55.6	55.1	-89.61	-235.1	-1,802.6	659.9	549.5	110.47	5.974	
9,100.0	7,153.1	9,058.7	7,148.5	58.3	57.8	-89.60	-238.6	-1,902.5	659.9	544.1	115.84	5.697	
9,200.0	7,152.4	9,158.7	7,147.8	60.9	60.5	-89.60	-242.1	-2,002.5	659.9	538.7	121.23	5.444	
9,300.0	7,151.7	9,258.7	7,147.0	63.6	63.2	-89.60	-245.6	-2,102.4	659.9	533.3	126.64	5.211	
9,400.0	7,151.0	9,358.7	7,146.3	66.3	65.9	-89.59	-249.1	-2,202.3	659.9	527.9	132.06	4.997	
9,500.0	7,150.3	9,458.7	7,145.5	69.1	68.6	-89.59	-252.6	-2,302.3	659.9	522.4	137.50	4.799	
9,600.0	7,149.6	9,558.7	7,144.8	71.8	71.4	-89.59	-256.2	-2,402.2	659.9	517.0	142.96	4.616	
9,700.0	7,148.9	9,658.7	7,144.1	74.5	74.1	-89.58	-259.7	-2,502.1	659.9	511.5	148.42	4.446	
9,800.0	7,148.2	9,758.7	7,143.3	77.2	76.8	-89.58	-263.2	-2,602.1	659.9	506.1	153.89	4.288	
9,900.0	7,147.5	9,858.7	7,142.6	80.0	79.6	-89.57	-266.7	-2,702.0	659.9	500.6	159.38	4.141	
10,000.0	7,146.8	9,958.7	7,141.8	82.7	82.3	-89.57	-270.2	-2,802.0	659.9	495.1	164.87	4.003	
10,100.0	7,146.1	10,058.7	7,141.1	85.4	85.1	-89.57	-273.7	-2,901.9	659.9	489.6	170.37	3.874	
10,200.0	7,145.4	10,158.7	7,140.4	88.2	87.8	-89.56	-277.3	-3,001.8	659.9	484.1	175.87	3.752	
10,300.0	7,144.7	10,258.7	7,139.6	90.9	90.6	-89.56	-280.8	-3,101.8	659.9	478.6	181.39	3.638	
10,400.0	7,144.0	10,358.7	7,138.9	93.7	93.3	-89.56	-284.3	-3,201.7	659.9	473.0	186.90	3.531	
10,500.0	7,143.3	10,458.7	7,138.1	96.5	96.1	-89.55	-287.8	-3,301.6	659.9	467.5	192.43	3.430	
10,600.0	7,142.6	10,558.7	7,137.4	99.2	98.9	-89.55	-291.3	-3,401.6	659.9	462.0	197.95	3.334	
10,700.0	7,141.9	10,658.7	7,136.7	102.0	101.6	-89.54	-294.8	-3,501.5	659.9	456.5	203.49	3.243	
10,800.0	7,141.2	10,758.7	7,135.9	104.7	104.4	-89.54	-298.4	-3,601.4	659.9	450.9	209.02	3.157	
10,900.0	7,140.5	10,858.7	7,135.2	107.5	107.2	-89.54	-301.9	-3,701.4	659.9	445.4	214.56	3.076	
11,000.0	7,139.8	10,958.7	7,134.4	110.3	110.0	-89.53	-305.4	-3,801.3	659.9	439.8	220.10	2.998	
11,100.0	7,139.1	11,058.7	7,133.7	113.0	112.7	-89.53	-308.9	-3,901.2	659.9	434.3	225.65	2.925	
11,200.0	7,138.4	11,158.7	7,133.0	115.8	115.5	-89.53	-312.4	-4,001.2	659.9	428.7	231.20	2.854	
11,300.0	7,137.7	11,258.7	7,132.2	118.6	118.3	-89.52	-315.9	-4,101.1	659.9	423.2	236.75	2.788	
11,400.0	7,137.0	11,358.7	7,131.5	121.4	121.1	-89.52	-319.5	-4,201.0	659.9	417.6	242.30	2.724	
11,500.0	7,136.3	11,458.7	7,130.7	124.1	123.8	-89.51	-323.0	-4,301.0	659.9	412.1	247.86	2.663	
11,600.0	7,135.6	11,558.7	7,130.0	126.9	126.6	-89.51	-326.5	-4,400.9	659.9	406.5	253.42	2.604	
11,700.0	7,134.9	11,658.7	7,129.3	129.7	129.4	-89.51	-330.0	-4,500.9	659.9	401.0	258.98	2.548	
11,800.0	7,134.2	11,758.7	7,128.5	132.5	132.2	-89.50	-333.5	-4,600.8	659.9	395.4	264.54	2.495	
11,900.0	7,133.6	11,858.7	7,127.8	135.3	135.0	-89.50	-337.0	-4,700.7	659.9	389.8	270.11	2.443	
12,000.0	7,132.9	11,958.7	7,127.0	138.0	137.8	-89.50	-340.6	-4,800.7	659.9	384.3	275.67	2.394	
12,100.0	7,132.2	12,058.7	7,126.3	140.8	140.5	-89.49	-344.1	-4,900.6	659.9	378.7	281.24	2.347	
12,200.0	7,131.5	12,158.7	7,125.6	143.6	143.3	-89.49	-347.6	-5,000.5	659.9	373.1	286.81	2.301	
12,300.0	7,130.8	12,258.7	7,124.8	146.4	146.1	-89.48	-351.1	-5,100.5	659.9	367.6	292.38	2.257	
12,400.0	7,130.1	12,358.7	7,124.1	149.2	148.9	-89.48	-354.6	-5,200.4	659.9	362.0	297.95	2.215	
12,500.0	7,129.4	12,458.7	7,123.3	152.0	151.7	-89.48	-358.2	-5,300.3	659.9	356.4	303.52	2.174	
12,600.0	7,128.7	12,558.7	7,122.6	154.7	154.5	-89.47	-361.7	-5,400.3	659.9	350.9	309.10	2.135	
12,700.0	7,128.0	12,658.7	7,121.9	157.5	157.3	-89.47	-365.2	-5,500.2	659.9	345.3	314.67	2.097	
12,800.0	7,127.3	12,758.7	7,121.1	160.3	160.0	-89.47	-368.7	-5,600.1	659.9	339.7	320.25	2.061	
12,900.0	7,126.6	12,858.7	7,120.4	163.1	162.8	-89.46	-372.2	-5,700.1	659.9	334.1	325.82	2.025	
13,000.0	7,125.9	12,958.7	7,119.6	165.9	165.6	-89.46	-375.7	-5,800.0	659.9	328.5	331.40	1.991	
13,100.0	7,125.2	13,058.7	7,118.9	168.7	168.4	-89.45	-379.3	-5,899.9	659.9	323.0	336.98	1.958	
13,200.0	7,124.5	13,158.7	7,118.2	171.5	171.2	-89.45	-382.8	-5,999.9	659.9	317.4	342.56	1.927	
13,300.0	7,123.8	13,258.7	7,117.4	174.3	174.0	-89.45	-386.3	-6,099.8	660.0	311.8	348.14	1.896	
13,400.0	7,123.1	13,358.7	7,116.7	177.0	176.8	-89.44	-389.8	-6,199.8	660.0	306.2	353.72	1.866	
13,500.0	7,122.4	13,458.7	7,115.9	179.8	179.6	-89.44	-393.3	-6,299.7	660.0	300.6	359.31	1.837	
13,600.0	7,121.7	13,558.7	7,115.2	182.6	182.4	-89.43	-396.8	-6,399.6	660.0	295.1	364.89	1.809	
13,700.0	7,121.0	13,658.7	7,114.5	185.4	185.2	-89.43	-400.4	-6,499.6	660.0	289.5	370.47	1.781	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth S-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

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
13,800.0	7,120.3	13,758.7	7,113.7	188.2	188.0	-89.43	-403.9	-6,599.5	660.0	283.9	376.06	1.755	
13,900.0	7,119.6	13,858.7	7,113.0	191.0	190.7	-89.42	-407.4	-6,699.4	660.0	278.3	381.64	1.729	
14,000.0	7,118.9	13,958.7	7,112.2	193.8	193.5	-89.42	-410.9	-6,799.4	660.0	272.7	387.23	1.704	
14,100.0	7,118.2	14,058.7	7,111.5	196.6	196.3	-89.42	-414.4	-6,899.3	660.0	267.1	392.81	1.680	
14,200.0	7,117.5	14,158.7	7,110.8	199.4	199.1	-89.41	-417.9	-6,999.2	660.0	261.6	398.40	1.657	
14,300.0	7,116.8	14,258.7	7,110.0	202.2	201.9	-89.41	-421.5	-7,099.2	660.0	256.0	403.99	1.634	
14,400.0	7,116.1	14,358.7	7,109.3	205.0	204.1	-89.40	-425.0	-7,199.1	660.0	251.0	409.00	1.614	
14,418.8	7,116.0	14,377.5	7,109.1	205.5	204.5	-89.40	-425.6	-7,217.9	660.0	250.1	409.86	1.610 SF	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth T-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.94	-60.1	1.1	60.1				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-60.1	1.1	60.1	59.9	0.22	267.491	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-60.1	1.1	60.1	59.4	0.67	89.164	CC
300.0	300.0	300.0	300.0	0.6	0.6	105.14	-60.1	1.1	60.5	59.3	1.12	54.130	ES
400.0	399.9	399.9	399.9	0.8	0.8	108.65	-60.1	1.1	61.6	60.0	1.56	39.373	
500.0	499.7	499.7	499.7	1.0	1.0	136.05	-60.1	1.1	64.8	62.7	2.03	31.891	
600.0	599.5	599.5	599.5	1.3	1.2	153.81	-60.1	1.1	70.8	68.3	2.50	28.331	
700.0	699.0	699.0	699.0	1.5	1.5	164.97	-60.1	1.1	79.6	76.7	2.97	26.842	
800.0	798.3	798.3	798.3	1.8	1.7	172.12	-60.1	1.1	91.1	87.6	3.43	26.548	SF
815.1	813.4	813.4	813.4	1.8	1.7	172.96	-60.1	1.1	93.0	89.5	3.50	26.577	
900.0	897.5	897.5	897.5	2.1	1.9	173.71	-60.1	1.1	104.2	100.3	3.88	26.845	
1,000.0	996.6	996.6	996.6	2.4	2.1	174.42	-60.1	1.1	117.3	113.0	4.33	27.084	
1,100.0	1,095.7	1,094.0	1,094.0	2.7	2.3	174.54	-61.0	1.9	131.1	126.3	4.76	27.534	
1,200.0	1,194.8	1,190.9	1,190.8	3.0	2.5	173.82	-63.8	4.2	146.2	141.0	5.18	28.231	
1,300.0	1,294.0	1,287.3	1,287.0	3.3	2.7	172.51	-68.4	8.1	162.8	157.2	5.61	29.020	
1,400.0	1,393.1	1,383.0	1,382.3	3.6	2.9	170.82	-74.8	13.5	180.9	174.9	6.06	29.878	
1,500.0	1,492.2	1,479.6	1,478.3	4.0	3.1	168.94	-82.8	20.2	200.5	193.9	6.52	30.755	
1,600.0	1,591.3	1,577.4	1,575.6	4.3	3.3	167.33	-91.2	27.3	220.3	213.4	6.99	31.525	
1,700.0	1,690.5	1,675.2	1,672.8	4.6	3.6	165.98	-99.5	34.3	240.4	232.9	7.47	32.186	
1,800.0	1,789.6	1,773.1	1,770.0	4.9	3.8	164.84	-107.9	41.3	260.5	252.5	7.95	32.758	
1,900.0	1,888.7	1,870.9	1,867.2	5.3	4.1	163.86	-116.2	48.3	280.7	272.3	8.44	33.254	
2,000.0	1,987.8	1,968.7	1,964.5	5.6	4.4	163.01	-124.5	55.3	301.0	292.1	8.93	33.692	
2,100.0	2,087.0	2,066.5	2,061.7	5.9	4.6	162.27	-132.9	62.4	321.3	311.9	9.43	34.079	
2,200.0	2,186.1	2,164.4	2,158.9	6.2	4.9	161.62	-141.2	69.4	341.7	331.8	9.93	34.422	
2,300.0	2,285.2	2,262.2	2,256.1	6.6	5.2	161.04	-149.6	76.4	362.1	351.7	10.43	34.730	
2,400.0	2,384.3	2,360.0	2,353.3	6.9	5.5	160.53	-157.9	83.4	382.6	371.6	10.93	35.006	
2,500.0	2,483.5	2,457.9	2,450.6	7.2	5.8	160.06	-166.2	90.5	403.1	391.6	11.43	35.255	
2,600.0	2,582.6	2,555.7	2,547.8	7.5	6.1	159.64	-174.6	97.5	423.6	411.6	11.94	35.482	
2,700.0	2,681.7	2,653.5	2,645.0	7.9	6.4	159.26	-182.9	104.5	444.1	431.6	12.44	35.688	
2,800.0	2,780.8	2,751.4	2,742.2	8.2	6.6	158.92	-191.3	111.5	464.6	451.7	12.95	35.877	
2,900.0	2,880.0	2,849.2	2,839.5	8.5	6.9	158.60	-199.6	118.5	485.2	471.7	13.46	36.050	
3,000.0	2,979.1	2,947.0	2,936.7	8.9	7.2	158.31	-207.9	125.6	505.7	491.8	13.97	36.210	
3,100.0	3,078.2	3,044.9	3,033.9	9.2	7.5	158.04	-216.3	132.6	526.3	511.8	14.48	36.357	
3,200.0	3,177.3	3,142.7	3,131.1	9.5	7.8	157.79	-224.6	139.6	546.9	531.9	14.99	36.494	
3,300.0	3,276.5	3,240.5	3,228.3	9.8	8.1	157.56	-233.0	146.6	567.5	552.0	15.50	36.621	
3,400.0	3,375.6	3,338.4	3,325.6	10.2	8.4	157.34	-241.3	153.7	588.1	572.1	16.01	36.739	
3,500.0	3,474.7	3,436.2	3,422.8	10.5	8.7	157.14	-249.6	160.7	608.7	592.2	16.52	36.850	
3,600.0	3,573.8	3,534.0	3,520.0	10.8	9.0	156.96	-258.0	167.7	629.3	612.3	17.03	36.953	
3,700.0	3,673.0	3,631.8	3,617.2	11.2	9.3	156.78	-266.3	174.7	650.0	632.4	17.54	37.050	
3,800.0	3,772.1	3,729.7	3,714.4	11.5	9.6	156.62	-274.7	181.7	670.6	652.5	18.06	37.140	
3,900.0	3,871.2	3,827.5	3,811.7	11.8	9.9	156.46	-283.0	188.8	691.2	672.7	18.57	37.226	
4,000.0	3,970.3	3,925.3	3,908.9	12.1	10.2	156.32	-291.3	195.8	711.9	692.8	19.08	37.306	
4,100.0	4,069.5	4,023.2	4,006.1	12.5	10.5	156.18	-299.7	202.8	732.5	712.9	19.59	37.382	
4,200.0	4,168.6	4,121.0	4,103.3	12.8	10.8	156.05	-308.0	209.8	753.2	733.0	20.11	37.454	
4,300.0	4,267.7	4,224.1	4,205.8	13.1	11.1	155.93	-316.7	217.2	773.7	753.1	20.62	37.518	
4,400.0	4,366.8	4,349.0	4,330.3	13.5	11.4	155.95	-324.5	223.7	792.1	770.9	21.13	37.480	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth U-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.94	-75.0	1.4	75.1				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-75.0	1.4	75.1	74.8	0.22	333.958	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-75.0	1.4	75.1	74.4	0.67	111.319	CC
300.0	300.0	300.0	300.0	0.6	0.6	104.90	-75.0	1.4	75.4	74.3	1.12	67.506	ES
400.0	399.9	399.9	399.9	0.8	0.8	107.72	-75.0	1.4	76.5	74.9	1.56	48.904	
500.0	499.7	499.7	499.7	1.0	1.0	134.35	-75.0	1.4	79.5	77.5	2.03	39.184	
600.0	599.5	599.5	599.5	1.3	1.2	151.63	-75.0	1.4	85.5	83.0	2.50	34.189	
700.0	699.0	699.0	699.0	1.5	1.5	162.61	-75.0	1.4	94.1	91.2	2.97	31.718	
800.0	798.3	798.3	798.3	1.8	1.7	169.80	-75.0	1.4	105.5	102.1	3.43	30.723	
815.1	813.4	813.1	813.1	1.8	1.7	170.64	-75.1	1.4	107.4	103.9	3.50	30.701	SF
900.0	897.5	895.3	895.3	2.1	1.9	171.12	-76.1	2.0	119.4	115.5	3.86	30.938	
1,000.0	996.6	991.6	991.6	2.4	2.1	170.92	-79.3	3.7	135.2	130.9	4.27	31.633	
1,100.0	1,095.7	1,087.4	1,087.1	2.7	2.2	170.15	-84.5	6.5	152.8	148.1	4.70	32.521	
1,200.0	1,194.8	1,182.3	1,181.7	3.0	2.4	169.01	-91.9	10.5	172.4	167.3	5.14	33.545	
1,300.0	1,294.0	1,276.4	1,275.2	3.3	2.7	167.66	-101.1	15.5	193.9	188.3	5.59	34.676	
1,400.0	1,393.1	1,372.3	1,370.2	3.6	2.9	166.25	-112.2	21.5	216.9	210.9	6.06	35.816	
1,500.0	1,492.2	1,469.4	1,466.5	4.0	3.2	165.07	-123.5	27.7	240.2	233.7	6.53	36.785	
1,600.0	1,591.3	1,566.6	1,562.8	4.3	3.4	164.10	-134.9	33.8	263.6	256.6	7.01	37.610	
1,700.0	1,690.5	1,663.7	1,659.1	4.6	3.7	163.29	-146.2	40.0	287.0	279.5	7.49	38.317	
1,800.0	1,789.6	1,760.9	1,755.4	4.9	4.0	162.60	-157.5	46.1	310.4	302.5	7.98	38.909	
1,900.0	1,888.7	1,858.0	1,851.6	5.3	4.3	162.00	-168.8	52.3	333.9	325.5	8.47	39.436	
2,000.0	1,987.8	1,955.2	1,947.9	5.6	4.6	161.49	-180.2	58.4	357.5	348.5	8.96	39.894	
2,100.0	2,087.0	2,052.3	2,044.2	5.9	4.9	161.04	-191.5	64.6	381.0	371.6	9.45	40.297	
2,200.0	2,186.1	2,149.4	2,140.5	6.2	5.3	160.64	-202.8	70.7	404.6	394.6	9.95	40.655	
2,300.0	2,285.2	2,246.6	2,236.8	6.6	5.6	160.28	-214.2	76.9	428.2	417.7	10.45	40.975	
2,400.0	2,384.3	2,343.7	2,333.1	6.9	5.9	159.96	-225.5	83.0	451.8	440.8	10.95	41.261	
2,500.0	2,483.5	2,440.9	2,429.4	7.2	6.2	159.68	-236.8	89.2	475.4	463.9	11.45	41.520	
2,600.0	2,582.6	2,538.0	2,525.7	7.5	6.5	159.42	-248.2	95.3	499.0	487.0	11.95	41.754	
2,700.0	2,681.7	2,635.2	2,621.9	7.9	6.8	159.18	-259.5	101.5	522.6	510.2	12.45	41.967	
2,800.0	2,780.8	2,732.3	2,718.2	8.2	7.2	158.97	-270.8	107.6	546.3	533.3	12.96	42.162	
2,900.0	2,880.0	2,829.5	2,814.5	8.5	7.5	158.77	-282.2	113.8	569.9	556.5	13.46	42.341	
3,000.0	2,979.1	2,926.6	2,910.8	8.9	7.8	158.59	-293.5	119.9	593.6	579.6	13.96	42.505	
3,100.0	3,078.2	3,023.8	3,007.1	9.2	8.1	158.42	-304.8	126.1	617.2	602.7	14.47	42.657	
3,200.0	3,177.3	3,120.9	3,103.4	9.5	8.5	158.26	-316.2	132.2	640.9	625.9	14.97	42.797	
3,300.0	3,276.5	3,218.1	3,199.7	9.8	8.8	158.12	-327.5	138.4	664.5	649.1	15.48	42.927	
3,400.0	3,375.6	3,315.2	3,295.9	10.2	9.1	157.98	-338.8	144.5	688.2	672.2	15.99	43.049	
3,500.0	3,474.7	3,412.3	3,392.2	10.5	9.4	157.86	-350.2	150.7	711.9	695.4	16.49	43.162	
3,600.0	3,573.8	3,509.5	3,488.5	10.8	9.8	157.74	-361.5	156.8	735.6	718.6	17.00	43.267	
3,700.0	3,673.0	3,606.6	3,584.8	11.2	10.1	157.63	-372.8	163.0	759.2	741.7	17.51	43.366	
3,800.0	3,772.1	3,703.8	3,681.1	11.5	10.4	157.53	-384.1	169.1	782.9	764.9	18.01	43.459	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth V-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	178.94	-90.0	1.7	90.0				
100.0	100.0	100.0	100.0	0.1	0.1	178.94	-90.0	1.7	90.0	89.8	0.22	400.426	
200.0	200.0	200.0	200.0	0.3	0.3	178.94	-90.0	1.7	90.0	89.3	0.67	133.475	CC
300.0	300.0	300.0	300.0	0.6	0.6	104.74	-90.0	1.7	90.3	89.2	1.12	80.883	ES
400.0	399.9	399.9	399.9	0.8	0.8	107.10	-90.0	1.7	91.4	89.8	1.56	58.444	
500.0	499.7	499.7	499.7	1.0	1.0	133.19	-90.0	1.7	94.4	92.4	2.03	46.501	
600.0	599.5	599.5	599.5	1.3	1.2	150.09	-90.0	1.7	100.2	97.7	2.50	40.082	
700.0	699.0	696.6	696.6	1.5	1.4	160.54	-91.1	2.0	109.9	106.9	2.94	37.338	
800.0	798.3	792.9	792.8	1.8	1.6	166.85	-94.6	3.2	124.4	121.0	3.38	36.859	SF
815.1	813.4	807.4	807.3	1.8	1.6	167.56	-95.3	3.4	127.0	123.6	3.44	36.909	
900.0	897.5	888.3	888.0	2.1	1.8	167.48	-100.3	5.0	142.8	139.0	3.80	37.553	
1,000.0	996.6	982.8	982.1	2.4	2.0	167.04	-108.2	7.6	163.3	159.1	4.24	38.541	
1,100.0	1,095.7	1,076.4	1,075.1	2.7	2.2	166.37	-118.2	10.9	186.0	181.3	4.68	39.715	
1,200.0	1,194.8	1,168.9	1,166.8	3.0	2.5	165.55	-130.2	14.8	210.8	205.6	5.14	41.028	
1,300.0	1,294.0	1,263.7	1,260.5	3.3	2.8	164.70	-144.2	19.3	237.3	231.7	5.60	42.342	
1,400.0	1,393.1	1,360.1	1,355.6	3.6	3.1	163.99	-158.5	24.0	263.9	257.8	6.07	43.444	
1,500.0	1,492.2	1,456.4	1,450.8	4.0	3.4	163.41	-172.8	28.7	290.6	284.0	6.55	44.369	
1,600.0	1,591.3	1,552.7	1,545.9	4.3	3.7	162.93	-187.1	33.3	317.3	310.3	7.03	45.141	
1,700.0	1,690.5	1,649.1	1,641.1	4.6	4.1	162.52	-201.5	38.0	344.0	336.5	7.51	45.792	
1,800.0	1,789.6	1,745.4	1,736.2	4.9	4.4	162.17	-215.8	42.7	370.7	362.7	8.00	46.355	
1,900.0	1,888.7	1,841.7	1,831.4	5.3	4.7	161.87	-230.1	47.3	397.5	389.0	8.49	46.840	
2,000.0	1,987.8	1,938.1	1,926.5	5.6	5.1	161.61	-244.4	52.0	424.2	415.2	8.98	47.264	
2,100.0	2,087.0	2,034.4	2,021.7	5.9	5.4	161.38	-258.7	56.6	451.0	441.5	9.47	47.635	
2,200.0	2,186.1	2,130.8	2,116.9	6.2	5.8	161.17	-273.1	61.3	477.7	467.8	9.96	47.965	
2,300.0	2,285.2	2,227.1	2,212.0	6.6	6.1	160.99	-287.4	66.0	504.5	494.1	10.45	48.258	
2,400.0	2,384.3	2,323.4	2,307.2	6.9	6.5	160.82	-301.7	70.6	531.3	520.3	10.95	48.520	
2,500.0	2,483.5	2,419.8	2,402.3	7.2	6.8	160.67	-316.0	75.3	558.1	546.6	11.45	48.756	
2,600.0	2,582.6	2,516.1	2,497.5	7.5	7.2	160.53	-330.3	80.0	584.8	572.9	11.94	48.970	
2,700.0	2,681.7	2,612.5	2,592.6	7.9	7.6	160.41	-344.7	84.6	611.6	599.2	12.44	49.164	
2,800.0	2,780.8	2,708.8	2,687.8	8.2	7.9	160.30	-359.0	89.3	638.4	625.5	12.94	49.342	
2,900.0	2,880.0	2,805.1	2,782.9	8.5	8.3	160.19	-373.3	94.0	665.2	651.8	13.44	49.504	
3,000.0	2,979.1	2,901.5	2,878.1	8.9	8.6	160.09	-387.6	98.6	692.0	678.1	13.94	49.653	
3,100.0	3,078.2	2,997.8	2,973.2	9.2	9.0	160.01	-402.0	103.3	718.8	704.3	14.44	49.791	
3,200.0	3,177.3	3,094.1	3,068.4	9.5	9.3	159.92	-416.3	108.0	745.6	730.6	14.94	49.918	
3,300.0	3,276.5	3,190.5	3,163.5	9.8	9.7	159.85	-430.6	112.6	772.4	756.9	15.44	50.035	
3,400.0	3,375.6	3,286.8	3,258.7	10.2	10.1	159.77	-444.9	117.3	799.2	783.2	15.94	50.145	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth W-8-7HC - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	179.09	-104.9	1.7	104.9				
100.0	100.0	100.0	100.0	0.1	0.1	179.09	-104.9	1.7	104.9	104.7	0.22	466.854	
200.0	200.0	200.0	200.0	0.3	0.3	179.09	-104.9	1.7	104.9	104.3	0.67	155.618	CC
300.0	300.0	300.0	300.0	0.6	0.6	104.78	-104.9	1.7	105.3	104.1	1.12	94.254	ES
400.0	399.9	399.9	399.9	0.8	0.8	106.80	-104.9	1.7	106.3	104.8	1.56	67.989	
500.0	499.7	497.1	497.1	1.0	1.0	132.21	-106.1	2.0	110.5	108.5	2.00	55.184	
600.0	599.5	593.9	593.8	1.3	1.2	148.11	-109.7	2.9	119.7	117.3	2.44	49.053	
700.0	699.0	689.8	689.6	1.5	1.4	157.66	-115.6	4.4	134.0	131.1	2.89	46.298	
800.0	798.3	784.7	784.0	1.8	1.6	163.51	-123.6	6.6	153.2	149.8	3.36	45.634	SF
815.1	813.4	800.0	799.3	1.8	1.6	164.18	-125.2	7.0	156.5	153.1	3.43	45.643	
900.0	897.5	878.2	877.0	2.1	1.8	164.01	-133.8	9.2	176.2	172.4	3.81	46.295	
1,000.0	996.6	970.7	968.6	2.4	2.1	163.64	-146.1	12.4	201.4	197.2	4.26	47.274	
1,100.0	1,095.7	1,062.1	1,058.8	2.7	2.4	163.14	-160.3	16.1	228.9	224.1	4.72	48.446	
1,200.0	1,194.8	1,154.0	1,149.2	3.0	2.7	162.58	-176.6	20.4	258.3	253.1	5.20	49.687	
1,300.0	1,294.0	1,249.4	1,242.8	3.3	3.1	162.08	-193.9	24.9	288.3	282.6	5.67	50.802	
1,400.0	1,393.1	1,344.8	1,336.5	3.6	3.5	161.67	-211.3	29.5	318.3	312.1	6.16	51.711	
1,500.0	1,492.2	1,440.1	1,430.2	4.0	3.8	161.34	-228.7	34.0	348.3	341.7	6.64	52.433	
1,600.0	1,591.3	1,535.5	1,523.8	4.3	4.2	161.05	-246.0	38.5	378.3	371.2	7.13	53.057	
1,700.0	1,690.5	1,630.9	1,617.5	4.6	4.6	160.81	-263.4	43.1	408.3	400.7	7.62	53.576	
1,800.0	1,789.6	1,726.3	1,711.2	4.9	5.0	160.60	-280.8	47.6	438.4	430.2	8.12	54.016	
1,900.0	1,888.7	1,821.6	1,804.8	5.3	5.4	160.42	-298.1	52.1	468.4	459.8	8.61	54.395	
2,000.0	1,987.8	1,917.0	1,898.5	5.6	5.8	160.26	-315.5	56.7	498.4	489.3	9.11	54.723	
2,100.0	2,087.0	2,012.4	1,992.2	5.9	6.2	160.12	-332.9	61.2	528.5	518.9	9.61	55.010	
2,200.0	2,186.1	2,107.8	2,085.9	6.2	6.6	159.99	-350.2	65.8	558.5	548.4	10.11	55.263	
2,300.0	2,285.2	2,203.1	2,179.5	6.6	7.0	159.88	-367.6	70.3	588.5	577.9	10.61	55.488	
2,400.0	2,384.3	2,298.5	2,273.2	6.9	7.4	159.77	-385.0	74.8	618.6	607.5	11.11	55.688	
2,500.0	2,483.5	2,393.9	2,366.9	7.2	7.8	159.68	-402.3	79.4	648.6	637.0	11.61	55.868	
2,600.0	2,582.6	2,489.3	2,460.5	7.5	8.2	159.60	-419.7	83.9	678.7	666.6	12.11	56.029	
2,700.0	2,681.7	2,584.6	2,554.2	7.9	8.6	159.52	-437.1	88.4	708.7	696.1	12.62	56.176	
2,800.0	2,780.8	2,680.0	2,647.9	8.2	9.0	159.45	-454.4	93.0	738.8	725.7	13.12	56.310	
2,900.0	2,880.0	2,775.4	2,741.5	8.5	9.4	159.38	-471.8	97.5	768.8	755.2	13.62	56.432	
3,000.0	2,979.1	2,870.8	2,835.2	8.9	9.8	159.32	-489.2	102.0	798.9	784.8	14.13	56.544	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

Offset Design Booth 8-L Pad Sec.8-T6N-R66W - Booth X-8-7HN - Wellbore #1 - Plan #1 (5-03-17)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	179.07	-119.9	1.9	119.9				
100.0	100.0	100.0	100.0	0.1	0.1	179.07	-119.9	1.9	119.9	119.7	0.22	533.339	
200.0	200.0	200.0	200.0	0.3	0.3	179.07	-119.9	1.9	119.9	119.2	0.67	177.780	CC, ES
300.0	300.0	297.0	297.0	0.6	0.5	104.51	-121.1	2.2	121.4	120.4	1.09	111.494	
400.0	399.9	393.8	393.7	0.8	0.7	105.76	-124.7	3.0	126.2	124.7	1.51	83.452	
500.0	499.7	490.1	489.8	1.0	0.9	130.30	-130.6	4.4	135.1	133.1	1.97	68.481	
600.0	599.5	585.7	585.0	1.3	1.2	145.54	-138.8	6.2	149.1	146.7	2.45	60.916	
700.0	699.0	680.1	678.8	1.5	1.5	154.73	-149.3	8.5	168.1	165.1	2.93	57.387	
800.0	798.3	773.0	770.9	1.8	1.8	160.49	-161.7	11.3	191.9	188.5	3.41	56.241	
815.1	813.4	786.9	784.6	1.8	1.8	161.16	-163.8	11.8	195.9	192.4	3.48	56.218	SF
900.0	897.5	864.4	861.1	2.1	2.1	161.07	-176.1	14.6	219.6	215.7	3.88	56.613	
1,000.0	996.6	954.5	949.6	2.4	2.4	160.85	-192.3	18.2	249.4	245.1	4.35	57.365	
1,100.0	1,095.7	1,045.3	1,038.4	2.7	2.8	160.55	-210.6	22.3	281.4	276.5	4.83	58.246	
1,200.0	1,194.8	1,139.8	1,130.8	3.0	3.2	160.28	-230.2	26.7	313.8	308.5	5.31	59.080	
1,300.0	1,294.0	1,234.4	1,223.3	3.3	3.6	160.05	-249.8	31.1	346.2	340.4	5.79	59.750	
1,400.0	1,393.1	1,329.0	1,315.7	3.6	4.1	159.87	-269.3	35.5	378.7	372.4	6.29	60.215	
1,500.0	1,492.2	1,423.6	1,408.1	4.0	4.5	159.71	-288.9	39.9	411.1	404.3	6.78	60.622	
1,600.0	1,591.3	1,518.2	1,500.6	4.3	4.9	159.58	-308.5	44.3	443.6	436.3	7.28	60.948	
1,700.0	1,690.5	1,612.8	1,593.0	4.6	5.4	159.46	-328.0	48.7	476.0	468.2	7.78	61.215	
1,800.0	1,789.6	1,707.4	1,685.5	4.9	5.8	159.36	-347.6	53.1	508.5	500.2	8.28	61.436	
1,900.0	1,888.7	1,801.9	1,777.9	5.3	6.2	159.27	-367.2	57.5	540.9	532.1	8.78	61.622	
2,000.0	1,987.8	1,896.5	1,870.3	5.6	6.7	159.19	-386.7	61.8	573.4	564.1	9.28	61.779	
2,100.0	2,087.0	1,991.1	1,962.8	5.9	7.1	159.12	-406.3	66.2	605.8	596.0	9.79	61.914	
2,200.0	2,186.1	2,085.7	2,055.2	6.2	7.5	159.06	-425.8	70.6	638.3	628.0	10.29	62.030	
2,300.0	2,285.2	2,180.3	2,147.6	6.6	8.0	159.00	-445.4	75.0	670.7	659.9	10.80	62.132	
2,400.0	2,384.3	2,274.9	2,240.1	6.9	8.4	158.95	-465.0	79.4	703.2	691.9	11.30	62.221	
2,500.0	2,483.5	2,369.5	2,332.5	7.2	8.9	158.90	-484.5	83.8	735.7	723.8	11.81	62.299	
2,600.0	2,582.6	2,464.0	2,424.9	7.5	9.3	158.86	-504.1	88.2	768.1	755.8	12.32	62.368	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 0.0 ft

Survey Program: 7360-UNKNOWN

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-32.75	652.5	-419.7	776.1				
100.0	100.0	79.0	79.0	0.1	1.6	-32.75	652.5	-419.7	775.8	774.1	1.69	458.355	
200.0	200.0	179.0	179.0	0.3	3.6	-32.75	652.5	-419.7	775.8	771.9	3.92	198.043	
300.0	300.0	279.0	279.0	0.6	5.6	-107.83	652.5	-419.7	776.2	770.1	6.13	126.540	
400.0	399.9	378.9	378.9	0.8	7.6	-108.09	652.5	-419.7	777.4	769.1	8.35	93.082	
500.0	499.7	478.7	478.7	1.0	9.6	-85.43	652.5	-419.7	778.0	767.4	10.58	73.533	
600.0	599.5	578.5	578.5	1.3	11.6	-71.69	652.5	-419.7	776.4	763.6	12.81	60.590	
700.0	699.0	678.0	678.0	1.5	13.6	-63.68	652.5	-419.7	772.7	757.7	15.05	51.341	
800.0	798.3	777.3	777.3	1.8	15.5	-58.90	652.5	-419.7	767.1	749.8	17.29	44.362	
815.1	813.4	792.4	792.4	1.8	15.8	-58.36	652.5	-419.7	766.0	748.4	17.63	43.449	
900.0	897.5	876.5	876.5	2.1	17.5	-59.07	652.5	-419.7	760.2	740.6	19.55	38.875	
1,000.0	996.6	975.6	975.6	2.4	19.5	-59.93	652.5	-419.7	753.4	731.6	21.83	34.514	
1,100.0	1,095.7	1,074.7	1,074.7	2.7	21.5	-60.80	652.5	-419.7	746.9	722.8	24.11	30.976	
1,200.0	1,194.8	1,173.8	1,173.8	3.0	23.5	-61.69	652.5	-419.7	740.5	714.1	26.40	28.052	
1,300.0	1,294.0	1,273.0	1,273.0	3.3	25.5	-62.59	652.5	-419.7	734.3	705.6	28.69	25.596	
1,400.0	1,393.1	1,372.1	1,372.1	3.6	27.4	-63.50	652.5	-419.7	728.2	697.2	30.98	23.506	
1,500.0	1,492.2	1,471.2	1,471.2	4.0	29.4	-64.43	652.5	-419.7	722.4	689.1	33.28	21.708	
1,600.0	1,591.3	1,570.3	1,570.3	4.3	31.4	-65.38	652.5	-419.7	716.8	681.2	35.58	20.146	
1,700.0	1,690.5	1,669.5	1,669.5	4.6	33.4	-66.34	652.5	-419.7	711.3	673.4	37.88	18.778	
1,800.0	1,789.6	1,768.6	1,768.6	4.9	35.4	-67.31	652.5	-419.7	706.1	665.9	40.19	17.570	
1,900.0	1,888.7	1,867.7	1,867.7	5.3	37.4	-68.30	652.5	-419.7	701.1	658.6	42.49	16.498	
2,000.0	1,987.8	1,966.8	1,966.8	5.6	39.3	-69.30	652.5	-419.7	696.2	651.4	44.80	15.540	
2,100.0	2,087.0	2,066.0	2,066.0	5.9	41.3	-70.32	652.5	-419.7	691.7	644.5	47.12	14.680	
2,200.0	2,186.1	2,165.1	2,165.1	6.2	43.3	-71.34	652.5	-419.7	687.3	637.9	49.43	13.904	
2,300.0	2,285.2	2,264.2	2,264.2	6.6	45.3	-72.38	652.5	-419.7	683.1	631.4	51.74	13.202	
2,400.0	2,384.3	2,363.3	2,363.3	6.9	47.3	-73.44	652.5	-419.7	679.2	625.2	54.06	12.564	
2,500.0	2,483.5	2,462.5	2,462.5	7.2	49.2	-74.50	652.5	-419.7	675.6	619.2	56.38	11.983	
2,600.0	2,582.6	2,561.6	2,561.6	7.5	51.2	-75.58	652.5	-419.7	672.1	613.4	58.70	11.451	
2,700.0	2,681.7	2,660.7	2,660.7	7.9	53.2	-76.66	652.5	-419.7	668.9	607.9	61.02	10.963	
2,800.0	2,780.8	2,759.8	2,759.8	8.2	55.2	-77.76	652.5	-419.7	666.0	602.6	63.34	10.515	
2,900.0	2,880.0	2,859.0	2,859.0	8.5	57.2	-78.87	652.5	-419.7	663.3	597.6	65.66	10.102	
3,000.0	2,979.1	2,958.1	2,958.1	8.9	59.2	-79.98	652.5	-419.7	660.8	592.9	67.98	9.722	
3,100.0	3,078.2	3,057.2	3,057.2	9.2	61.1	-81.10	652.5	-419.7	658.6	588.4	70.29	9.370	
3,200.0	3,177.3	3,156.3	3,156.3	9.5	63.1	-82.23	652.5	-419.7	656.7	584.1	72.61	9.044	
3,300.0	3,276.5	3,255.5	3,255.5	9.8	65.1	-83.36	652.5	-419.7	655.0	580.1	74.93	8.742	
3,400.0	3,375.6	3,354.6	3,354.6	10.2	67.1	-84.50	652.5	-419.7	653.6	576.4	77.25	8.461	
3,500.0	3,474.7	3,453.7	3,453.7	10.5	69.1	-85.65	652.5	-419.7	652.5	572.9	79.57	8.201	
3,600.0	3,573.8	3,552.8	3,552.8	10.8	71.1	-86.79	652.5	-419.7	651.6	569.7	81.88	7.958	
3,700.0	3,673.0	3,652.0	3,652.0	11.2	73.0	-87.94	652.5	-419.7	651.0	566.8	84.19	7.732	
3,800.0	3,772.1	3,751.1	3,751.1	11.5	75.0	-89.10	652.5	-419.7	650.7	564.2	86.50	7.522	
3,878.5	3,849.9	3,828.9	3,828.9	11.7	76.6	-90.00	652.5	-419.7	650.6	562.3	88.32	7.367	
3,900.0	3,871.2	3,850.2	3,850.2	11.8	77.0	-90.25	652.5	-419.7	650.6	561.8	88.81	7.326	
4,000.0	3,970.3	3,949.3	3,949.3	12.1	79.0	-91.40	652.5	-419.7	650.8	559.7	91.12	7.142	
4,100.0	4,069.5	4,048.5	4,048.5	12.5	81.0	-92.55	652.5	-419.7	651.2	557.8	93.42	6.971	
4,200.0	4,168.6	4,147.6	4,147.6	12.8	83.0	-93.70	652.5	-419.7	652.0	556.2	95.72	6.811	
4,300.0	4,267.7	4,246.7	4,246.7	13.1	84.9	-94.85	652.5	-419.7	653.0	554.9	98.02	6.662	
4,400.0	4,366.8	4,345.8	4,345.8	13.5	86.9	-95.99	652.5	-419.7	654.2	553.9	100.31	6.522	
4,455.4	4,421.8	4,400.8	4,400.8	13.6	88.0	-96.62	652.5	-419.7	655.0	553.4	101.58	6.448	
4,500.0	4,466.0	4,445.0	4,445.0	13.8	88.9	-97.11	652.5	-419.7	655.7	553.1	102.59	6.392	
4,600.0	4,565.5	4,544.5	4,544.5	14.0	90.9	-97.99	652.5	-419.7	657.0	552.2	104.80	6.269	
4,700.0	4,665.3	4,644.3	4,644.3	14.2	92.9	-98.56	652.5	-419.7	657.9	550.9	106.98	6.150	
4,800.0	4,765.2	4,744.2	4,744.2	14.4	94.9	-98.83	652.5	-419.7	658.4	549.2	109.14	6.033	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**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
4,834.8	4,800.0	4,779.0	4,779.0	14.4	95.6	-76.29	652.5	-419.7	658.4	551.6	106.80	6.165	
4,900.0	4,865.2	4,844.2	4,844.2	14.5	96.9	-76.29	652.5	-419.7	658.4	550.2	108.22	6.084	
5,000.0	4,965.2	4,944.2	4,944.2	14.7	98.9	-76.29	652.5	-419.7	658.4	548.0	110.43	5.962	
5,100.0	5,065.2	5,044.2	5,044.2	14.8	100.9	-76.29	652.5	-419.7	658.4	545.8	112.64	5.845	
5,200.0	5,165.2	5,144.2	5,144.2	15.0	102.9	-76.29	652.5	-419.7	658.4	543.6	114.84	5.733	
5,300.0	5,265.2	5,244.2	5,244.2	15.1	104.9	-76.29	652.5	-419.7	658.4	541.4	117.05	5.625	
5,400.0	5,365.2	5,344.2	5,344.2	15.3	106.9	-76.29	652.5	-419.7	658.4	539.1	119.26	5.521	
5,500.0	5,465.2	5,444.2	5,444.2	15.5	108.9	-76.29	652.5	-419.7	658.4	536.9	121.47	5.420	
5,600.0	5,565.2	5,544.2	5,544.2	15.6	110.9	-76.29	652.5	-419.7	658.4	534.7	123.68	5.323	
5,700.0	5,665.2	5,644.2	5,644.2	15.8	112.9	-76.29	652.5	-419.7	658.4	532.5	125.89	5.230	
5,800.0	5,765.2	5,744.2	5,744.2	16.0	114.9	-76.29	652.5	-419.7	658.4	530.3	128.11	5.140	
5,900.0	5,865.2	5,844.2	5,844.2	16.2	116.9	-76.29	652.5	-419.7	658.4	528.1	130.32	5.052	
6,000.0	5,965.2	5,944.2	5,944.2	16.3	118.9	-76.29	652.5	-419.7	658.4	525.9	132.53	4.968	
6,100.0	6,065.2	6,044.2	6,044.2	16.5	120.9	-76.29	652.5	-419.7	658.4	523.7	134.74	4.886	
6,200.0	6,165.2	6,144.2	6,144.2	16.7	122.9	-76.29	652.5	-419.7	658.4	521.5	136.95	4.807	
6,300.0	6,265.2	6,244.2	6,244.2	16.9	124.9	-76.29	652.5	-419.7	658.4	519.2	139.17	4.731	
6,400.0	6,365.2	6,344.2	6,344.2	17.0	126.9	-76.29	652.5	-419.7	658.4	517.0	141.38	4.657	
6,500.0	6,465.2	6,444.2	6,444.2	17.2	128.9	-76.29	652.5	-419.7	658.4	514.8	143.60	4.585	
6,600.0	6,565.2	6,544.2	6,544.2	17.4	130.9	-76.29	652.5	-419.7	658.4	512.6	145.81	4.516	
6,625.8	6,591.1	6,570.1	6,570.1	17.4	131.4	-76.29	652.5	-419.7	658.4	512.0	146.38	4.498	
6,650.0	6,615.2	6,594.2	6,594.2	17.5	131.9	15.75	652.5	-419.7	657.9	508.8	149.15	4.411	
6,700.0	6,665.0	6,644.0	6,644.0	17.5	132.9	15.96	652.5	-419.7	653.8	504.6	149.17	4.383	
6,750.0	6,714.3	6,693.3	6,693.3	17.6	133.9	16.41	652.5	-419.7	645.5	497.4	148.12	4.358	
6,800.0	6,762.6	6,741.6	6,741.6	17.6	134.8	17.11	652.5	-419.7	633.2	487.1	146.04	4.336	
6,850.0	6,809.6	6,788.6	6,788.6	17.7	135.8	18.10	652.5	-419.7	616.8	473.9	142.98	4.314	
6,900.0	6,854.9	6,833.9	6,833.9	17.7	136.7	19.44	652.5	-419.7	596.7	457.6	139.07	4.291	
6,950.0	6,898.2	6,877.2	6,877.2	17.7	137.5	21.22	652.5	-419.7	573.0	438.4	134.53	4.259	
7,000.0	6,939.2	6,918.2	6,918.2	17.7	138.4	23.53	652.5	-419.7	545.9	416.1	129.71	4.208	
7,050.0	6,977.5	6,956.5	6,956.5	17.7	139.1	26.55	652.5	-419.7	515.6	390.4	125.20	4.118	
7,100.0	7,012.9	6,991.9	6,991.9	17.7	139.8	30.45	652.5	-419.7	482.7	360.8	121.90	3.960	
7,150.0	7,045.1	7,024.1	7,024.1	17.7	140.5	35.49	652.5	-419.7	447.4	326.4	121.01	3.697	
7,200.0	7,073.8	7,052.8	7,052.8	17.7	141.1	41.90	652.5	-419.7	410.2	286.4	123.80	3.313	
7,250.0	7,098.9	7,077.9	7,077.9	17.7	141.6	49.76	652.5	-419.7	371.7	241.0	130.75	2.843	
7,300.0	7,120.1	7,099.1	7,099.1	17.9	142.0	58.85	652.5	-419.7	332.7	192.1	140.58	2.367	
7,350.0	7,137.3	7,116.3	7,116.3	18.2	142.3	68.40	652.5	-419.7	294.2	143.8	150.39	1.956	
7,400.0	7,150.3	7,129.3	7,129.3	18.8	142.6	77.23	652.5	-419.7	257.5	100.0	157.45	1.635	
7,450.0	7,159.0	7,138.0	7,138.0	19.4	142.8	84.24	652.5	-419.7	224.6	63.5	161.13	1.394	Level 3
7,500.0	7,163.4	7,142.4	7,142.4	20.2	142.8	88.75	652.5	-419.7	198.3	35.7	162.62	1.220	Level 2
7,529.8	7,164.0	7,143.0	7,143.0	20.6	142.9	90.13	652.5	-419.7	187.3	24.2	163.10	1.148	Level 2
7,529.9	7,164.0	7,143.0	7,143.0	20.6	142.9	90.13	652.5	-419.7	187.2	24.1	163.10	1.148	Level 2
7,530.5	7,164.0	7,143.0	7,143.0	20.6	142.9	90.13	652.5	-419.7	187.0	23.9	163.11	1.147	Level 2
7,586.6	7,163.6	7,142.6	7,142.6	21.6	142.9	90.00	652.5	-419.7	178.4	14.4	164.06	1.088	Level 2, CC, ES, SF
7,600.0	7,163.5	7,142.5	7,142.5	21.8	142.9	89.97	652.5	-419.7	178.9	14.6	164.29	1.089	Level 2
7,700.0	7,162.8	7,141.8	7,141.8	23.7	142.8	89.75	652.5	-419.7	211.4	45.2	166.16	1.272	Level 3
7,800.0	7,162.1	7,141.1	7,141.1	25.7	142.8	89.52	652.5	-419.7	278.1	109.9	168.20	1.654	
7,900.0	7,161.4	7,140.4	7,140.4	27.9	142.8	89.30	652.5	-419.7	360.6	190.2	170.37	2.117	
8,000.0	7,160.7	7,139.7	7,139.7	30.2	142.8	89.08	652.5	-419.7	450.2	277.6	172.64	2.608	
8,100.0	7,160.0	7,139.0	7,139.0	32.5	142.8	88.85	652.5	-419.7	543.5	368.5	174.99	3.106	
8,200.0	7,159.3	7,138.3	7,138.3	34.9	142.8	88.63	652.5	-419.7	638.8	461.4	177.40	3.601	
8,300.0	7,158.6	7,137.6	7,137.6	37.4	142.8	88.40	652.5	-419.7	735.3	555.5	179.86	4.088	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 0.0 ft

Survey Program: 7408-UNKNOWN

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.0	7,160.0	7,151.0	7,151.0	32.5	143.0	94.42	498.1	-1,691.2	765.9	591.3	174.60	4.387	
8,200.0	7,159.3	7,150.3	7,150.3	34.9	143.0	93.84	498.1	-1,691.2	666.4	489.2	177.16	3.761	
8,300.0	7,158.6	7,149.6	7,149.6	37.4	143.0	93.26	498.1	-1,691.2	567.0	387.3	179.75	3.154	
8,400.0	7,157.9	7,148.9	7,148.9	39.9	143.0	92.68	498.1	-1,691.2	467.9	285.5	182.37	2.566	
8,500.0	7,157.2	7,148.2	7,148.2	42.5	143.0	92.10	498.1	-1,691.2	369.3	184.3	185.01	1.996	
8,600.0	7,156.5	7,147.5	7,147.5	45.1	143.0	91.52	498.1	-1,691.2	271.7	84.0	187.66	1.448	Level 3
8,700.0	7,155.8	7,146.8	7,146.8	47.7	142.9	90.94	498.1	-1,691.2	176.8	-13.5	190.32	0.929	Level 1
8,800.0	7,155.2	7,146.2	7,146.2	50.3	142.9	90.36	498.1	-1,691.2	93.2	-99.8	192.98	0.483	Level 1
8,862.8	7,154.7	7,145.7	7,145.7	51.9	142.9	90.00	498.1	-1,691.2	68.8	-125.8	194.65	0.354	Level 1, CC, ES, SF
8,900.0	7,154.5	7,145.5	7,145.5	52.9	142.9	89.78	498.1	-1,691.2	78.2	-117.4	195.63	0.400	Level 1
9,000.0	7,153.8	7,144.8	7,144.8	55.6	142.9	89.20	498.1	-1,691.2	153.5	-44.8	198.28	0.774	Level 1
9,100.0	7,153.1	7,144.1	7,144.1	58.3	142.9	88.62	498.1	-1,691.2	247.0	46.0	200.93	1.229	Level 2
9,200.0	7,152.4	7,143.4	7,143.4	60.9	142.9	88.05	498.1	-1,691.2	344.1	140.6	203.56	1.691	
9,300.0	7,151.7	7,142.7	7,142.7	63.6	142.9	87.47	498.1	-1,691.2	442.6	236.4	206.18	2.146	
9,400.0	7,151.0	7,142.0	7,142.0	66.3	142.8	86.89	498.1	-1,691.2	541.6	332.8	208.79	2.594	
9,500.0	7,150.3	7,141.3	7,141.3	69.1	142.8	86.31	498.1	-1,691.2	640.9	429.5	211.38	3.032	
9,600.0	7,149.6	7,140.6	7,140.6	71.8	142.8	85.73	498.1	-1,691.2	740.4	526.4	213.95	3.461	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**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
9,300.0	7,151.7	7,136.7	7,136.7	63.6	142.7	91.85	549.6	-2,882.9	769.3	563.2	206.05	3.733	
9,400.0	7,151.0	7,136.0	7,136.0	66.3	142.7	91.60	549.6	-2,882.9	671.8	463.1	208.77	3.218	
9,500.0	7,150.3	7,135.3	7,135.3	69.1	142.7	91.36	549.6	-2,882.9	575.3	363.8	211.51	2.720	
9,600.0	7,149.6	7,134.6	7,134.6	71.8	142.7	91.11	549.6	-2,882.9	480.2	266.0	214.24	2.241	
9,700.0	7,148.9	7,133.9	7,133.9	74.5	142.7	90.87	549.6	-2,882.9	387.6	170.6	216.98	1.786	
9,800.0	7,148.2	7,133.2	7,133.2	77.2	142.7	90.62	549.6	-2,882.9	299.7	80.0	219.72	1.364	Level 3
9,900.0	7,147.5	7,132.5	7,132.5	80.0	142.6	90.37	549.6	-2,882.9	222.3	-0.2	222.46	0.999	Level 1
10,000.0	7,146.8	7,131.8	7,131.8	82.7	142.6	90.13	549.6	-2,882.9	170.3	-54.9	225.20	0.756	Level 1
10,052.0	7,146.4	7,131.4	7,131.4	84.1	142.6	90.00	549.6	-2,882.9	162.2	-64.4	226.62	0.716	Level 1, CC, ES, SF
10,100.0	7,146.1	7,131.1	7,131.1	85.4	142.6	89.88	549.6	-2,882.9	169.2	-58.8	227.94	0.742	Level 1
10,200.0	7,145.4	7,130.4	7,130.4	88.2	142.6	89.64	549.6	-2,882.9	219.6	-11.1	230.68	0.952	Level 1
10,300.0	7,144.7	7,129.7	7,129.7	90.9	142.6	89.39	549.6	-2,882.9	296.3	62.9	233.41	1.270	Level 3
10,400.0	7,144.0	7,129.0	7,129.0	93.7	142.6	89.14	549.6	-2,882.9	383.9	147.8	236.15	1.626	
10,500.0	7,143.3	7,128.3	7,128.3	96.5	142.6	88.90	549.6	-2,882.9	476.5	237.6	238.89	1.995	
10,600.0	7,142.6	7,127.6	7,127.6	99.2	142.6	88.65	549.6	-2,882.9	571.5	329.9	241.62	2.365	
10,700.0	7,141.9	7,126.9	7,126.9	102.0	142.5	88.41	549.6	-2,882.9	668.0	423.6	244.35	2.734	
10,800.0	7,141.2	7,126.2	7,126.2	104.7	142.5	88.16	549.6	-2,882.9	765.4	518.3	247.07	3.098	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 0.0 ft

Survey Program: 7421-UNKNOWN

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,800.0	7,141.2	7,144.2	7,144.2	104.7	142.9	92.77	444.5	-4,394.4	774.2	527.0	247.17	3.132	
10,900.0	7,140.5	7,143.5	7,143.5	107.5	142.9	92.41	444.5	-4,394.4	675.4	425.4	250.00	2.702	
11,000.0	7,139.8	7,142.8	7,142.8	110.3	142.9	92.05	444.5	-4,394.4	577.0	324.1	252.82	2.282	
11,100.0	7,139.1	7,142.1	7,142.1	113.0	142.8	91.69	444.5	-4,394.4	479.2	223.6	255.64	1.874	
11,200.0	7,138.4	7,141.4	7,141.4	115.8	142.8	91.32	444.5	-4,394.4	382.6	124.1	258.45	1.480	Level 3
11,300.0	7,137.7	7,140.7	7,140.7	118.6	142.8	90.96	444.5	-4,394.4	288.3	27.0	261.25	1.103	Level 2
11,400.0	7,137.0	7,140.0	7,140.0	121.4	142.8	90.60	444.5	-4,394.4	199.6	-64.4	264.04	0.756	Level 1
11,500.0	7,136.3	7,139.3	7,139.3	124.1	142.8	90.24	444.5	-4,394.4	128.8	-138.1	266.82	0.483	Level 1
11,566.3	7,135.9	7,138.9	7,138.9	126.0	142.8	90.00	444.5	-4,394.4	110.4	-158.3	268.66	0.411	Level 1, CC, ES, SF
11,600.0	7,135.6	7,138.6	7,138.6	126.9	142.8	89.88	444.5	-4,394.4	115.4	-154.2	269.60	0.428	Level 1
11,700.0	7,134.9	7,137.9	7,137.9	129.7	142.8	89.52	444.5	-4,394.4	173.4	-99.0	272.36	0.636	Level 1
11,800.0	7,134.2	7,137.2	7,137.2	132.5	142.7	89.15	444.5	-4,394.4	258.4	-16.7	275.12	0.939	Level 1
11,900.0	7,133.6	7,136.6	7,136.6	135.3	142.7	88.79	444.5	-4,394.4	351.5	73.6	277.87	1.265	Level 3
12,000.0	7,132.9	7,135.9	7,135.9	138.0	142.7	88.43	444.5	-4,394.4	447.5	166.9	280.60	1.595	
12,100.0	7,132.2	7,135.2	7,135.2	140.8	142.7	88.07	444.5	-4,394.4	545.0	261.6	283.33	1.923	
12,200.0	7,131.5	7,134.5	7,134.5	143.6	142.7	87.71	444.5	-4,394.4	643.2	357.2	286.04	2.249	
12,300.0	7,130.8	7,133.8	7,133.8	146.4	142.7	87.35	444.5	-4,394.4	741.9	453.2	288.74	2.570	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**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
13,800.0	7,120.3	7,274.0	7,155.2	188.2	22.6	89.26	404.0	-7,324.7	717.5	510.4	207.04	3.465	
13,900.0	7,119.6	7,274.5	7,155.8	191.0	22.6	89.44	404.0	-7,324.7	620.9	411.0	209.84	2.959	
14,000.0	7,118.9	7,275.1	7,156.3	193.8	22.6	89.63	404.0	-7,324.7	525.6	312.9	212.64	2.472	
14,100.0	7,118.2	7,275.6	7,156.9	196.6	22.6	89.81	404.0	-7,324.7	432.4	217.0	215.44	2.007	
14,200.0	7,117.5	7,276.2	7,157.4	199.4	22.6	89.99	404.0	-7,324.7	343.1	124.9	218.23	1.572	
14,300.0	7,116.8	7,276.7	7,158.0	202.2	22.6	90.18	404.0	-7,324.7	261.6	40.6	221.03	1.184	Level 2
14,400.0	7,116.1	7,277.3	7,158.6	205.0	22.6	90.36	404.0	-7,324.7	198.0	-25.9	223.82	0.884	Level 1
14,418.8	7,116.0	7,277.4	7,158.7	205.5	22.6	90.40	404.0	-7,324.7	189.5	-34.8	224.34	0.845	Level 1, CC, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 0.0 ft

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

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
12,200.0	7,131.5	7,279.8	7,127.2	143.6	26.0	-46.01	274.6	-5,756.1	733.4	615.9	117.46	6.244	
12,300.0	7,130.8	7,281.4	7,128.9	146.4	26.0	-50.45	274.6	-5,756.1	633.4	506.3	127.13	4.983	
12,400.0	7,130.1	7,283.0	7,130.4	149.2	26.0	-55.44	274.6	-5,756.1	533.5	396.1	137.33	3.885	
12,500.0	7,129.4	7,284.5	7,132.0	152.0	26.0	-61.00	274.6	-5,756.2	433.5	285.8	147.71	2.935	
12,600.0	7,128.7	7,286.1	7,133.5	154.7	26.0	-67.12	274.6	-5,756.2	333.6	175.8	157.79	2.114	
12,700.0	7,128.0	7,287.5	7,135.0	157.5	26.0	-73.72	274.6	-5,756.2	233.7	66.7	166.92	1.400	Level 3
12,800.0	7,127.3	7,289.0	7,136.5	160.3	26.0	-80.66	274.7	-5,756.3	133.9	-40.6	174.43	0.768	Level 1
12,900.0	7,126.6	7,290.5	7,137.9	163.1	26.0	-87.77	274.7	-5,756.3	35.3	-144.4	179.75	0.196	Level 1
12,933.4	7,126.3	7,290.9	7,138.4	164.0	26.0	-90.14	274.7	-5,756.3	11.5	-169.5	180.98	0.063	Level 1, CC, ES, SF
13,000.0	7,125.9	7,291.9	7,139.3	165.9	26.0	-94.82	274.7	-5,756.3	67.6	-115.0	182.58	0.370	Level 1
13,100.0	7,125.2	7,293.3	7,140.7	168.7	26.0	-101.61	274.7	-5,756.4	167.0	-16.0	182.98	0.913	Level 1
13,200.0	7,124.5	7,294.6	7,142.1	171.5	26.0	-107.99	274.7	-5,756.4	266.8	85.5	181.28	1.472	Level 3
13,300.0	7,123.8	7,296.0	7,143.4	174.3	26.0	-113.84	274.7	-5,756.4	366.7	188.8	177.99	2.061	
13,400.0	7,123.1	7,297.3	7,144.7	177.0	26.0	-119.12	274.7	-5,756.4	466.7	293.0	173.66	2.687	
13,500.0	7,122.4	7,298.6	7,146.0	179.8	26.0	-123.84	274.7	-5,756.5	566.7	397.9	168.76	3.358	
13,600.0	7,121.7	7,299.9	7,147.3	182.6	26.0	-128.03	274.7	-5,756.5	666.6	503.0	163.66	4.073	
13,700.0	7,121.0	7,301.1	7,148.6	185.4	26.0	-131.72	274.7	-5,756.5	766.6	608.0	158.62	4.833	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 0.0 ft

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

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
13,200.0	7,124.5	7,263.9	7,123.0	171.5	24.8	-88.93	-274.9	-6,509.4	735.4	542.5	192.92	3.812	
13,300.0	7,123.8	7,263.7	7,122.9	174.3	24.8	-88.92	-274.9	-6,509.4	670.6	474.9	195.71	3.427	
13,400.0	7,123.1	7,263.6	7,122.7	177.0	24.8	-88.90	-274.9	-6,509.4	615.4	416.9	198.50	3.100	
13,500.0	7,122.4	7,263.4	7,122.5	179.8	24.8	-88.88	-274.8	-6,509.4	572.4	371.1	201.29	2.844	
13,600.0	7,121.7	7,263.2	7,122.3	182.6	24.8	-88.86	-274.8	-6,509.3	544.5	340.5	204.08	2.668	
13,700.0	7,121.0	7,263.0	7,122.2	185.4	24.8	-88.84	-274.8	-6,509.3	534.3	327.4	206.87	2.583	
13,705.4	7,121.0	7,263.0	7,122.2	185.6	24.8	-88.84	-274.8	-6,509.3	534.2	327.2	207.02	2.581	CC, ES, SF
13,800.0	7,120.3	7,262.9	7,122.0	188.2	24.8	-88.82	-274.8	-6,509.3	542.6	332.9	209.65	2.588	
13,900.0	7,119.6	7,262.7	7,121.8	191.0	24.8	-88.80	-274.8	-6,509.3	568.6	356.1	212.44	2.676	
14,000.0	7,118.9	7,262.5	7,121.6	193.8	24.8	-88.78	-274.8	-6,509.3	610.1	394.9	215.23	2.835	
14,100.0	7,118.2	7,262.3	7,121.5	196.6	24.8	-88.77	-274.8	-6,509.3	664.2	446.2	218.02	3.046	
14,200.0	7,117.5	7,262.2	7,121.3	199.4	24.8	-88.75	-274.8	-6,509.3	728.0	507.2	220.81	3.297	
14,300.0	7,116.8	7,262.0	7,121.1	202.2	24.8	-88.73	-274.8	-6,509.3	799.4	575.8	223.60	3.575	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 0.0 ft

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

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
11,800.0	7,134.2	7,268.6	7,161.2	132.5	21.7	-91.86	-258.0	-5,096.2	751.1	600.3	150.81	4.980	
11,900.0	7,133.6	7,263.9	7,156.5	135.3	21.7	-91.39	-258.0	-5,096.3	689.7	536.1	153.60	4.490	
12,000.0	7,132.9	7,259.4	7,152.0	138.0	21.7	-90.92	-257.9	-5,096.5	638.1	481.7	156.37	4.081	
12,100.0	7,132.2	7,254.9	7,147.5	140.8	21.7	-90.47	-257.9	-5,096.6	598.8	439.7	159.14	3.763	
12,200.0	7,131.5	7,250.6	7,143.2	143.6	21.7	-90.04	-257.9	-5,096.8	574.5	412.6	161.90	3.548	
12,293.1	7,130.8	7,246.6	7,139.2	146.2	21.7	-89.64	-257.9	-5,096.9	566.9	402.4	164.46	3.447	CC
12,300.0	7,130.8	7,246.3	7,138.9	146.4	21.7	-89.61	-257.9	-5,096.9	566.9	402.3	164.65	3.443	ES, SF
12,400.0	7,130.1	7,242.2	7,134.8	149.2	21.7	-89.19	-257.9	-5,097.0	576.9	409.5	167.40	3.446	
12,500.0	7,129.4	7,238.2	7,130.8	152.0	21.6	-88.79	-257.8	-5,097.2	603.4	433.3	170.14	3.546	
12,600.0	7,128.7	7,234.7	7,127.3	154.7	21.6	-88.43	-257.8	-5,097.3	644.5	471.6	172.88	3.728	
12,700.0	7,128.0	7,231.2	7,123.8	157.5	21.6	-88.08	-257.8	-5,097.4	697.6	522.0	175.61	3.972	
12,800.0	7,127.3	7,227.9	7,120.5	160.3	21.6	-87.75	-257.8	-5,097.5	760.2	581.8	178.34	4.262	

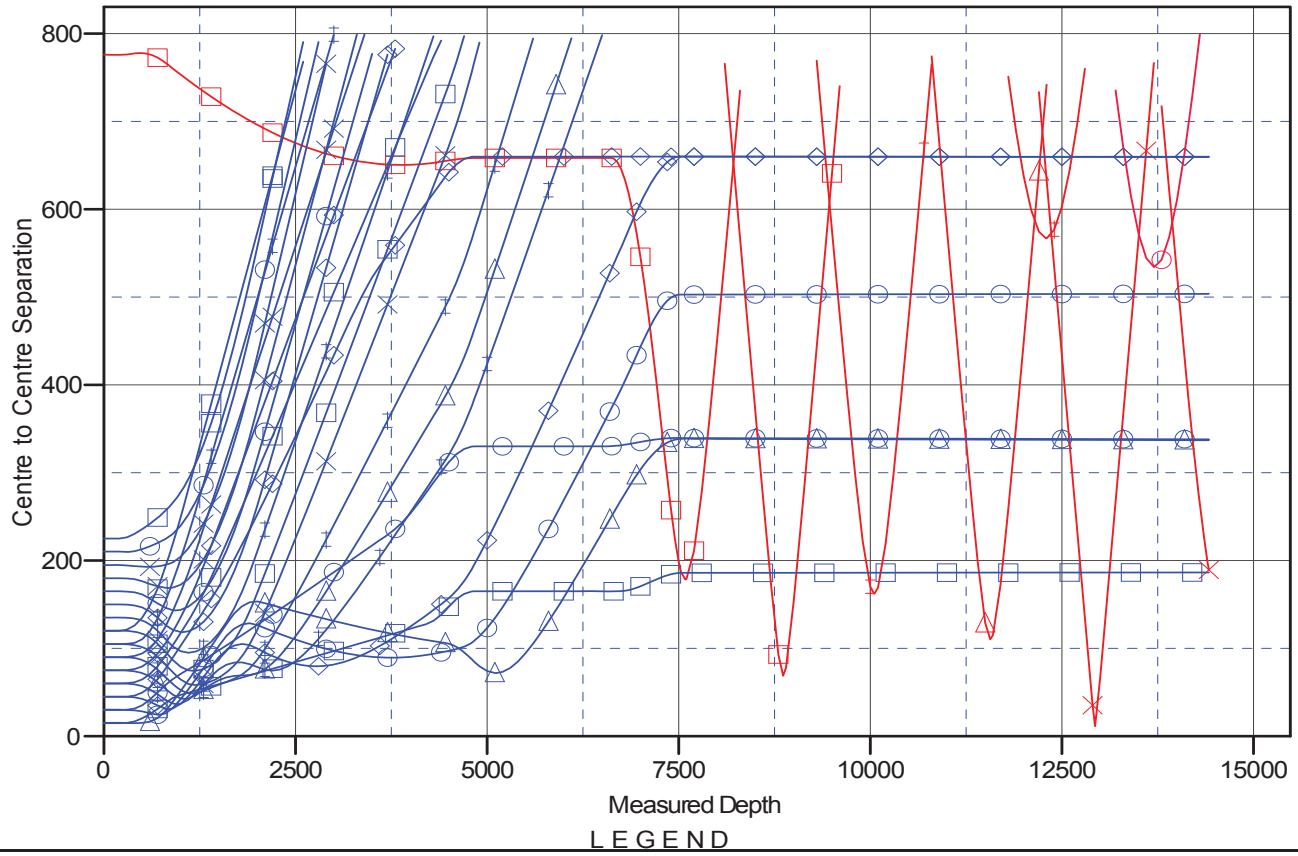
CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

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

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

Ladder Plot



L E G E N D

Schaefer 43-7D, Wellbore #1, Wellbore #1 V0
Schaefer 7XD, Wellbore #1, Wellbore #1 V0
Schaefer 7DD, Wellbore #1, Wellbore #1 V0
RH Farms 8-32 (Exist), Wellbore #1, Wellbore #1 V0
RH Farms 8-31 (Exist), Wellbore #1, Wellbore #1 V0
Hergert 8-42 (Exist), Wellbore #1, Wellbore #1 V0
Guttersen 2 (P&A), Wellbore #1, Wellbore #1 V0
Schaefer 33-7D, Wellbore #1, Wellbore #1 V0
Booth W-8-7HC, Wellbore #1, Plan #1 (5-03-17) V0
Booth T-8-7HC, Wellbore #1, Plan #1 (5-03-17) V0
Booth H-8-7HC, Wellbore #1, Plan #1 (5-03-17) V0
Booth B-8-7HC, Wellbore #1, Plan #1 (5-03-17) V0
Booth S-8-7HN, Wellbore #1, Plan #1 (5-03-17) V0
Booth O-8-7HN, Wellbore #1, Plan #1 (5-03-17) V0
Booth L-8-7HN, Wellbore #1, Plan #1 (5-03-17) V0
Booth N-8-7HC, Wellbore #1, Plan #1 (5-03-17) V0
Booth M-8-7HN, Wellbore #1, Plan #1 (5-03-17) V0
Booth C-8-7HN, Wellbore #1, Plan #1 (5-03-17) V0
Booth G-8-7HN, Wellbore #1, Plan #1 (5-03-17) V0
Booth X-8-7HN, Wellbore #1, Plan #1 (5-03-17) V0
Booth R-8-7HN, Wellbore #1, Plan #1 (5-03-17)
Booth U-8-7HN, Wellbore #1, Plan #1 (5-03-17)
Booth D-8-7HN, Wellbore #1, Plan #1 (5-03-17)
Booth V-8-7HN, Wellbore #1, Plan #1 (5-03-17)
Booth K-8-7HC, Wellbore #1, Plan #1 (5-03-17)
Booth F-8-7HN, Wellbore #1, Plan #1 (5-03-17)
Booth I-8-7HN, Wellbore #1, Plan #1 (5-03-17)
Booth J-8-7HN, Wellbore #1, Plan #1 (5-03-17)
Booth Q-8-7HC, Wellbore #1, Plan #1 (5-03-17

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well Booth P-8-7HN
Project:	SEC.8-T6N-R66W	**TVD Reference:**	WELL @ 4831.0ft (RKB - 23')
Reference Site:	Booth 8-L Pad Sec.8-T6N-R66W	**MD Reference:**	WELL @ 4831.0ft (RKB - 23')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	Booth P-8-7HN	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	US_EDM
Reference Design:	Plan #1 (5-03-17)	**Offset TVD Reference:**	Offset Datum

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

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