

Bayswater Exploration & Production, LLC

Well Name: **G & D Hanks P-27-28HN**

Surface Location: G & D Hanks 27-N Pad Sec.27-T7N-R66W

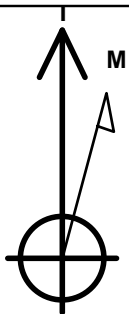
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone

Ground Elevation: 4874.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1441197.24	3205703.76	40.542130	-104.759854	
RKB - 25' WELL @ 4899.0ft (RKB - 25')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1243'FSL, 1574'FEL, SEC.27	1.0	0.0	0.0	Point
LPL 1840'FSL, 470'FEL, SEC.27	7289.0	609.9	1100.3	Point
BHL 1840'FSL, 5'FWL, SEC.28	7334.0	496.8	-9220.6	Point



Azimuths to True North
Magnetic North: 8.04°

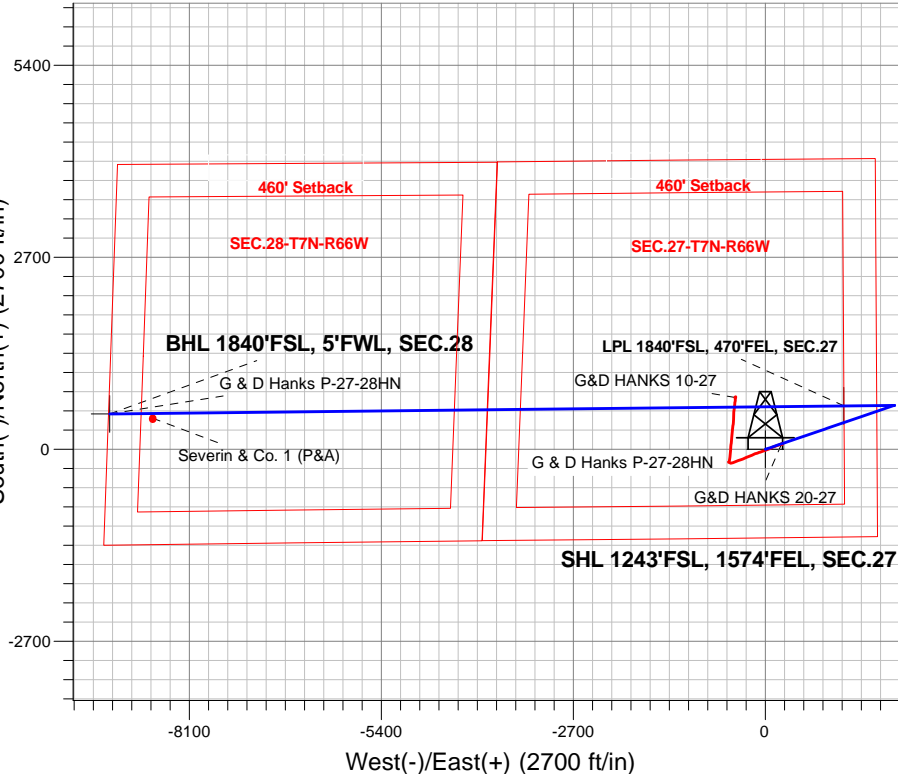
Magnetic Field
Strength: 52559.4snT
Dip Angle: 66.95°
Date: 8/3/2017
Model: IGRF2010

G & D Hanks 27-N Pad Sec.27-T7N-R66W
G & D Hanks P-27-28HN
Plan #1 (8-02-17)
15:13, August 03 2017

ANNOTATIONS

TVD	MD	Annotation
800.0	800.0	KOP - Start Build 1.50
5192.9	5530.6	Start Drop -2.00
6573.1	6949.6	Start Build 8.00
7289.0	8071.2	Start DLS 0.50 TFO 88.20
7289.0	8072.5	Start 10320.3 hold at 8072.5 MD
7334.0	18392.8	TD at 18392.8

South(-)/North(+) (2700 ft/in)

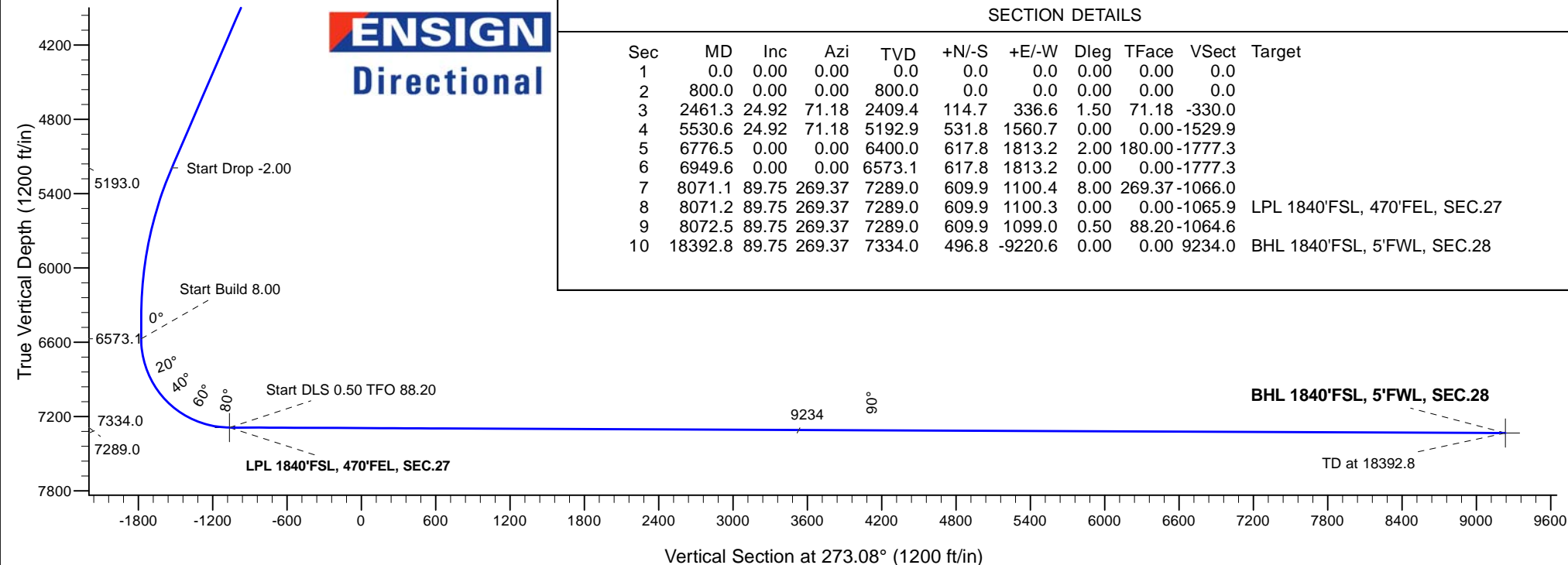


West(-)/East(+) (2700 ft/in)

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	800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.0	
3	2461.3	24.92	71.18	2409.4	114.7	336.6	1.50	71.18	-330.0	
4	5530.6	24.92	71.18	5192.9	531.8	1560.7	0.00	0.00	-1529.9	
5	6776.5	0.00	0.00	6400.0	617.8	1813.2	2.00	180.00	-1777.3	
6	6949.6	0.00	0.00	6573.1	617.8	1813.2	0.00	0.00	-1777.3	
7	8071.1	89.75	269.37	7289.0	609.9	1100.4	8.00	269.37	-1066.0	
8	8071.2	89.75	269.37	7289.0	609.9	1100.3	0.00	0.00	-1065.9	LPL 1840'FSL, 470'FEL, SEC.27
9	8072.5	89.75	269.37	7289.0	609.9	1099.0	0.50	88.20	-1064.6	
10	18392.8	89.75	269.37	7334.0	496.8	-9220.6	0.00	0.00	9234.0	BHL 1840'FSL, 5'FWL, SEC.28





Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W

G & D Hanks 27-N Pad Sec.27-T7N-R66W

G & D Hanks P-27-28HN

Wellbore #1

Plan: Plan #1 (8-02-17)

Standard Planning Report

03 August, 2017



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks P-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

Project	SEC.27-T7N-R66W		
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		G & D Hanks 27-N Pad Sec.27-T7N-R66W			
Site Position:		Northing:	1,441,242.43 usft	Latitude:	40.542254
From:	Lat/Long	Easting:	3,205,703.66 usft	Longitude:	-104.759853
Position Uncertainty:	0.0 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.48

Well	G & D Hanks P-27-28HN					
Well Position	+N/-S	-45.2 ft	Northing:	1,441,197.24 usft	Latitude:	40.542130
	+E/-W	-0.3 ft	Easting:	3,205,703.76 usft	Longitude:	-104.759854
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,874.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	8/3/2017	8.04	66.95	52,559

Design	Plan #1 (8-02-17)			
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	273.08

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	
800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,461.3	24.92	71.18	2,409.4	114.7	336.6	1.50	1.50	0.00	71.18	
5,530.6	24.92	71.18	5,192.9	531.8	1,560.7	0.00	0.00	0.00	0.00	
6,776.5	0.00	0.00	6,400.0	617.8	1,813.2	2.00	-2.00	0.00	180.00	
6,949.6	0.00	0.00	6,573.1	617.8	1,813.2	0.00	0.00	0.00	0.00	
8,071.1	89.75	269.37	7,289.0	609.9	1,100.4	8.00	8.00	0.00	269.37	
8,071.2	89.75	269.37	7,289.0	609.9	1,100.3	0.00	0.00	0.00	0.00	LPL 1840'FSL, 470'FE
8,072.5	89.75	269.37	7,289.0	609.9	1,099.0	0.50	0.02	0.50	88.20	
18,392.8	89.75	269.37	7,334.0	496.8	-9,220.6	0.00	0.00	0.00	0.00	BHL 1840'FSL, 5'FWL

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks P-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

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
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 1.50									
900.0	1.50	71.18	900.0	0.4	1.2	-1.2	1.50	1.50	0.00
1,000.0	3.00	71.18	999.9	1.7	5.0	-4.9	1.50	1.50	0.00
1,100.0	4.50	71.18	1,099.7	3.8	11.1	-10.9	1.50	1.50	0.00
1,200.0	6.00	71.18	1,199.3	6.7	19.8	-19.4	1.50	1.50	0.00
1,300.0	7.50	71.18	1,298.6	10.5	30.9	-30.3	1.50	1.50	0.00
1,400.0	9.00	71.18	1,397.5	15.2	44.5	-43.6	1.50	1.50	0.00
1,500.0	10.50	71.18	1,496.1	20.6	60.5	-59.3	1.50	1.50	0.00
1,600.0	12.00	71.18	1,594.2	26.9	79.0	-77.4	1.50	1.50	0.00
1,700.0	13.50	71.18	1,691.7	34.0	99.9	-97.9	1.50	1.50	0.00
1,800.0	15.00	71.18	1,788.6	42.0	123.2	-120.8	1.50	1.50	0.00
1,900.0	16.50	71.18	1,884.9	50.7	148.9	-145.9	1.50	1.50	0.00
2,000.0	18.00	71.18	1,980.4	60.3	177.0	-173.5	1.50	1.50	0.00
2,100.0	19.50	71.18	2,075.0	70.7	207.4	-203.3	1.50	1.50	0.00
2,200.0	21.00	71.18	2,168.9	81.8	240.1	-235.4	1.50	1.50	0.00
2,300.0	22.50	71.18	2,261.7	93.8	275.2	-269.8	1.50	1.50	0.00
2,400.0	24.00	71.18	2,353.6	106.5	312.6	-306.4	1.50	1.50	0.00
2,461.3	24.92	71.18	2,409.4	114.7	336.6	-330.0	1.50	1.50	0.00
2,500.0	24.92	71.18	2,444.5	119.9	352.0	-345.1	0.00	0.00	0.00
2,600.0	24.92	71.18	2,535.2	133.5	391.9	-384.2	0.00	0.00	0.00
2,700.0	24.92	71.18	2,625.9	147.1	431.8	-423.3	0.00	0.00	0.00
2,800.0	24.92	71.18	2,716.6	160.7	471.7	-462.4	0.00	0.00	0.00
2,900.0	24.92	71.18	2,807.3	174.3	511.6	-501.5	0.00	0.00	0.00
3,000.0	24.92	71.18	2,898.0	187.9	551.5	-540.6	0.00	0.00	0.00
3,100.0	24.92	71.18	2,988.7	201.5	591.3	-579.6	0.00	0.00	0.00
3,200.0	24.92	71.18	3,079.3	215.1	631.2	-618.7	0.00	0.00	0.00
3,300.0	24.92	71.18	3,170.0	228.7	671.1	-657.8	0.00	0.00	0.00
3,400.0	24.92	71.18	3,260.7	242.3	711.0	-696.9	0.00	0.00	0.00
3,500.0	24.92	71.18	3,351.4	255.8	750.9	-736.0	0.00	0.00	0.00
3,600.0	24.92	71.18	3,442.1	269.4	790.8	-775.1	0.00	0.00	0.00
3,700.0	24.92	71.18	3,532.8	283.0	830.6	-814.2	0.00	0.00	0.00
3,800.0	24.92	71.18	3,623.5	296.6	870.5	-853.3	0.00	0.00	0.00
3,900.0	24.92	71.18	3,714.2	310.2	910.4	-892.4	0.00	0.00	0.00
4,000.0	24.92	71.18	3,804.9	323.8	950.3	-931.5	0.00	0.00	0.00
4,100.0	24.92	71.18	3,895.6	337.4	990.2	-970.6	0.00	0.00	0.00
4,200.0	24.92	71.18	3,986.2	351.0	1,030.1	-1,009.7	0.00	0.00	0.00
4,300.0	24.92	71.18	4,076.9	364.6	1,069.9	-1,048.8	0.00	0.00	0.00
4,400.0	24.92	71.18	4,167.6	378.1	1,109.8	-1,087.9	0.00	0.00	0.00
4,500.0	24.92	71.18	4,258.3	391.7	1,149.7	-1,127.0	0.00	0.00	0.00
4,600.0	24.92	71.18	4,349.0	405.3	1,189.6	-1,166.1	0.00	0.00	0.00
4,700.0	24.92	71.18	4,439.7	418.9	1,229.5	-1,205.2	0.00	0.00	0.00
4,800.0	24.92	71.18	4,530.4	432.5	1,269.4	-1,244.3	0.00	0.00	0.00
4,900.0	24.92	71.18	4,621.1	446.1	1,309.2	-1,283.3	0.00	0.00	0.00
5,000.0	24.92	71.18	4,711.8	459.7	1,349.1	-1,322.4	0.00	0.00	0.00
5,100.0	24.92	71.18	4,802.4	473.3	1,389.0	-1,361.5	0.00	0.00	0.00

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Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks P-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

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)
5,200.0	24.92	71.18	4,893.1	486.9	1,428.9	-1,400.6	0.00	0.00	0.00
5,300.0	24.92	71.18	4,983.8	500.4	1,468.8	-1,439.7	0.00	0.00	0.00
5,400.0	24.92	71.18	5,074.5	514.0	1,508.7	-1,478.8	0.00	0.00	0.00
5,500.0	24.92	71.18	5,165.2	527.6	1,548.5	-1,517.9	0.00	0.00	0.00
5,530.6	24.92	71.18	5,193.0	531.8	1,560.8	-1,529.9	0.00	0.00	0.00
Start Drop -2.00									
5,600.0	23.53	71.18	5,256.2	541.0	1,587.7	-1,556.3	2.00	-2.00	0.00
5,700.0	21.53	71.18	5,348.6	553.3	1,624.0	-1,591.9	2.00	-2.00	0.00
5,800.0	19.53	71.18	5,442.3	564.6	1,657.2	-1,624.4	2.00	-2.00	0.00
5,900.0	17.53	71.18	5,537.1	574.9	1,687.3	-1,653.9	2.00	-2.00	0.00
6,000.0	15.53	71.18	5,632.9	584.1	1,714.2	-1,680.3	2.00	-2.00	0.00
6,100.0	13.53	71.18	5,729.7	592.2	1,737.9	-1,703.6	2.00	-2.00	0.00
6,200.0	11.53	71.18	5,827.3	599.2	1,758.5	-1,723.7	2.00	-2.00	0.00
6,300.0	9.53	71.18	5,925.6	605.0	1,775.8	-1,740.6	2.00	-2.00	0.00
6,400.0	7.53	71.18	6,024.5	609.8	1,789.8	-1,754.4	2.00	-2.00	0.00
6,500.0	5.53	71.18	6,123.9	613.5	1,800.6	-1,765.0	2.00	-2.00	0.00
6,600.0	3.53	71.18	6,223.6	616.0	1,808.1	-1,772.3	2.00	-2.00	0.00
6,700.0	1.53	71.18	6,323.5	617.5	1,812.2	-1,776.4	2.00	-2.00	0.00
6,776.5	0.00	0.00	6,400.0	617.8	1,813.2	-1,777.3	2.00	-2.00	0.00
6,800.0	0.00	0.00	6,423.5	617.8	1,813.2	-1,777.3	0.00	0.00	0.00
6,900.0	0.00	0.00	6,523.5	617.8	1,813.2	-1,777.3	0.00	0.00	0.00
6,949.6	0.00	0.00	6,573.1	617.8	1,813.2	-1,777.3	0.00	0.00	0.00
Start Build 8.00									
7,000.0	4.03	269.37	6,623.4	617.8	1,811.4	-1,775.6	8.00	8.00	0.00
7,100.0	12.04	269.37	6,722.3	617.6	1,797.5	-1,761.6	8.00	8.00	0.00
7,200.0	20.04	269.37	6,818.4	617.3	1,769.9	-1,734.1	8.00	8.00	0.00
7,300.0	28.04	269.37	6,909.6	616.9	1,729.2	-1,693.5	8.00	8.00	0.00
7,400.0	36.04	269.37	6,994.3	616.3	1,676.2	-1,640.6	8.00	8.00	0.00
7,500.0	44.05	269.37	7,070.8	615.6	1,611.9	-1,576.4	8.00	8.00	0.00
7,600.0	52.05	269.37	7,137.6	614.7	1,537.6	-1,502.3	8.00	8.00	0.00
7,700.0	60.05	269.37	7,193.4	613.8	1,454.7	-1,419.5	8.00	8.00	0.00
7,800.0	68.06	269.37	7,237.1	612.8	1,364.8	-1,329.9	8.00	8.00	0.00
7,900.0	76.06	269.37	7,267.9	611.8	1,269.8	-1,235.0	8.00	8.00	0.00
8,000.0	84.06	269.37	7,285.2	610.7	1,171.4	-1,136.8	8.00	8.00	0.00
8,071.1	89.75	269.37	7,289.0	609.9	1,100.4	-1,066.0	8.00	8.00	0.00
8,071.2	89.75	269.37	7,289.0	609.9	1,100.3	-1,065.9	0.00	0.00	0.00
Start DLS 0.50 TFO 88.20									
8,072.5	89.75	269.37	7,289.0	609.9	1,099.0	-1,064.6	0.50	0.02	0.50
Start 10320.3 hold at 8072.5 MD									
8,100.0	89.75	269.37	7,289.1	609.6	1,071.5	-1,037.2	0.00	0.00	0.00
8,200.0	89.75	269.37	7,289.6	608.5	971.5	-937.4	0.00	0.00	0.00
8,300.0	89.75	269.37	7,290.0	607.4	871.5	-837.6	0.00	0.00	0.00
8,400.0	89.75	269.37	7,290.4	606.3	771.5	-737.8	0.00	0.00	0.00
8,500.0	89.75	269.37	7,290.9	605.2	671.5	-638.0	0.00	0.00	0.00
8,600.0	89.75	269.37	7,291.3	604.1	571.5	-538.2	0.00	0.00	0.00
8,700.0	89.75	269.37	7,291.7	603.0	471.6	-438.4	0.00	0.00	0.00
8,800.0	89.75	269.37	7,292.2	601.9	371.6	-338.6	0.00	0.00	0.00
8,900.0	89.75	269.37	7,292.6	600.8	271.6	-238.8	0.00	0.00	0.00
9,000.0	89.75	269.37	7,293.0	599.7	171.6	-139.1	0.00	0.00	0.00
9,100.0	89.75	269.37	7,293.5	598.6	71.6	-39.3	0.00	0.00	0.00
9,200.0	89.75	269.37	7,293.9	597.5	-28.4	60.5	0.00	0.00	0.00
9,300.0	89.75	269.37	7,294.4	596.5	-128.4	160.3	0.00	0.00	0.00
9,400.0	89.75	269.37	7,294.8	595.4	-228.4	260.1	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks P-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

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	89.75	269.37	7,295.2	594.3	-328.4	359.9	0.00	0.00	0.00
9,600.0	89.75	269.37	7,295.7	593.2	-428.4	459.7	0.00	0.00	0.00
9,700.0	89.75	269.37	7,296.1	592.1	-528.4	559.5	0.00	0.00	0.00
9,800.0	89.75	269.37	7,296.5	591.0	-628.4	659.3	0.00	0.00	0.00
9,900.0	89.75	269.37	7,297.0	589.9	-728.4	759.0	0.00	0.00	0.00
10,000.0	89.75	269.37	7,297.4	588.8	-828.4	858.8	0.00	0.00	0.00
10,100.0	89.75	269.37	7,297.8	587.7	-928.3	958.6	0.00	0.00	0.00
10,200.0	89.75	269.37	7,298.3	586.6	-1,028.3	1,058.4	0.00	0.00	0.00
10,300.0	89.75	269.37	7,298.7	585.5	-1,128.3	1,158.2	0.00	0.00	0.00
10,400.0	89.75	269.37	7,299.2	584.4	-1,228.3	1,258.0	0.00	0.00	0.00
10,500.0	89.75	269.37	7,299.6	583.3	-1,328.3	1,357.8	0.00	0.00	0.00
10,600.0	89.75	269.37	7,300.0	582.2	-1,428.3	1,457.6	0.00	0.00	0.00
10,700.0	89.75	269.37	7,300.5	581.1	-1,528.3	1,557.4	0.00	0.00	0.00
10,800.0	89.75	269.37	7,300.9	580.0	-1,628.3	1,657.1	0.00	0.00	0.00
10,900.0	89.75	269.37	7,301.3	578.9	-1,728.3	1,756.9	0.00	0.00	0.00
11,000.0	89.75	269.37	7,301.8	577.8	-1,828.3	1,856.7	0.00	0.00	0.00
11,100.0	89.75	269.37	7,302.2	576.7	-1,928.3	1,956.5	0.00	0.00	0.00
11,200.0	89.75	269.37	7,302.6	575.6	-2,028.3	2,056.3	0.00	0.00	0.00
11,300.0	89.75	269.37	7,303.1	574.5	-2,128.3	2,156.1	0.00	0.00	0.00
11,400.0	89.75	269.37	7,303.5	573.4	-2,228.3	2,255.9	0.00	0.00	0.00
11,500.0	89.75	269.37	7,303.9	572.4	-2,328.3	2,355.7	0.00	0.00	0.00
11,600.0	89.75	269.37	7,304.4	571.3	-2,428.2	2,455.5	0.00	0.00	0.00
11,700.0	89.75	269.37	7,304.8	570.2	-2,528.2	2,555.3	0.00	0.00	0.00
11,800.0	89.75	269.37	7,305.3	569.1	-2,628.2	2,655.0	0.00	0.00	0.00
11,900.0	89.75	269.37	7,305.7	568.0	-2,728.2	2,754.8	0.00	0.00	0.00
12,000.0	89.75	269.37	7,306.1	566.9	-2,828.2	2,854.6	0.00	0.00	0.00
12,100.0	89.75	269.37	7,306.6	565.8	-2,928.2	2,954.4	0.00	0.00	0.00
12,200.0	89.75	269.37	7,307.0	564.7	-3,028.2	3,054.2	0.00	0.00	0.00
12,300.0	89.75	269.37	7,307.4	563.6	-3,128.2	3,154.0	0.00	0.00	0.00
12,400.0	89.75	269.37	7,307.9	562.5	-3,228.2	3,253.8	0.00	0.00	0.00
12,500.0	89.75	269.37	7,308.3	561.4	-3,328.2	3,353.6	0.00	0.00	0.00
12,600.0	89.75	269.37	7,308.7	560.3	-3,428.2	3,453.4	0.00	0.00	0.00
12,700.0	89.75	269.37	7,309.2	559.2	-3,528.2	3,553.1	0.00	0.00	0.00
12,800.0	89.75	269.37	7,309.6	558.1	-3,628.2	3,652.9	0.00	0.00	0.00
12,900.0	89.75	269.37	7,310.1	557.0	-3,728.2	3,752.7	0.00	0.00	0.00
13,000.0	89.75	269.37	7,310.5	555.9	-3,828.1	3,852.5	0.00	0.00	0.00
13,100.0	89.75	269.37	7,310.9	554.8	-3,928.1	3,952.3	0.00	0.00	0.00
13,200.0	89.75	269.37	7,311.4	553.7	-4,028.1	4,052.1	0.00	0.00	0.00
13,300.0	89.75	269.37	7,311.8	552.6	-4,128.1	4,151.9	0.00	0.00	0.00
13,400.0	89.75	269.37	7,312.2	551.5	-4,228.1	4,251.7	0.00	0.00	0.00
13,500.0	89.75	269.37	7,312.7	550.4	-4,328.1	4,351.5	0.00	0.00	0.00
13,600.0	89.75	269.37	7,313.1	549.3	-4,428.1	4,451.2	0.00	0.00	0.00
13,700.0	89.75	269.37	7,313.5	548.3	-4,528.1	4,551.0	0.00	0.00	0.00
13,800.0	89.75	269.37	7,314.0	547.2	-4,628.1	4,650.8	0.00	0.00	0.00
13,900.0	89.75	269.37	7,314.4	546.1	-4,728.1	4,750.6	0.00	0.00	0.00
14,000.0	89.75	269.37	7,314.8	545.0	-4,828.1	4,850.4	0.00	0.00	0.00
14,100.0	89.75	269.37	7,315.3	543.9	-4,928.1	4,950.2	0.00	0.00	0.00
14,200.0	89.75	269.37	7,315.7	542.8	-5,028.1	5,050.0	0.00	0.00	0.00
14,300.0	89.75	269.37	7,316.2	541.7	-5,128.1	5,149.8	0.00	0.00	0.00
14,400.0	89.75	269.37	7,316.6	540.6	-5,228.0	5,249.6	0.00	0.00	0.00
14,500.0	89.75	269.37	7,317.0	539.5	-5,328.0	5,349.4	0.00	0.00	0.00
14,600.0	89.75	269.37	7,317.5	538.4	-5,428.0	5,449.1	0.00	0.00	0.00
14,700.0	89.75	269.37	7,317.9	537.3	-5,528.0	5,548.9	0.00	0.00	0.00
14,800.0	89.75	269.37	7,318.3	536.2	-5,628.0	5,648.7	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks P-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

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)
14,900.0	89.75	269.37	7,318.8	535.1	-5,728.0	5,748.5	0.00	0.00	0.00
15,000.0	89.75	269.37	7,319.2	534.0	-5,828.0	5,848.3	0.00	0.00	0.00
15,100.0	89.75	269.37	7,319.6	532.9	-5,928.0	5,948.1	0.00	0.00	0.00
15,200.0	89.75	269.37	7,320.1	531.8	-6,028.0	6,047.9	0.00	0.00	0.00
15,300.0	89.75	269.37	7,320.5	530.7	-6,128.0	6,147.7	0.00	0.00	0.00
15,400.0	89.75	269.37	7,321.0	529.6	-6,228.0	6,247.5	0.00	0.00	0.00
15,500.0	89.75	269.37	7,321.4	528.5	-6,328.0	6,347.2	0.00	0.00	0.00
15,600.0	89.75	269.37	7,321.8	527.4	-6,428.0	6,447.0	0.00	0.00	0.00
15,700.0	89.75	269.37	7,322.3	526.3	-6,528.0	6,546.8	0.00	0.00	0.00
15,800.0	89.75	269.37	7,322.7	525.3	-6,628.0	6,646.6	0.00	0.00	0.00
15,900.0	89.75	269.37	7,323.1	524.2	-6,727.9	6,746.4	0.00	0.00	0.00
16,000.0	89.75	269.37	7,323.6	523.1	-6,827.9	6,846.2	0.00	0.00	0.00
16,100.0	89.75	269.37	7,324.0	522.0	-6,927.9	6,946.0	0.00	0.00	0.00
16,200.0	89.75	269.37	7,324.4	520.9	-7,027.9	7,045.8	0.00	0.00	0.00
16,300.0	89.75	269.37	7,324.9	519.8	-7,127.9	7,145.6	0.00	0.00	0.00
16,400.0	89.75	269.37	7,325.3	518.7	-7,227.9	7,245.3	0.00	0.00	0.00
16,500.0	89.75	269.37	7,325.7	517.6	-7,327.9	7,345.1	0.00	0.00	0.00
16,600.0	89.75	269.37	7,326.2	516.5	-7,427.9	7,444.9	0.00	0.00	0.00
16,700.0	89.75	269.37	7,326.6	515.4	-7,527.9	7,544.7	0.00	0.00	0.00
16,800.0	89.75	269.37	7,327.1	514.3	-7,627.9	7,644.5	0.00	0.00	0.00
16,900.0	89.75	269.37	7,327.5	513.2	-7,727.9	7,744.3	0.00	0.00	0.00
17,000.0	89.75	269.37	7,327.9	512.1	-7,827.9	7,844.1	0.00	0.00	0.00
17,100.0	89.75	269.37	7,328.4	511.0	-7,927.9	7,943.9	0.00	0.00	0.00
17,200.0	89.75	269.37	7,328.8	509.9	-8,027.9	8,043.7	0.00	0.00	0.00
17,300.0	89.75	269.37	7,329.2	508.8	-8,127.8	8,143.5	0.00	0.00	0.00
17,400.0	89.75	269.37	7,329.7	507.7	-8,227.8	8,243.2	0.00	0.00	0.00
17,500.0	89.75	269.37	7,330.1	506.6	-8,327.8	8,343.0	0.00	0.00	0.00
17,600.0	89.75	269.37	7,330.5	505.5	-8,427.8	8,442.8	0.00	0.00	0.00
17,700.0	89.75	269.37	7,331.0	504.4	-8,527.8	8,542.6	0.00	0.00	0.00
17,800.0	89.75	269.37	7,331.4	503.3	-8,627.8	8,642.4	0.00	0.00	0.00
17,900.0	89.75	269.37	7,331.9	502.2	-8,727.8	8,742.2	0.00	0.00	0.00
18,000.0	89.75	269.37	7,332.3	501.2	-8,827.8	8,842.0	0.00	0.00	0.00
18,100.0	89.75	269.37	7,332.7	500.1	-8,927.8	8,941.8	0.00	0.00	0.00
18,200.0	89.75	269.37	7,333.2	499.0	-9,027.8	9,041.6	0.00	0.00	0.00
18,300.0	89.75	269.37	7,333.6	497.9	-9,127.8	9,141.3	0.00	0.00	0.00
18,392.8	89.75	269.37	7,334.0	496.8	-9,220.6	9,233.9	0.00	0.00	0.00
TD at 18392.8									

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks P-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

Design Targets										
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)			
- Shape										
SHL 1243'FSL, 1574'FEI - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,441,197.25	3,205,703.76	40.542130	-104.759854	
LPL 1840'FSL, 470'FEL, - plan hits target center - Point	0.00	0.00	7,289.0	609.9	1,100.3	1,441,816.29	3,206,798.91	40.543804	-104.755895	
BHL 1840'FSL, 5'FWL, 5 - plan hits target center - Point	0.00	0.00	7,334.0	496.8	-9,220.6	1,441,617.10	3,196,479.63	40.543489	-104.793030	

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(ft)	(ft)	+N/-S	+E/-W	Comment	
(ft)	(ft)	(ft)	(ft)		
800.0	800.0	0.0	0.0	KOP - Start Build 1.50	
5,530.6	5,192.9	114.7	336.6	Start Drop -2.00	
6,949.6	6,573.1	531.8	1,560.7	Start Build 8.00	
8,071.2	7,289.0	617.8	1,813.2	Start DLS 0.50 TFO 88.20	
8,072.5	7,289.0	617.8	1,813.2	Start 10320.3 hold at 8072.5 MD	
18,392.8	7,334.0	609.9	1,100.3	TD at 18392.8	



Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W

G & D Hanks 27-N Pad Sec.27-T7N-R66W

G & D Hanks P-27-28HN

Wellbore #1

Plan #1 (8-02-17)

Anticollision Report

03 August, 2017



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (8-02-17)		
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	8/3/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	18,392.8	Plan #1 (8-02-17) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Existing Wells Sec.28-T7N-R66W						
Severin & Co. 1 (P&A) - Wellbore #1 - Wellbore #1	17,788.5	7,315.4	67.7	-362.1	0.158	Level 1, CC, ES, SF
G & D Hanks 27-N Pad Sec.27-T7N-R66W						
G & D Hanks M-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	45.2	44.5	66.998	CC
G & D Hanks M-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,392.8	18,427.8	630.7	32.3	1.054	Level 2, ES, SF
G & D Hanks N-27-28HC - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	30.2	28.7	19.223	CC
G & D Hanks N-27-28HC - Wellbore #1 - Plan #1 (8-02-1	18,392.8	18,480.0	467.3	-129.0	0.784	Level 1, ES, SF
G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-1	600.0	600.0	15.3	12.8	6.190	CC
G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,392.8	18,325.8	307.3	-280.7	0.523	Level 1, ES, SF
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	663.4	663.5	14.5	11.8	5.299	CC
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	18,392.8	18,425.9	198.9	-390.6	0.337	Level 1, ES, SF
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	389.0	389.1	29.5	28.0	19.529	CC
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,392.8	18,255.3	365.6	-225.0	0.619	Level 1, ES, SF
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	44.8	43.2	28.476	CC
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	600.0	599.8	45.2	42.7	18.488	ES
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,392.8	18,320.5	690.1	90.0	1.150	Level 2, SF
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	600.0	600.0	59.7	57.3	24.163	CC
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	700.0	699.8	59.9	57.0	20.598	ES
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	5,900.0	5,821.0	796.2	723.9	11.012	SF
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	74.7	74.0	110.749	CC
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	300.0	299.6	74.9	73.8	67.460	ES
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	5,000.0	4,886.0	790.1	730.1	13.173	SF
G & D Hanks V-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	90.0	88.4	57.189	CC
G & D Hanks V-27-28HN - Wellbore #1 - Plan #1 (8-02-1	500.0	499.2	90.4	88.4	45.100	ES
G & D Hanks V-27-28HN - Wellbore #1 - Plan #1 (8-02-1	4,100.0	3,974.2	785.5	741.3	17.761	SF
G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-1	600.0	600.0	104.9	102.4	42.436	CC, ES
G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-1	3,800.0	3,668.8	780.8	742.5	20.360	SF
G & D Hanks X-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	119.9	119.2	177.752	CC, ES
G & D Hanks X-27-28HN - Wellbore #1 - Plan #1 (8-02-1	3,300.0	3,135.6	784.5	753.4	25.246	SF
G & D HANKS PAD Sec.27-T7N-R66W						
G&D HANKS 10-27 - Wellbore #1 - Wellbore #1	9,598.5	7,389.9	139.4	60.3	1.763	CC
G&D HANKS 10-27 - Wellbore #1 - Wellbore #1	9,600.0	7,389.9	139.4	60.3	1.762	ES, SF
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	811.5	807.1	531.5	528.9	202.849	CC
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	8,955.7	7,362.7	533.8	464.2	7.675	ES
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	9,000.0	7,363.1	535.6	465.2	7.613	SF

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design Existing Wells Sec.28-T7N-R66W - Severin & Co. 1 (P&A) - Wellbore #1 - Wellbore #1													Offset Site Error: 0.0 ft
Survey Program: 9320-UNKNOWN													Offset Well Error: 0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
17,000.0	7,327.9	7,311.9	7,311.9	261.5	146.2	-87.09	435.8	-8,615.6	791.4	384.2	407.16	1.944	
17,100.0	7,328.4	7,312.4	7,312.4	264.3	146.2	-87.46	435.8	-8,615.6	691.8	281.7	410.08	1.687	
17,200.0	7,328.8	7,312.8	7,312.8	267.1	146.3	-87.83	435.8	-8,615.6	592.4	179.4	412.98	1.434	Level 3
17,300.0	7,329.2	7,313.2	7,313.2	269.9	146.3	-88.20	435.8	-8,615.6	493.2	77.3	415.87	1.186	Level 2
17,400.0	7,329.7	7,313.7	7,313.7	272.6	146.3	-88.57	435.8	-8,615.6	394.3	-24.4	418.74	0.942	Level 1
17,500.0	7,330.1	7,314.1	7,314.1	275.4	146.3	-88.94	435.8	-8,615.6	296.3	-125.3	421.60	0.703	Level 1
17,600.0	7,330.5	7,314.5	7,314.5	278.2	146.3	-89.30	435.8	-8,615.6	200.3	-224.2	424.44	0.472	Level 1
17,700.0	7,331.0	7,315.0	7,315.0	281.0	146.3	-89.67	435.8	-8,615.6	111.4	-315.9	427.27	0.261	Level 1
17,788.5	7,331.4	7,315.4	7,315.4	283.5	146.3	-90.00	435.8	-8,615.6	67.7	-362.1	429.76	0.158	Level 1, CC, ES, SF
17,800.0	7,331.4	7,315.4	7,315.4	283.8	146.3	-90.04	435.8	-8,615.6	68.7	-361.4	430.08	0.160	Level 1
17,900.0	7,331.9	7,315.9	7,315.9	286.6	146.3	-90.41	435.8	-8,615.6	130.4	-302.4	432.88	0.301	Level 1
18,000.0	7,332.3	7,316.3	7,316.3	289.3	146.3	-90.78	435.8	-8,615.6	222.1	-213.6	435.65	0.510	Level 1
18,100.0	7,332.7	7,316.7	7,316.7	292.1	146.3	-91.15	435.8	-8,615.6	318.8	-119.6	438.42	0.727	Level 1
18,200.0	7,333.2	7,317.2	7,317.2	294.9	146.3	-91.52	435.8	-8,615.6	417.0	-24.1	441.16	0.945	Level 1
18,300.0	7,333.6	7,317.6	7,317.6	297.7	146.4	-91.89	435.8	-8,615.6	516.0	72.1	443.89	1.162	Level 2
18,392.8	7,334.0	7,318.0	7,318.0	300.3	146.4	-92.23	435.8	-8,615.6	608.1	161.7	446.40	1.362	Level 3

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.35	45.2	0.3	45.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.35	45.2	0.3	45.2	45.0	0.22	200.994		
200.0	200.0	200.0	200.0	0.3	0.3	0.35	45.2	0.3	45.2	44.5	0.67	66.998 CC		
300.0	300.0	299.3	299.3	0.6	0.6	1.69	45.9	1.4	45.9	44.8	1.12	41.085		
400.0	400.0	398.5	398.4	0.8	0.8	5.44	48.0	4.6	48.3	46.7	1.56	30.871		
500.0	500.0	497.4	497.1	1.0	1.0	10.88	51.6	9.9	52.6	50.6	2.02	26.034		
600.0	600.0	595.9	595.2	1.2	1.3	17.07	56.5	17.4	59.3	56.8	2.50	23.771		
700.0	700.0	693.9	692.6	1.5	1.5	23.13	62.8	26.8	68.7	65.7	3.00	22.937		
800.0	800.0	791.3	788.9	1.7	1.9	28.54	70.5	38.3	81.0	77.4	3.53	22.949		
900.0	900.0	888.1	884.4	1.9	2.2	-38.43	79.4	51.8	95.0	91.1	3.90	24.384		
1,000.0	999.9	984.5	979.0	2.1	2.6	-35.62	89.6	67.1	109.7	105.3	4.36	25.157		
1,100.0	1,099.7	1,080.5	1,072.7	2.3	3.0	-33.73	101.1	84.4	124.8	119.9	4.84	25.788		
1,200.0	1,199.3	1,176.1	1,165.6	2.6	3.4	-32.49	113.8	103.6	140.1	134.8	5.33	26.279		
1,300.0	1,298.6	1,271.4	1,257.4	2.8	3.9	-31.71	127.8	124.6	155.6	149.8	5.84	26.634		
1,400.0	1,397.5	1,366.3	1,348.2	3.1	4.4	-31.26	143.0	147.4	171.3	165.0	6.37	26.880		
1,500.0	1,496.1	1,460.8	1,438.0	3.4	5.0	-31.06	159.3	172.0	187.2	180.2	6.93	26.990		
1,600.0	1,594.2	1,554.9	1,526.6	3.8	5.6	-31.05	176.8	198.3	203.1	195.6	7.52	26.996		
1,700.0	1,691.7	1,648.6	1,614.1	4.1	6.3	-31.18	195.4	226.3	219.2	211.0	8.15	26.901		
1,800.0	1,788.6	1,742.0	1,700.4	4.6	7.0	-31.43	215.1	256.0	235.4	226.5	8.81	26.712		
1,900.0	1,884.9	1,835.0	1,785.5	5.1	7.7	-31.76	235.9	287.3	251.6	242.1	9.52	26.437		
2,000.0	1,980.4	1,930.5	1,872.0	5.6	8.5	-32.21	258.3	321.0	267.8	257.5	10.29	26.027		
2,100.0	2,075.0	2,029.4	1,961.4	6.2	9.4	-32.88	281.7	356.1	282.1	271.0	11.13	25.336		
2,200.0	2,168.9	2,128.5	2,051.1	6.8	10.2	-33.78	305.1	391.4	294.3	282.2	12.06	24.411		
2,300.0	2,261.7	2,227.8	2,140.8	7.5	11.1	-34.89	328.6	426.7	304.5	291.4	13.07	23.300		
2,400.0	2,353.6	2,327.1	2,230.7	8.3	12.0	-36.23	352.1	462.0	312.6	298.4	14.18	22.043		
2,461.3	2,409.4	2,388.1	2,285.8	8.8	12.5	-37.15	366.5	483.7	316.7	301.8	14.93	21.217		
2,500.0	2,444.5	2,426.5	2,320.6	9.1	12.8	-37.78	375.6	497.3	319.1	303.6	15.42	20.687		
2,600.0	2,535.2	2,525.9	2,410.5	9.9	13.7	-39.37	399.1	532.7	325.4	308.6	16.75	19.423		
2,700.0	2,625.9	2,625.3	2,500.4	10.7	14.6	-40.89	422.6	568.0	331.9	313.8	18.14	18.300		
2,800.0	2,716.6	2,724.7	2,590.3	11.6	15.4	-42.35	446.0	603.3	338.7	319.1	19.57	17.302		
2,900.0	2,807.3	2,824.1	2,680.2	12.5	16.3	-43.76	469.5	638.7	345.7	324.6	21.06	16.415		
3,000.0	2,898.0	2,923.5	2,770.0	13.3	17.2	-45.11	493.0	674.0	352.8	330.2	22.58	15.625		
3,100.0	2,988.7	3,023.0	2,859.9	14.2	18.1	-46.41	516.5	709.4	360.2	336.1	24.14	14.920		
3,200.0	3,079.3	3,122.4	2,949.8	15.1	18.9	-47.65	540.0	744.7	367.7	342.0	25.73	14.290		
3,300.0	3,170.0	3,221.8	3,039.7	15.9	19.8	-48.84	563.5	780.0	375.4	348.1	27.36	13.724		
3,400.0	3,260.7	3,321.2	3,129.6	16.8	20.7	-49.99	587.0	815.4	383.3	354.3	29.00	13.216		
3,500.0	3,351.4	3,420.6	3,219.5	17.7	21.6	-51.09	610.5	850.7	391.3	360.7	30.67	12.758		
3,600.0	3,442.1	3,520.0	3,309.4	18.6	22.4	-52.14	634.0	886.0	399.5	367.1	32.36	12.343		
3,700.0	3,532.8	3,619.4	3,399.3	19.4	23.3	-53.15	657.5	921.4	407.8	373.7	34.07	11.968		
3,800.0	3,623.5	3,718.8	3,489.2	20.3	24.2	-54.13	681.0	956.7	416.2	380.4	35.79	11.626		
3,900.0	3,714.2	3,818.2	3,579.0	21.2	25.1	-55.06	704.4	992.1	424.7	387.1	37.53	11.315		
4,000.0	3,804.9	3,917.6	3,668.9	22.1	26.0	-55.96	727.9	1,027.4	433.3	394.0	39.28	11.031		
4,100.0	3,895.6	4,017.0	3,758.8	23.0	26.8	-56.82	751.4	1,062.7	442.0	401.0	41.04	10.771		
4,200.0	3,986.2	4,116.4	3,848.7	23.9	27.7	-57.65	774.9	1,098.1	450.9	408.0	42.81	10.532		
4,300.0	4,076.9	4,215.8	3,938.6	24.8	28.6	-58.44	798.4	1,133.4	459.8	415.2	44.59	10.312		
4,400.0	4,167.6	4,315.2	4,028.5	25.7	29.5	-59.21	821.9	1,168.7	468.8	422.4	46.37	10.110		
4,500.0	4,258.3	4,414.6	4,118.4	26.6	30.4	-59.94	845.4	1,204.1	477.8	429.7	48.16	9.922		
4,600.0	4,349.0	4,514.0	4,208.3	27.4	31.2	-60.65	868.9	1,239.4	487.0	437.0	49.95	9.749		
4,700.0	4,439.7	4,613.4	4,298.2	28.3	32.1	-61.34	892.4	1,274.8	496.2	444.5	51.75	9.588		
4,800.0	4,530.4	4,712.8	4,388.1	29.2	33.0	-62.00	915.9	1,310.1	505.5	452.0	53.56	9.439		
4,900.0	4,621.1	4,812.2	4,477.9	30.1	33.9	-62.63	939.3	1,345.4	514.9	459.5	55.36	9.300		
5,000.0	4,711.8	4,911.6	4,567.8	31.0	34.8	-63.24	962.8	1,380.8	524.3	467.1	57.17	9.170		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,802.4	5,011.0	4,657.7	31.9	35.6	-63.83	986.3	1,416.1	533.8	474.8	58.99	9.049		
5,200.0	4,893.1	5,110.4	4,747.6	32.8	36.5	-64.40	1,009.8	1,451.5	543.3	482.5	60.80	8.936		
5,300.0	4,983.8	5,209.8	4,837.5	33.7	37.4	-64.95	1,033.3	1,486.8	552.9	490.3	62.62	8.830		
5,400.0	5,074.5	5,309.2	4,927.4	34.6	38.3	-65.49	1,056.8	1,522.1	562.5	498.1	64.43	8.730		
5,500.0	5,165.2	5,408.6	5,017.3	35.5	39.2	-66.00	1,080.3	1,557.5	572.2	505.9	66.25	8.637		
5,530.6	5,192.9	5,439.0	5,044.7	35.8	39.4	-66.15	1,087.5	1,568.3	575.2	508.3	66.81	8.609		
5,600.0	5,256.2	5,512.6	5,111.4	36.3	40.0	-66.58	1,104.7	1,594.3	582.1	514.1	68.00	8.561		
5,700.0	5,348.6	5,626.0	5,215.5	37.0	40.8	-67.17	1,129.6	1,631.7	591.5	522.1	69.48	8.514		
5,800.0	5,442.3	5,739.5	5,321.4	37.6	41.5	-67.73	1,152.3	1,665.8	600.0	529.2	70.84	8.469		
5,900.0	5,537.1	5,853.2	5,429.1	38.1	42.1	-68.25	1,172.6	1,696.4	607.5	535.4	72.09	8.426		
6,000.0	5,632.9	5,967.1	5,538.2	38.6	42.6	-68.74	1,190.6	1,723.4	613.9	540.7	73.23	8.384		
6,100.0	5,729.7	6,081.1	5,648.6	39.0	43.1	-69.20	1,206.1	1,746.8	619.4	545.1	74.24	8.343		
6,200.0	5,827.3	6,195.1	5,760.2	39.4	43.5	-69.64	1,219.3	1,766.5	623.8	548.7	75.14	8.302		
6,300.0	5,925.6	6,309.2	5,872.6	39.7	43.9	-70.05	1,229.9	1,782.6	627.2	551.2	75.92	8.261		
6,400.0	6,024.5	6,423.2	5,985.7	40.0	44.1	-70.44	1,238.1	1,794.9	629.5	552.9	76.58	8.220		
6,500.0	6,123.9	6,537.2	6,099.2	40.2	44.3	-70.81	1,243.8	1,803.4	630.8	553.6	77.12	8.178		
6,600.0	6,223.6	6,651.1	6,212.9	40.4	44.5	-71.15	1,246.9	1,808.2	631.0	553.4	77.56	8.135		
6,700.0	6,323.5	6,761.7	6,323.5	40.5	44.6	-71.46	1,247.7	1,809.3	630.2	552.3	77.89	8.091		
6,776.5	6,400.0	6,838.2	6,400.0	40.6	44.6	-0.36	1,247.7	1,809.3	629.9	578.6	51.27	12.287		
6,800.0	6,423.5	6,861.7	6,423.5	40.6	44.6	-0.36	1,247.7	1,809.3	629.9	578.6	51.32	12.275		
6,900.0	6,523.5	6,961.7	6,523.5	40.7	44.7	-0.36	1,247.7	1,809.3	629.9	578.4	51.54	12.222		
6,949.6	6,573.1	7,011.3	6,573.1	40.7	44.7	-0.36	1,247.7	1,809.3	629.9	578.2	51.65	12.196		
6,954.3	6,577.8	7,016.0	6,577.8	40.7	44.7	90.28	1,247.7	1,809.3	629.9	551.6	78.30	8.045		
7,000.0	6,623.4	7,061.9	6,623.6	40.7	44.8	90.28	1,247.7	1,807.5	629.9	551.6	78.32	8.042		
7,050.0	6,673.1	7,112.1	6,673.5	40.7	44.7	90.27	1,247.6	1,802.2	629.9	551.6	78.27	8.048		
7,100.0	6,722.3	7,162.3	6,723.0	40.6	44.7	90.27	1,247.5	1,793.4	629.9	551.7	78.14	8.061		
7,150.0	6,770.8	7,212.5	6,771.6	40.6	44.6	90.27	1,247.4	1,781.2	629.9	551.9	77.96	8.080		
7,200.0	6,818.4	7,262.7	6,819.3	40.4	44.5	90.26	1,247.2	1,765.6	629.9	552.2	77.72	8.105		
7,250.0	6,864.7	7,312.9	6,865.8	40.3	44.3	90.25	1,247.0	1,746.7	629.9	552.5	77.44	8.134		
7,300.0	6,909.6	7,363.1	6,910.9	40.2	44.2	90.24	1,246.7	1,724.6	629.9	552.8	77.13	8.167		
7,350.0	6,952.9	7,413.3	6,954.3	40.0	44.0	90.23	1,246.5	1,699.3	629.9	553.1	76.80	8.202		
7,400.0	6,994.3	7,463.4	6,995.8	39.8	43.9	90.22	1,246.2	1,671.2	629.9	553.4	76.46	8.238		
7,450.0	7,033.7	7,513.6	7,035.2	39.7	43.7	90.21	1,245.8	1,640.2	629.9	553.8	76.13	8.274		
7,500.0	7,070.8	7,563.8	7,072.3	39.5	43.5	90.20	1,245.4	1,606.5	629.9	554.1	75.82	8.308		
7,550.0	7,105.5	7,613.9	7,107.0	39.4	43.3	90.18	1,245.0	1,570.3	629.9	554.4	75.54	8.339		
7,600.0	7,137.6	7,664.0	7,139.1	39.3	43.2	90.17	1,244.6	1,531.7	629.9	554.6	75.30	8.365		
7,650.0	7,167.0	7,714.2	7,168.3	39.2	43.0	90.15	1,244.2	1,491.1	629.9	554.8	75.12	8.385		
7,700.0	7,193.4	7,764.3	7,194.7	39.1	42.9	90.14	1,243.7	1,448.5	629.9	554.9	75.01	8.398		
7,750.0	7,216.8	7,814.4	7,218.0	39.1	42.8	90.12	1,243.2	1,404.2	629.9	554.9	74.97	8.403		
7,800.0	7,237.1	7,864.4	7,238.2	39.1	42.7	90.10	1,242.7	1,358.3	629.9	554.9	75.01	8.398		
7,850.0	7,254.2	7,914.5	7,255.1	39.2	42.6	90.08	1,242.2	1,311.2	629.9	554.8	75.13	8.384		
7,900.0	7,267.9	7,964.6	7,268.6	39.3	42.5	90.07	1,241.7	1,263.0	629.9	554.6	75.35	8.360		
7,950.0	7,278.3	8,014.6	7,278.8	39.4	42.5	90.05	1,241.1	1,214.0	629.9	554.3	75.65	8.326		
8,000.0	7,285.2	8,064.6	7,285.5	39.5	42.5	90.03	1,240.6	1,164.5	629.9	553.9	76.04	8.284		
8,050.0	7,288.6	8,114.7	7,288.7	39.7	42.6	90.01	1,240.0	1,114.6	629.9	553.4	76.50	8.234		
8,071.1	7,289.0	8,135.7	7,289.0	39.8	42.6	90.00	1,239.8	1,093.5	629.9	553.2	76.72	8.211		
8,071.2	7,289.0	8,135.8	7,289.0	39.8	42.6	90.00	1,239.8	1,093.4	629.9	553.2	76.72	8.211		
8,072.5	7,289.0	8,137.1	7,289.0	39.8	42.6	90.00	1,239.8	1,092.1	629.9	553.2	76.73	8.210		
8,100.0	7,289.1	8,164.6	7,289.1	40.0	42.6	90.00	1,239.5	1,064.6	629.9	552.9	77.05	8.176		
8,200.0	7,289.6	8,264.6	7,289.6	40.6	42.8	90.00	1,238.4	964.6	629.9	551.5	78.42	8.032		
8,300.0	7,290.0	8,364.6	7,290.0	41.4	43.2	90.00	1,237.3	864.6	629.9	549.8	80.16	7.858		
8,400.0	7,290.4	8,464.6	7,290.5	42.3	43.8	90.00	1,236.2	764.6	629.9	547.7	82.24	7.659		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
8,500.0	7,290.9	8,564.6	7,290.9	43.4	44.5	90.00	1,235.1	664.6	629.9	545.3	84.65	7.442		
8,600.0	7,291.3	8,664.6	7,291.3	44.7	45.4	90.00	1,234.0	564.7	629.9	542.6	87.35	7.212		
8,700.0	7,291.7	8,764.6	7,291.8	46.1	46.5	90.00	1,232.9	464.7	629.9	539.6	90.32	6.975		
8,800.0	7,292.2	8,864.6	7,292.2	47.7	47.7	90.00	1,231.8	364.7	629.9	536.4	93.53	6.735		
8,900.0	7,292.6	8,964.6	7,292.6	49.4	49.1	90.00	1,230.7	264.7	629.9	533.0	96.96	6.497		
9,000.0	7,293.0	9,064.6	7,293.1	51.1	50.7	90.00	1,229.6	164.7	629.9	529.3	100.59	6.262		
9,100.0	7,293.5	9,164.6	7,293.5	53.0	52.4	90.00	1,228.5	64.7	629.9	525.5	104.40	6.034		
9,200.0	7,293.9	9,264.6	7,293.9	55.0	54.2	90.00	1,227.4	-35.3	629.9	521.6	108.36	5.813		
9,300.0	7,294.4	9,364.6	7,294.4	57.0	56.1	90.00	1,226.3	-135.3	629.9	517.5	112.47	5.601		
9,400.0	7,294.8	9,464.6	7,294.8	59.1	58.1	90.00	1,225.2	-235.3	629.9	513.2	116.70	5.398		
9,500.0	7,295.2	9,564.6	7,295.3	61.3	60.2	90.00	1,224.1	-335.3	629.9	508.9	121.05	5.204		
9,600.0	7,295.7	9,664.6	7,295.7	63.5	62.3	90.00	1,223.1	-435.3	629.9	504.4	125.49	5.020		
9,700.0	7,296.1	9,764.6	7,296.1	65.7	64.5	90.00	1,222.0	-535.3	629.9	499.9	130.03	4.844		
9,800.0	7,296.5	9,864.6	7,296.6	68.0	66.8	90.00	1,220.9	-635.3	629.9	495.3	134.65	4.678		
9,900.0	7,297.0	9,964.6	7,297.0	70.4	69.1	90.00	1,219.8	-735.3	629.9	490.6	139.34	4.521		
10,000.0	7,297.4	10,064.6	7,297.4	72.8	71.4	90.00	1,218.7	-835.3	629.9	485.8	144.10	4.371		
10,100.0	7,297.8	10,164.6	7,297.9	75.2	73.8	90.00	1,217.6	-935.2	629.9	481.0	148.92	4.230		
10,200.0	7,298.3	10,264.6	7,298.3	77.6	76.3	90.00	1,216.5	-1,035.2	629.9	476.1	153.79	4.096		
10,300.0	7,298.7	10,364.6	7,298.8	80.1	78.7	90.00	1,215.4	-1,135.2	629.9	471.2	158.71	3.969		
10,400.0	7,299.2	10,464.6	7,299.2	82.5	81.2	90.00	1,214.3	-1,235.2	629.9	466.2	163.68	3.849		
10,500.0	7,299.6	10,564.6	7,299.6	85.0	83.7	90.00	1,213.2	-1,335.2	629.9	461.2	168.69	3.734		
10,600.0	7,300.0	10,664.6	7,300.1	87.6	86.2	90.00	1,212.1	-1,435.2	629.9	456.2	173.74	3.626		
10,700.0	7,300.5	10,764.6	7,300.5	90.1	88.7	90.00	1,211.0	-1,535.2	629.9	451.1	178.82	3.523		
10,800.0	7,300.9	10,864.6	7,300.9	92.7	91.3	90.00	1,209.9	-1,635.2	629.9	446.0	183.93	3.425		
10,900.0	7,301.3	10,964.6	7,301.4	95.2	93.8	90.00	1,208.8	-1,735.2	629.9	440.9	189.07	3.332		
11,000.0	7,301.8	11,064.6	7,301.8	97.8	96.4	90.00	1,207.7	-1,835.2	629.9	435.7	194.23	3.243		
11,100.0	7,302.2	11,164.6	7,302.3	100.4	99.0	90.00	1,206.6	-1,935.2	629.9	430.5	199.43	3.159		
11,200.0	7,302.6	11,264.6	7,302.7	103.0	101.6	90.00	1,205.5	-2,035.2	629.9	425.3	204.64	3.078		
11,300.0	7,303.1	11,364.6	7,303.1	105.6	104.2	90.00	1,204.4	-2,135.2	629.9	420.1	209.87	3.001		
11,400.0	7,303.5	11,464.6	7,303.6	108.3	106.9	90.00	1,203.3	-2,235.2	629.9	414.8	215.13	2.928		
11,500.0	7,303.9	11,564.6	7,304.0	110.9	109.5	90.00	1,202.3	-2,335.1	629.9	409.5	220.40	2.858		
11,600.0	7,304.4	11,664.6	7,304.4	113.5	112.2	90.00	1,201.2	-2,435.1	629.9	404.2	225.69	2.791		
11,700.0	7,304.8	11,764.6	7,304.9	116.2	114.8	90.00	1,200.1	-2,535.1	629.9	398.9	230.99	2.727		
11,800.0	7,305.3	11,864.6	7,305.3	118.9	117.5	90.01	1,199.0	-2,635.1	629.9	393.6	236.31	2.666		
11,900.0	7,305.7	11,964.6	7,305.7	121.5	120.1	90.01	1,197.9	-2,735.1	629.9	388.3	241.65	2.607		
12,000.0	7,306.1	12,064.6	7,306.2	124.2	122.8	90.01	1,196.8	-2,835.1	629.9	382.9	246.99	2.550		
12,100.0	7,306.6	12,164.6	7,306.6	126.9	125.5	90.01	1,195.7	-2,935.1	629.9	377.6	252.35	2.496		
12,200.0	7,307.0	12,264.6	7,307.1	129.6	128.2	90.01	1,194.6	-3,035.1	629.9	372.2	257.72	2.444		
12,300.0	7,307.4	12,364.6	7,307.5	132.2	130.9	90.01	1,193.5	-3,135.1	629.9	366.8	263.10	2.394		
12,400.0	7,307.9	12,464.6	7,307.9	134.9	133.6	90.01	1,192.4	-3,235.1	629.9	361.5	268.49	2.346		
12,500.0	7,308.3	12,564.6	7,308.4	137.6	136.3	90.01	1,191.3	-3,335.1	629.9	356.1	273.88	2.300		
12,600.0	7,308.7	12,664.6	7,308.8	140.3	139.0	90.01	1,190.2	-3,435.1	629.9	350.7	279.29	2.256		
12,700.0	7,309.2	12,764.6	7,309.2	143.0	141.7	90.01	1,189.1	-3,535.1	629.9	345.2	284.71	2.213		
12,800.0	7,309.6	12,864.6	7,309.7	145.8	144.4	90.01	1,188.0	-3,635.1	629.9	339.8	290.13	2.171		
12,900.0	7,310.1	12,964.6	7,310.1	148.5	147.1	90.01	1,186.9	-3,735.0	629.9	334.4	295.56	2.131		
13,000.0	7,310.5	13,064.6	7,310.6	151.2	149.8	90.01	1,185.8	-3,835.0	629.9	329.0	301.00	2.093		
13,100.0	7,310.9	13,164.6	7,311.0	153.9	152.6	90.01	1,184.7	-3,935.0	629.9	323.5	306.44	2.056		
13,200.0	7,311.4	13,264.6	7,311.4	156.6	155.3	90.01	1,183.6	-4,035.0	629.9	318.1	311.89	2.020		
13,300.0	7,311.8	13,364.6	7,311.9	159.4	158.0	90.01	1,182.5	-4,135.0	629.9	312.6	317.35	1.985		
13,400.0	7,312.2	13,464.6	7,312.3	162.1	160.7	90.01	1,181.5	-4,235.0	629.9	307.1	322.81	1.951		
13,500.0	7,312.7	13,564.6	7,312.7	164.8	163.5	90.01	1,180.4	-4,335.0	630.0	301.7	328.27	1.919		
13,600.0	7,313.1	13,664.6	7,313.2	167.6	166.2	90.01	1,179.3	-4,435.0	630.0	296.2	333.75	1.888		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.0	7,313.5	13,764.6	7,313.6	170.3	169.0	90.01	1,178.2	-4,535.0	630.0	290.7	339.22	1.857		
13,800.0	7,314.0	13,864.6	7,314.1	173.0	171.7	90.01	1,177.1	-4,635.0	630.0	285.2	344.70	1.828		
13,900.0	7,314.4	13,964.6	7,314.5	175.8	174.4	90.01	1,176.0	-4,735.0	630.0	279.8	350.19	1.799		
14,000.0	7,314.8	14,064.6	7,314.9	178.5	177.2	90.01	1,174.9	-4,835.0	630.0	274.3	355.68	1.771		
14,100.0	7,315.3	14,164.6	7,315.4	181.3	179.9	90.01	1,173.8	-4,935.0	630.0	268.8	361.17	1.744		
14,200.0	7,315.7	14,264.6	7,315.8	184.0	182.7	90.01	1,172.7	-5,035.0	630.0	263.3	366.67	1.718		
14,300.0	7,316.2	14,364.6	7,316.2	186.8	185.4	90.01	1,171.6	-5,135.0	630.0	257.8	372.17	1.693		
14,400.0	7,316.6	14,464.6	7,316.7	189.5	188.2	90.01	1,170.5	-5,234.9	630.0	252.3	377.68	1.668		
14,500.0	7,317.0	14,564.6	7,317.1	192.3	190.9	90.01	1,169.4	-5,334.9	630.0	246.8	383.18	1.644		
14,600.0	7,317.5	14,664.6	7,317.6	195.0	193.7	90.01	1,168.3	-5,434.9	630.0	241.3	388.70	1.621		
14,700.0	7,317.9	14,764.6	7,318.0	197.8	196.5	90.01	1,167.2	-5,534.9	630.0	235.7	394.21	1.598		
14,800.0	7,318.3	14,864.6	7,318.4	200.6	199.2	90.01	1,166.1	-5,634.9	630.0	230.2	399.73	1.576		
14,900.0	7,318.8	14,964.6	7,318.9	203.3	202.0	90.01	1,165.0	-5,734.9	630.0	224.7	405.25	1.555		
15,000.0	7,319.2	15,064.6	7,319.3	206.1	204.7	90.01	1,163.9	-5,834.9	630.0	219.2	410.77	1.534		
15,100.0	7,319.6	15,164.6	7,319.7	208.8	207.5	90.01	1,162.8	-5,934.9	630.0	213.7	416.29	1.513		
15,200.0	7,320.1	15,264.6	7,320.2	211.6	210.3	90.01	1,161.7	-6,034.9	630.0	208.1	421.82	1.493 Level 3		
15,300.0	7,320.5	15,364.6	7,320.6	214.4	213.0	90.01	1,160.7	-6,134.9	630.0	202.6	427.35	1.474 Level 3		
15,400.0	7,321.0	15,464.6	7,321.0	217.1	215.8	90.01	1,159.6	-6,234.9	630.0	197.1	432.89	1.455 Level 3		
15,500.0	7,321.4	15,564.6	7,321.5	219.9	218.6	90.01	1,158.5	-6,334.9	630.0	191.5	438.42	1.437 Level 3		
15,600.0	7,321.8	15,664.6	7,321.9	222.7	221.3	90.01	1,157.4	-6,434.9	630.0	186.0	443.96	1.419 Level 3		
15,700.0	7,322.3	15,764.6	7,322.4	225.4	224.1	90.01	1,156.3	-6,534.9	630.0	180.5	449.50	1.401 Level 3		
15,800.0	7,322.7	15,864.6	7,322.8	228.2	226.9	90.01	1,155.2	-6,634.8	630.0	174.9	455.04	1.384 Level 3		
15,900.0	7,323.1	15,964.6	7,323.2	231.0	229.6	90.01	1,154.1	-6,734.8	630.0	169.4	460.58	1.368 Level 3		
16,000.0	7,323.6	16,064.6	7,323.7	233.8	232.4	90.01	1,153.0	-6,834.8	630.0	163.8	466.12	1.351 Level 3		
16,100.0	7,324.0	16,164.6	7,324.1	236.5	235.2	90.01	1,151.9	-6,934.8	630.0	158.3	471.67	1.336 Level 3		
16,200.0	7,324.4	16,264.6	7,324.5	239.3	238.0	90.01	1,150.8	-7,034.8	630.0	152.7	477.22	1.320 Level 3		
16,300.0	7,324.9	16,364.6	7,325.0	242.1	240.7	90.01	1,149.7	-7,134.8	630.0	147.2	482.77	1.305 Level 3		
16,400.0	7,325.3	16,464.6	7,325.4	244.9	243.5	90.01	1,148.6	-7,234.8	630.0	141.6	488.32	1.290 Level 3		
16,500.0	7,325.7	16,564.6	7,325.9	247.6	246.3	90.01	1,147.5	-7,334.8	630.0	136.1	493.87	1.276 Level 3		
16,600.0	7,326.2	16,664.6	7,326.3	250.4	249.1	90.01	1,146.4	-7,434.8	630.0	130.5	499.43	1.261 Level 3		
16,700.0	7,326.6	16,764.6	7,326.7	253.2	251.8	90.01	1,145.3	-7,534.8	630.0	125.0	504.98	1.248 Level 2		
16,800.0	7,327.1	16,864.6	7,327.2	256.0	254.6	90.01	1,144.2	-7,634.8	630.0	119.4	510.54	1.234 Level 2		
16,900.0	7,327.5	16,964.6	7,327.6	258.7	257.4	90.01	1,143.1	-7,734.8	630.0	113.9	516.10	1.221 Level 2		
17,000.0	7,327.9	17,064.6	7,328.0	261.5	260.2	90.01	1,142.0	-7,834.8	630.0	108.3	521.66	1.208 Level 2		
17,100.0	7,328.4	17,164.6	7,328.5	264.3	263.0	90.01	1,140.9	-7,934.8	630.0	102.8	527.22	1.195 Level 2		
17,200.0	7,328.8	17,264.6	7,328.9	267.1	265.7	90.01	1,139.9	-8,034.8	630.0	97.2	532.78	1.182 Level 2		
17,300.0	7,329.2	17,364.6	7,329.4	269.9	268.5	90.01	1,138.8	-8,134.7	630.0	91.6	538.34	1.170 Level 2		
17,400.0	7,329.7	17,464.6	7,329.8	272.6	271.3	90.01	1,137.7	-8,234.7	630.0	86.1	543.91	1.158 Level 2		
17,500.0	7,330.1	17,564.6	7,330.2	275.4	274.1	90.01	1,136.6	-8,334.7	630.0	80.5	549.47	1.147 Level 2		
17,600.0	7,330.5	17,664.6	7,330.7	278.2	276.9	90.01	1,135.5	-8,434.7	630.0	74.9	555.04	1.135 Level 2		
17,700.0	7,331.0	17,764.6	7,331.1	281.0	279.7	90.01	1,134.4	-8,534.7	630.0	69.4	560.61	1.124 Level 2		
17,800.0	7,331.4	17,864.6	7,331.5	283.8	282.4	90.01	1,133.3	-8,634.7	630.0	63.8	566.18	1.113 Level 2		
17,900.0	7,331.9	17,964.6	7,332.0	286.6	285.2	90.01	1,132.2	-8,734.7	630.0	58.2	571.75	1.102 Level 2		
18,000.0	7,332.3	18,064.6	7,332.4	289.3	288.0	90.01	1,131.1	-8,834.7	630.0	52.7	577.32	1.091 Level 2		
18,100.0	7,332.7	18,164.6	7,332.8	292.1	290.8	90.01	1,130.0	-8,934.7	630.0	47.1	582.89	1.081 Level 2		
18,200.0	7,333.2	18,264.6	7,333.3	294.9	293.6	90.01	1,128.9	-9,034.7	630.0	41.5	588.46	1.071 Level 2		
18,300.0	7,333.6	18,364.6	7,333.7	297.7	296.4	90.01	1,127.8	-9,134.7	630.0	35.9	594.04	1.061 Level 2		
18,341.8	7,333.8	18,406.4	7,333.9	298.9	297.5	90.01	1,127.4	-9,176.5	630.0	33.6	596.37	1.056 Level 2		
18,392.8	7,334.0	18,427.8	7,334.0	300.3	298.1	90.01	1,127.1	-9,197.9	630.7	32.3	598.38	1.054 Level 2, ES, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.53	30.2	0.3	30.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.53	30.2	0.3	30.2	30.0	0.22	134.558		
200.0	200.0	200.0	200.0	0.3	0.3	0.53	30.2	0.3	30.2	29.6	0.67	44.853		
300.0	300.0	300.0	300.0	0.6	0.6	0.53	30.2	0.3	30.2	29.1	1.12	26.912		
400.0	400.0	400.0	400.0	0.8	0.8	0.53	30.2	0.3	30.2	28.7	1.57	19.223 CC		
500.0	500.0	499.6	499.6	1.0	1.0	2.60	30.9	1.4	30.9	28.9	2.02	15.345		
600.0	600.0	599.0	598.9	1.2	1.2	8.25	32.8	4.8	33.2	30.7	2.46	13.514		
700.0	700.0	698.2	697.9	1.5	1.5	15.99	36.1	10.3	37.6	34.7	2.91	12.928		
800.0	800.0	797.0	796.2	1.7	1.7	24.03	40.6	18.1	44.6	41.2	3.38	13.214		
900.0	900.0	895.3	894.0	1.9	2.0	-40.84	46.3	28.0	53.5	49.7	3.82	13.997		
1,000.0	999.9	993.5	991.1	2.1	2.3	-36.77	53.3	40.1	63.1	58.8	4.27	14.760		
1,100.0	1,099.7	1,091.3	1,087.6	2.3	2.6	-34.13	61.6	54.2	73.1	68.3	4.74	15.429		
1,200.0	1,199.3	1,188.9	1,183.3	2.6	2.9	-32.44	71.0	70.5	83.4	78.2	5.21	15.990		
1,300.0	1,298.6	1,286.2	1,278.3	2.8	3.3	-31.40	81.6	88.8	93.9	88.2	5.71	16.444		
1,400.0	1,397.5	1,383.3	1,372.5	3.1	3.8	-30.82	93.4	109.1	104.5	98.3	6.22	16.796		
1,500.0	1,496.1	1,480.1	1,465.8	3.4	4.3	-30.58	106.4	131.5	115.4	108.6	6.76	17.054		
1,600.0	1,594.2	1,576.6	1,558.1	3.8	4.8	-30.57	120.5	155.8	126.3	119.0	7.33	17.222		
1,700.0	1,691.7	1,672.9	1,649.4	4.1	5.4	-30.75	135.8	182.0	137.4	129.4	7.94	17.301		
1,800.0	1,788.6	1,768.9	1,739.7	4.6	6.0	-31.08	152.1	210.1	148.6	140.0	8.59	17.300		
1,900.0	1,884.9	1,864.6	1,829.0	5.1	6.7	-31.51	169.5	240.1	159.9	150.6	9.28	17.224		
2,000.0	1,980.4	1,960.1	1,917.0	5.6	7.4	-32.03	188.0	272.0	171.3	161.3	10.03	17.079		
2,100.0	2,075.0	2,057.2	2,005.8	6.2	8.2	-32.66	207.8	306.1	182.6	171.8	10.85	16.836		
2,200.0	2,168.9	2,156.7	2,096.6	6.8	9.0	-33.62	228.3	341.3	192.1	180.4	11.76	16.342		
2,300.0	2,261.7	2,256.3	2,187.4	7.5	9.8	-34.93	248.8	376.6	199.6	186.8	12.77	15.628		
2,400.0	2,353.6	2,356.0	2,278.4	8.3	10.6	-36.58	269.3	411.9	205.0	191.1	13.91	14.741		
2,461.3	2,409.4	2,417.1	2,334.1	8.8	11.1	-37.77	281.8	433.6	207.4	192.7	14.68	14.130		
2,500.0	2,444.5	2,455.6	2,369.3	9.1	11.4	-38.58	289.8	447.2	208.7	193.5	15.20	13.733		
2,600.0	2,535.2	2,555.3	2,460.2	9.9	12.3	-40.61	310.3	482.5	212.3	195.7	16.60	12.791		
2,700.0	2,625.9	2,654.9	2,551.1	10.7	13.1	-42.57	330.8	517.8	216.1	198.0	18.06	11.964		
2,800.0	2,716.6	2,754.6	2,642.0	11.6	13.9	-44.47	351.3	553.1	220.2	200.6	19.60	11.237		
2,900.0	2,807.3	2,854.2	2,733.0	12.5	14.8	-46.29	371.7	588.4	224.5	203.3	21.18	10.599		
3,000.0	2,898.0	2,953.9	2,823.9	13.3	15.6	-48.04	392.2	623.7	229.0	206.2	22.82	10.039		
3,100.0	2,988.7	3,053.6	2,914.8	14.2	16.4	-49.72	412.7	659.0	233.8	209.3	24.49	9.545		
3,200.0	3,079.3	3,153.2	3,005.7	15.1	17.3	-51.34	433.2	694.3	238.7	212.5	26.20	9.110		
3,300.0	3,170.0	3,252.9	3,096.6	15.9	18.1	-52.89	453.7	729.5	243.8	215.9	27.95	8.725		
3,400.0	3,260.7	3,352.5	3,187.5	16.8	19.0	-54.37	474.2	764.8	249.1	219.4	29.72	8.384		
3,500.0	3,351.4	3,452.2	3,278.4	17.7	19.8	-55.79	494.7	800.1	254.6	223.1	31.50	8.081		
3,600.0	3,442.1	3,551.8	3,369.4	18.6	20.7	-57.16	515.2	835.4	260.2	226.9	33.31	7.810		
3,700.0	3,532.8	3,651.5	3,460.3	19.4	21.5	-58.46	535.7	870.7	265.9	230.8	35.14	7.568		
3,800.0	3,623.5	3,751.1	3,551.2	20.3	22.4	-59.71	556.2	906.0	271.8	234.8	36.97	7.352		
3,900.0	3,714.2	3,850.8	3,642.1	21.2	23.2	-60.90	576.7	941.3	277.8	239.0	38.82	7.157		
4,000.0	3,804.9	3,950.5	3,733.0	22.1	24.0	-62.05	597.2	976.6	283.9	243.2	40.67	6.981		
4,100.0	3,895.6	4,050.1	3,823.9	23.0	24.9	-63.14	617.7	1,011.9	290.1	247.6	42.53	6.822		
4,200.0	3,986.2	4,149.8	3,914.8	23.9	25.7	-64.19	638.2	1,047.2	296.4	252.1	44.39	6.679		
4,300.0	4,076.9	4,249.4	4,005.8	24.8	26.6	-65.20	658.7	1,082.5	302.9	256.6	46.25	6.548		
4,400.0	4,167.6	4,349.1	4,096.7	25.7	27.4	-66.16	679.2	1,117.8	309.4	261.3	48.12	6.429		
4,500.0	4,258.3	4,448.7	4,187.6	26.6	28.3	-67.09	699.7	1,153.1	316.0	266.0	49.99	6.320		
4,600.0	4,349.0	4,548.4	4,278.5	27.4	29.1	-67.97	720.2	1,188.4	322.6	270.8	51.86	6.221		
4,700.0	4,439.7	4,648.0	4,369.4	28.3	30.0	-68.82	740.7	1,223.7	329.4	275.6	53.73	6.130		
4,800.0	4,530.4	4,747.7	4,460.3	29.2	30.8	-69.64	761.2	1,258.9	336.2	280.6	55.60	6.047		
4,900.0	4,621.1	4,847.4	4,551.3	30.1	31.7	-70.42	781.6	1,294.2	343.1	285.6	57.46	5.970		
5,000.0	4,711.8	4,947.0	4,642.2	31.0	32.5	-71.17	802.1	1,329.5	350.0	290.7	59.33	5.899		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,802.4	5,046.7	4,733.1	31.9	33.4	-71.90	822.6	1,364.8	357.0	295.8	61.19	5.834		
5,200.0	4,893.1	5,146.3	4,824.0	32.8	34.2	-72.59	843.1	1,400.1	364.1	301.0	63.05	5.774		
5,300.0	4,983.8	5,246.0	4,914.9	33.7	35.1	-73.26	863.6	1,435.4	371.2	306.2	64.91	5.718		
5,400.0	5,074.5	5,345.6	5,005.8	34.6	35.9	-73.91	884.1	1,470.7	378.3	311.5	66.77	5.666		
5,500.0	5,165.2	5,445.3	5,096.7	35.5	36.8	-74.53	904.6	1,506.0	385.5	316.9	68.62	5.618		
5,530.6	5,192.9	5,475.7	5,124.5	35.8	37.1	-74.71	910.9	1,516.8	387.7	318.5	69.19	5.604		
5,600.0	5,256.2	5,545.0	5,187.7	36.3	37.6	-75.11	925.1	1,541.3	393.0	322.6	70.38	5.584		
5,700.0	5,348.6	5,644.6	5,278.6	37.0	38.5	-75.27	945.6	1,576.6	401.3	329.5	71.83	5.587		
5,800.0	5,442.3	5,747.2	5,372.4	37.6	39.3	-75.00	966.5	1,612.6	410.3	337.3	73.02	5.620		
5,900.0	5,537.1	5,853.5	5,470.8	38.1	39.9	-74.67	986.6	1,647.2	418.9	344.9	74.01	5.660		
6,000.0	5,632.9	5,960.1	5,571.0	38.6	40.6	-74.33	1,004.9	1,678.7	426.8	352.0	74.90	5.699		
6,100.0	5,729.7	6,067.0	5,672.8	39.0	41.1	-73.98	1,021.4	1,707.0	434.1	358.4	75.67	5.737		
6,200.0	5,827.3	6,174.3	5,776.0	39.4	41.6	-73.64	1,035.9	1,732.2	440.6	364.3	76.32	5.773		
6,300.0	5,925.6	6,281.8	5,880.5	39.7	42.0	-73.28	1,048.6	1,754.0	446.4	369.5	76.86	5.807		
6,400.0	6,024.5	6,389.5	5,986.1	40.0	42.4	-72.93	1,059.3	1,772.4	451.5	374.2	77.30	5.841		
6,500.0	6,123.9	6,497.6	6,092.7	40.2	42.7	-72.56	1,068.0	1,787.4	455.8	378.2	77.61	5.872		
6,600.0	6,223.6	6,605.8	6,200.1	40.4	43.0	-72.18	1,074.7	1,799.0	459.4	381.6	77.82	5.903		
6,700.0	6,323.5	6,714.3	6,308.2	40.5	43.2	-71.79	1,079.4	1,807.0	462.2	384.3	77.92	5.932		
6,776.5	6,400.0	6,797.4	6,391.2	40.6	43.3	-0.30	1,081.6	1,810.8	463.9	384.8	78.01	5.948		
6,800.0	6,423.5	6,822.9	6,416.7	40.6	43.3	-0.21	1,082.0	1,811.5	464.3	385.1	78.04	5.952		
6,900.0	6,523.5	6,929.7	6,523.5	40.7	43.4	-0.08	1,082.6	1,812.6	464.8	385.6	78.07	5.956		
6,949.6	6,573.1	6,979.3	6,573.1	40.7	43.4	-0.08	1,082.6	1,812.6	464.8	385.6	78.07	5.956		
7,000.0	6,623.4	7,029.6	6,623.4	40.7	43.5	90.77	1,082.6	1,812.6	464.9	386.8	78.06	5.955		
7,050.0	6,673.1	7,079.7	6,673.5	40.7	43.5	91.36	1,082.6	1,812.1	465.0	387.2	77.79	5.977		
7,100.0	6,722.3	7,130.4	6,724.1	40.6	43.5	92.00	1,082.6	1,808.6	465.1	387.7	77.41	6.008		
7,150.0	6,770.8	7,181.5	6,774.6	40.6	43.4	92.63	1,082.5	1,801.3	465.3	388.3	76.97	6.045		
7,200.0	6,818.4	7,233.0	6,824.9	40.4	43.4	93.25	1,082.4	1,790.4	465.6	389.1	76.48	6.088		
7,250.0	6,864.7	7,284.8	6,874.7	40.3	43.3	93.86	1,082.2	1,775.8	465.9	389.9	75.95	6.134		
7,300.0	6,909.6	7,337.1	6,923.6	40.2	43.1	94.44	1,082.0	1,757.5	466.2	390.8	75.40	6.184		
7,350.0	6,952.9	7,389.7	6,971.4	40.0	43.0	95.01	1,081.8	1,735.5	466.6	391.8	74.84	6.235		
7,400.0	6,994.3	7,442.7	7,017.7	39.8	42.8	95.55	1,081.5	1,709.9	467.0	392.7	74.29	6.287		
7,450.0	7,033.7	7,496.0	7,062.3	39.7	42.6	96.07	1,081.2	1,680.6	467.5	393.7	73.77	6.337		
7,500.0	7,070.8	7,549.8	7,105.0	39.5	42.4	96.55	1,080.8	1,647.9	467.9	394.6	73.30	6.384		
7,550.0	7,105.5	7,603.8	7,145.2	39.4	42.2	97.00	1,080.4	1,611.9	468.3	395.5	72.89	6.426		
7,600.0	7,137.6	7,658.2	7,182.9	39.3	42.1	97.41	1,080.0	1,572.7	468.8	396.2	72.55	6.461		
7,650.0	7,167.0	7,712.8	7,217.6	39.2	41.9	97.79	1,079.5	1,530.6	469.2	396.9	72.32	6.488		
7,700.0	7,193.4	7,767.7	7,249.2	39.1	41.7	98.12	1,079.0	1,485.7	469.6	397.4	72.19	6.505		
7,750.0	7,216.8	7,822.9	7,277.3	39.1	41.6	98.42	1,078.5	1,438.2	469.9	397.7	72.18	6.510		
7,800.0	7,237.1	7,878.2	7,301.8	39.1	41.5	98.66	1,078.0	1,388.6	470.2	397.9	72.30	6.504		
7,850.0	7,254.2	7,933.8	7,322.5	39.2	41.4	98.86	1,077.4	1,337.1	470.5	397.9	72.55	6.485		
7,900.0	7,267.9	7,989.5	7,339.1	39.3	41.4	99.02	1,076.8	1,284.0	470.7	397.7	72.93	6.454		
7,950.0	7,278.3	8,045.2	7,351.6	39.4	41.4	99.12	1,076.2	1,229.6	470.8	397.4	73.44	6.411		
8,000.0	7,285.2	8,101.1	7,359.8	39.5	41.4	99.17	1,075.6	1,174.4	470.9	396.8	74.06	6.358		
8,050.0	7,288.6	8,156.9	7,363.7	39.7	41.5	99.18	1,075.0	1,118.7	470.9	396.1	74.80	6.296		
8,071.1	7,289.0	8,180.2	7,364.0	39.8	41.5	99.17	1,074.8	1,095.4	470.9	395.8	75.13	6.268		
8,071.2	7,289.0	8,180.3	7,364.0	39.8	41.5	99.16	1,074.8	1,095.3	470.9	395.8	75.13	6.267		
8,072.5	7,289.0	8,181.6	7,364.0	39.8	41.5	99.16	1,074.7	1,094.0	470.9	395.7	75.14	6.266		
8,100.0	7,289.1	8,209.1	7,364.0	40.0	41.6	99.15	1,074.4	1,066.5	470.9	395.4	75.46	6.240		
8,200.0	7,289.6	8,309.1	7,364.1	40.6	41.9	99.11	1,073.4	966.5	470.8	394.0	76.81	6.130		
8,300.0	7,290.0	8,409.1	7,364.2	41.4	42.4	99.07	1,072.3	866.5	470.8	392.2	78.53	5.995		
8,400.0	7,290.4	8,509.1	7,364.3	42.3	43.0	99.03	1,071.2	766.5	470.7	390.1	80.60	5.840		
8,500.0	7,290.9	8,609.1	7,364.4	43.4	43.9	98.99	1,070.1	666.5	470.7	387.7	82.99	5.671		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks N-27-28HC - Wellbore #1 - Plan #1 (8-02-17)		Offset Site Error:		0.0 ft
Survey Program:				0-MWD									Offset Well Error:		0.0 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,600.0	7,291.3	8,709.1	7,364.5	44.7	44.9	98.95	1,069.0	566.5	470.6	384.9	85.68	5.493					
8,700.0	7,291.7	8,809.1	7,364.6	46.1	46.1	98.91	1,067.9	466.5	470.6	381.9	88.63	5.309					
8,800.0	7,292.2	8,909.1	7,364.7	47.7	47.4	98.87	1,066.8	366.5	470.5	378.7	91.83	5.124					
8,900.0	7,292.6	9,009.1	7,364.8	49.4	48.9	98.83	1,065.7	266.6	470.5	375.2	95.24	4.940					
9,000.0	7,293.0	9,109.1	7,364.9	51.1	50.5	98.79	1,064.6	166.6	470.4	371.6	98.85	4.759					
9,100.0	7,293.5	9,209.1	7,365.0	53.0	52.3	98.75	1,063.5	66.6	470.4	367.7	102.64	4.583					
9,200.0	7,293.9	9,309.1	7,365.1	55.0	54.1	98.70	1,062.4	-33.4	470.3	363.7	106.58	4.413					
9,300.0	7,294.4	9,409.1	7,365.2	57.0	56.1	98.66	1,061.3	-133.4	470.3	359.6	110.67	4.249					
9,400.0	7,294.8	9,509.1	7,365.3	59.1	58.1	98.62	1,060.2	-233.4	470.2	355.3	114.88	4.093					
9,500.0	7,295.2	9,609.1	7,365.4	61.3	60.2	98.58	1,059.1	-333.4	470.2	351.0	119.20	3.944					
9,600.0	7,295.7	9,709.1	7,365.5	63.5	62.4	98.54	1,058.0	-433.4	470.1	346.5	123.62	3.803					
9,700.0	7,296.1	9,809.1	7,365.6	65.7	64.6	98.50	1,056.9	-533.4	470.1	341.9	128.14	3.668					
9,800.0	7,296.5	9,909.1	7,365.7	68.0	66.9	98.46	1,055.8	-633.4	470.0	337.3	132.73	3.541					
9,900.0	7,297.0	10,009.1	7,365.8	70.4	69.2	98.42	1,054.8	-733.4	470.0	332.6	137.40	3.420					
10,000.0	7,297.4	10,109.1	7,365.9	72.8	71.6	98.38	1,053.7	-833.4	469.9	327.8	142.13	3.306					
10,100.0	7,297.8	10,209.1	7,366.0	75.2	74.0	98.34	1,052.6	-933.4	469.9	322.9	146.93	3.198					
10,200.0	7,298.3	10,309.1	7,366.1	77.6	76.4	98.30	1,051.5	-1,033.4	469.8	318.0	151.77	3.096					
10,300.0	7,298.7	10,409.1	7,366.2	80.1	78.8	98.25	1,050.4	-1,133.4	469.8	313.1	156.67	2.998					
10,400.0	7,299.2	10,509.1	7,366.3	82.5	81.3	98.21	1,049.3	-1,233.3	469.7	308.1	161.62	2.906					
10,500.0	7,299.6	10,609.1	7,366.4	85.0	83.8	98.17	1,048.2	-1,333.3	469.7	303.1	166.60	2.819					
10,600.0	7,300.0	10,709.1	7,366.5	87.6	86.3	98.13	1,047.1	-1,433.3	469.6	298.0	171.62	2.736					
10,700.0	7,300.5	10,809.1	7,366.6	90.1	88.9	98.09	1,046.0	-1,533.3	469.6	292.9	176.68	2.658					
10,800.0	7,300.9	10,909.1	7,366.7	92.7	91.4	98.05	1,044.9	-1,633.3	469.5	287.8	181.76	2.583					
10,900.0	7,301.3	11,009.1	7,366.7	95.2	94.0	98.01	1,043.8	-1,733.3	469.5	282.6	186.88	2.512					
11,000.0	7,301.8	11,109.1	7,366.8	97.8	96.6	97.97	1,042.7	-1,833.3	469.4	277.4	192.02	2.445					
11,100.0	7,302.2	11,209.1	7,366.9	100.4	99.2	97.93	1,041.6	-1,933.3	469.4	272.2	197.19	2.380					
11,200.0	7,302.6	11,309.1	7,367.0	103.0	101.8	97.89	1,040.5	-2,033.3	469.4	267.0	202.38	2.319					
11,300.0	7,303.1	11,409.1	7,367.1	105.6	104.4	97.85	1,039.4	-2,133.3	469.3	261.7	207.60	2.261					
11,400.0	7,303.5	11,509.1	7,367.2	108.3	107.0	97.80	1,038.3	-2,233.3	469.3	256.4	212.83	2.205					
11,500.0	7,303.9	11,609.1	7,367.3	110.9	109.6	97.76	1,037.2	-2,333.3	469.2	251.1	218.08	2.152					
11,600.0	7,304.4	11,709.1	7,367.4	113.5	112.3	97.72	1,036.2	-2,433.3	469.2	245.8	223.35	2.101					
11,700.0	7,304.8	11,809.1	7,367.5	116.2	114.9	97.68	1,035.1	-2,533.3	469.1	240.5	228.64	2.052					
11,800.0	7,305.3	11,909.1	7,367.6	118.9	117.6	97.64	1,034.0	-2,633.3	469.1	235.2	233.94	2.005					
11,900.0	7,305.7	12,009.1	7,367.7	121.5	120.3	97.60	1,032.9	-2,733.2	469.0	229.8	239.25	1.960					
12,000.0	7,306.1	12,109.1	7,367.8	124.2	122.9	97.56	1,031.8	-2,833.2	469.0	224.4	244.58	1.918					
12,100.0	7,306.6	12,209.1	7,367.9	126.9	125.6	97.52	1,030.7	-2,933.2	469.0	219.0	249.92	1.876					
12,200.0	7,307.0	12,309.1	7,368.0	129.6	128.3	97.48	1,029.6	-3,033.2	468.9	213.6	255.27	1.837					
12,300.0	7,307.4	12,409.1	7,368.1	132.2	131.0	97.43	1,028.5	-3,133.2	468.9	208.2	260.63	1.799					
12,400.0	7,307.9	12,509.1	7,368.2	134.9	133.7	97.39	1,027.4	-3,233.2	468.8	202.8	266.01	1.762					
12,500.0	7,308.3	12,609.1	7,368.3	137.6	136.4	97.35	1,026.3	-3,333.2	468.8	197.4	271.39	1.727					
12,600.0	7,308.7	12,709.1	7,368.4	140.3	139.1	97.31	1,025.2	-3,433.2	468.8	192.0	276.78	1.694					
12,700.0	7,309.2	12,809.1	7,368.5	143.0	141.8	97.27	1,024.1	-3,533.2	468.7	186.5	282.19	1.661					
12,800.0	7,309.6	12,909.1	7,368.6	145.8	144.5	97.23	1,023.0	-3,633.2	468.7	181.1	287.60	1.630					
12,900.0	7,310.1	13,009.1	7,368.7	148.5	147.2	97.19	1,021.9	-3,733.2	468.6	175.6	293.01	1.599					
13,000.0	7,310.5	13,109.1	7,368.8	151.2	150.0	97.15	1,020.8	-3,833.2	468.6	170.1	298.44	1.570					
13,100.0	7,310.9	13,209.1	7,368.9	153.9	152.7	97.11	1,019.7	-3,933.2	468.5	164.7	303.87	1.542					
13,200.0	7,311.4	13,309.1	7,369.0	156.6	155.4	97.06	1,018.7	-4,033.2	468.5	159.2	309.31	1.515					
13,300.0	7,311.8	13,409.1	7,369.1	159.4	158.1	97.02	1,017.6	-4,133.2	468.5	153.7	314.76	1.488 Level 3					
13,400.0	7,312.2	13,509.1	7,369.2	162.1	160.9	96.98	1,016.5	-4,233.1	468.4	148.2	320.21	1.463 Level 3					
13,500.0	7,312.7	13,609.1	7,369.3	164.8	163.6	96.94	1,015.4	-4,333.1	468.4	142.7	325.67	1.438 Level 3					
13,600.0	7,313.1	13,709.1	7,369.4	167.6	166.3	96.90	1,014.3	-4,433.1	468.3	137.2	331.13	1.414 Level 3					
13,700.0	7,313.5	13,809.1	7,369.5	170.3	169.1	96.86	1,013.2	-4,533.1	468.3	131.7	336.60	1.391 Level 3					

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.0	7,314.0	13,909.1	7,369.6	173.0	171.8	96.82	1,012.1	-4,633.1	468.3	126.2	342.08	1.369	Level 3	
13,900.0	7,314.4	14,009.1	7,369.7	175.8	174.6	96.78	1,011.0	-4,733.1	468.2	120.7	347.56	1.347	Level 3	
14,000.0	7,314.8	14,109.1	7,369.8	178.5	177.3	96.74	1,009.9	-4,833.1	468.2	115.1	353.04	1.326	Level 3	
14,100.0	7,315.3	14,209.1	7,369.9	181.3	180.1	96.69	1,008.8	-4,933.1	468.2	109.6	358.53	1.306	Level 3	
14,200.0	7,315.7	14,309.1	7,370.0	184.0	182.8	96.65	1,007.7	-5,033.1	468.1	104.1	364.03	1.286	Level 3	
14,300.0	7,316.2	14,409.1	7,370.0	186.8	185.6	96.61	1,006.6	-5,133.1	468.1	98.6	369.52	1.267	Level 3	
14,400.0	7,316.6	14,509.1	7,370.1	189.5	188.3	96.57	1,005.5	-5,233.1	468.0	93.0	375.03	1.248	Level 2	
14,500.0	7,317.0	14,609.1	7,370.2	192.3	191.1	96.53	1,004.4	-5,333.1	468.0	87.5	380.53	1.230	Level 2	
14,600.0	7,317.5	14,709.1	7,370.3	195.0	193.8	96.49	1,003.3	-5,433.1	468.0	81.9	386.04	1.212	Level 2	
14,700.0	7,317.9	14,809.1	7,370.4	197.8	196.6	96.45	1,002.2	-5,533.1	467.9	76.4	391.56	1.195	Level 2	
14,800.0	7,318.3	14,909.1	7,370.5	200.6	199.3	96.41	1,001.1	-5,633.1	467.9	70.8	397.07	1.178	Level 2	
14,900.0	7,318.8	15,009.1	7,370.6	203.3	202.1	96.36	1,000.1	-5,733.1	467.9	65.3	402.59	1.162	Level 2	
15,000.0	7,319.2	15,109.1	7,370.7	206.1	204.9	96.32	999.0	-5,833.0	467.8	59.7	408.12	1.146	Level 2	
15,100.0	7,319.6	15,209.1	7,370.8	208.8	207.6	96.28	997.9	-5,933.0	467.8	54.1	413.65	1.131	Level 2	
15,200.0	7,320.1	15,309.1	7,370.9	211.6	210.4	96.24	996.8	-6,033.0	467.7	48.6	419.18	1.116	Level 2	
15,300.0	7,320.5	15,409.1	7,371.0	214.4	213.1	96.20	995.7	-6,133.0	467.7	43.0	424.71	1.101	Level 2	
15,400.0	7,321.0	15,509.1	7,371.1	217.1	215.9	96.16	994.6	-6,233.0	467.7	37.4	430.24	1.087	Level 2	
15,500.0	7,321.4	15,609.1	7,371.2	219.9	218.7	96.12	993.5	-6,333.0	467.6	31.9	435.78	1.073	Level 2	
15,600.0	7,321.8	15,709.1	7,371.3	222.7	221.5	96.07	992.4	-6,433.0	467.6	26.3	441.33	1.060	Level 2	
15,700.0	7,322.3	15,809.1	7,371.4	225.4	224.2	96.03	991.3	-6,533.0	467.6	20.7	446.87	1.046	Level 2	
15,800.0	7,322.7	15,909.1	7,371.5	228.2	227.0	95.99	990.2	-6,633.0	467.5	15.1	452.42	1.033	Level 2	
15,900.0	7,323.1	16,009.1	7,371.6	231.0	229.8	95.95	989.1	-6,733.0	467.5	9.5	457.96	1.021	Level 2	
16,000.0	7,323.6	16,109.1	7,371.7	233.8	232.5	95.91	988.0	-6,833.0	467.5	4.0	463.52	1.009	Level 2	
16,100.0	7,324.0	16,209.1	7,371.8	236.5	235.3	95.87	986.9	-6,933.0	467.4	-1.6	469.07	0.997	Level 1	
16,200.0	7,324.4	16,309.1	7,371.9	239.3	238.1	95.83	985.8	-7,033.0	467.4	-7.2	474.63	0.985	Level 1	
16,300.0	7,324.9	16,409.1	7,372.0	242.1	240.9	95.79	984.7	-7,133.0	467.4	-12.8	480.18	0.973	Level 1	
16,400.0	7,325.3	16,509.1	7,372.1	244.9	243.6	95.74	983.6	-7,233.0	467.3	-18.4	485.74	0.962	Level 1	
16,500.0	7,325.7	16,609.1	7,372.2	247.6	246.4	95.70	982.5	-7,332.9	467.3	-24.0	491.31	0.951	Level 1	
16,600.0	7,326.2	16,709.1	7,372.3	250.4	249.2	95.66	981.5	-7,432.9	467.3	-29.6	496.87	0.940	Level 1	
16,700.0	7,326.6	16,809.1	7,372.4	253.2	252.0	95.62	980.4	-7,532.9	467.2	-35.2	502.44	0.930	Level 1	
16,800.0	7,327.1	16,909.1	7,372.5	256.0	254.7	95.58	979.3	-7,632.9	467.2	-40.8	508.01	0.920	Level 1	
16,900.0	7,327.5	17,009.1	7,372.6	258.7	257.5	95.54	978.2	-7,732.9	467.2	-46.4	513.58	0.910	Level 1	
17,000.0	7,327.9	17,109.1	7,372.7	261.5	260.3	95.50	977.1	-7,832.9	467.1	-52.0	519.15	0.900	Level 1	
17,100.0	7,328.4	17,209.1	7,372.8	264.3	263.1	95.45	976.0	-7,932.9	467.1	-57.6	524.72	0.890	Level 1	
17,200.0	7,328.8	17,309.1	7,372.9	267.1	265.9	95.41	974.9	-8,032.9	467.1	-63.2	530.30	0.881	Level 1	
17,300.0	7,329.2	17,409.1	7,373.0	269.9	268.7	95.37	973.8	-8,132.9	467.1	-68.8	535.87	0.872	Level 1	
17,400.0	7,329.7	17,509.1	7,373.1	272.6	271.4	95.33	972.7	-8,232.9	467.0	-74.4	541.45	0.863	Level 1	
17,500.0	7,330.1	17,609.1	7,373.2	275.4	274.2	95.29	971.6	-8,332.9	467.0	-80.0	547.03	0.854	Level 1	
17,600.0	7,330.5	17,709.1	7,373.3	278.2	277.0	95.25	970.5	-8,432.9	467.0	-85.6	552.61	0.845	Level 1	
17,700.0	7,331.0	17,809.1	7,373.3	281.0	279.8	95.21	969.4	-8,532.9	466.9	-91.3	558.19	0.837	Level 1	
17,800.0	7,331.4	17,909.1	7,373.4	283.8	282.6	95.16	968.3	-8,632.9	466.9	-96.9	563.78	0.828	Level 1	
17,900.0	7,331.9	18,009.1	7,373.5	286.6	285.4	95.12	967.2	-8,732.9	466.9	-102.5	569.36	0.820	Level 1	
18,000.0	7,332.3	18,109.1	7,373.6	289.3	288.1	95.08	966.1	-8,832.8	466.8	-108.1	574.95	0.812	Level 1	
18,100.0	7,332.7	18,209.1	7,373.7	292.1	290.9	95.04	965.0	-8,932.8	466.8	-113.7	580.54	0.804	Level 1	
18,200.0	7,333.2	18,309.1	7,373.8	294.9	293.7	95.00	964.0	-9,032.8	466.8	-119.3	586.13	0.796	Level 1	
18,300.0	7,333.6	18,409.1	7,373.9	297.7	296.5	94.96	962.9	-9,132.8	466.8	-125.0	591.72	0.789	Level 1	
18,357.8	7,333.8	18,466.9	7,374.0	299.3	298.1	94.93	962.2	-9,190.6	466.7	-128.2	594.95	0.785	Level 1	
18,392.8	7,334.0	18,480.0	7,374.0	300.3	298.5	94.93	962.1	-9,203.7	467.3	-129.0	596.29	0.784	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	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	68.089		
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	1.04	15.3	0.3	15.3	14.2	1.12	13.618		
400.0	400.0	400.0	400.0	0.8	0.8	1.04	15.3	0.3	15.3	13.7	1.57	9.727		
500.0	500.0	500.0	500.0	1.0	1.0	1.04	15.3	0.3	15.3	13.3	2.02	7.565		
600.0	600.0	600.0	600.0	1.2	1.2	1.04	15.3	0.3	15.3	12.8	2.47	6.190 CC		
700.0	700.0	699.8	699.8	1.5	1.5	5.20	15.9	1.4	16.0	13.0	2.91	5.473		
800.0	800.0	799.4	799.4	1.7	1.7	15.65	17.6	4.9	18.3	15.0	3.35	5.462		
900.0	900.0	898.9	898.6	1.9	1.9	-45.82	20.5	10.7	22.3	18.5	3.79	5.870		
1,000.0	999.9	998.3	997.5	2.1	2.1	-39.78	24.6	18.8	26.9	22.6	4.23	6.347		
1,100.0	1,099.7	1,097.5	1,096.1	2.3	2.4	-36.08	29.7	29.2	31.8	27.1	4.68	6.798		
1,200.0	1,199.3	1,196.5	1,194.1	2.6	2.7	-33.85	36.0	41.9	37.0	31.9	5.14	7.201		
1,300.0	1,298.6	1,295.4	1,291.6	2.8	3.0	-32.60	43.5	56.8	42.4	36.8	5.62	7.548		
1,400.0	1,397.5	1,394.2	1,388.5	3.1	3.3	-32.00	52.0	73.9	48.0	41.9	6.12	7.839		
1,500.0	1,496.1	1,492.9	1,484.8	3.4	3.7	-31.85	61.6	93.3	53.7	47.0	6.65	8.074		
1,600.0	1,594.2	1,591.4	1,580.3	3.8	4.2	-32.03	72.4	114.8	59.5	52.3	7.20	8.256		
1,700.0	1,691.7	1,689.7	1,675.0	4.1	4.7	-32.44	84.2	138.5	65.4	57.6	7.80	8.386		
1,800.0	1,788.6	1,788.0	1,768.9	4.6	5.2	-33.02	97.0	164.3	71.5	63.0	8.45	8.464		
1,900.0	1,884.9	1,886.0	1,861.9	5.1	5.8	-33.73	111.0	192.2	77.7	68.5	9.15	8.493		
2,000.0	1,980.4	1,984.0	1,953.9	5.6	6.4	-34.53	125.9	222.2	84.0	74.1	9.91	8.478		
2,100.0	2,075.0	2,081.8	2,044.9	6.2	7.1	-35.41	141.9	254.3	90.5	79.7	10.75	8.420		
2,200.0	2,168.9	2,179.5	2,134.8	6.8	7.8	-36.33	158.9	288.4	97.1	85.4	11.66	8.326		
2,300.0	2,261.7	2,277.0	2,223.6	7.5	8.6	-37.30	176.9	324.5	103.9	91.2	12.67	8.201		
2,400.0	2,353.6	2,376.8	2,314.0	8.3	9.4	-38.67	195.8	362.4	109.7	95.9	13.81	7.941		
2,461.3	2,409.4	2,438.0	2,369.4	8.8	9.9	-39.86	207.4	385.7	112.3	97.7	14.61	7.689		
2,500.0	2,444.5	2,476.6	2,404.3	9.1	10.3	-40.70	214.7	400.4	113.7	98.6	15.15	7.509		
2,600.0	2,535.2	2,576.5	2,494.7	9.9	11.1	-42.78	233.7	438.4	117.6	101.0	16.60	7.083		
2,700.0	2,625.9	2,676.3	2,585.1	10.7	12.0	-44.73	252.6	476.3	121.5	103.4	18.11	6.710		
2,800.0	2,716.6	2,776.1	2,675.5	11.6	12.8	-46.56	271.5	514.3	125.6	105.9	19.68	6.383		
2,900.0	2,807.3	2,876.0	2,765.9	12.5	13.7	-48.26	290.4	552.3	129.8	108.5	21.29	6.098		
3,000.0	2,898.0	2,975.8	2,856.2	13.3	14.6	-49.86	309.4	590.2	134.2	111.2	22.94	5.848		
3,100.0	2,988.7	3,075.7	2,946.6	14.2	15.5	-51.36	328.3	628.2	138.6	114.0	24.62	5.628		
3,200.0	3,079.3	3,175.5	3,037.0	15.1	16.3	-52.76	347.2	666.2	143.1	116.8	26.33	5.434		
3,300.0	3,170.0	3,275.3	3,127.4	15.9	17.2	-54.08	366.1	704.2	147.7	119.6	28.06	5.263		
3,400.0	3,260.7	3,375.2	3,217.7	16.8	18.1	-55.32	385.1	742.1	152.3	122.5	29.81	5.111		
3,500.0	3,351.4	3,475.0	3,308.1	17.7	19.0	-56.48	404.0	780.1	157.1	125.5	31.57	4.975		
3,600.0	3,442.1	3,574.9	3,398.5	18.6	19.9	-57.58	422.9	818.1	161.9	128.5	33.34	4.854		
3,700.0	3,532.8	3,674.7	3,488.9	19.4	20.7	-58.61	441.8	856.0	166.7	131.6	35.13	4.746		
3,800.0	3,623.5	3,774.5	3,579.3	20.3	21.6	-59.58	460.8	894.0	171.6	134.7	36.92	4.648		
3,900.0	3,714.2	3,874.4	3,669.6	21.2	22.5	-60.50	479.7	932.0	176.5	137.8	38.72	4.560		
4,000.0	3,804.9	3,974.2	3,760.0	22.1	23.4	-61.37	498.6	969.9	181.5	141.0	40.52	4.480		
4,100.0	3,895.6	4,074.0	3,850.4	23.0	24.3	-62.19	517.5	1,007.9	186.6	144.2	42.33	4.407		
4,200.0	3,986.2	4,173.9	3,940.8	23.9	25.2	-62.97	536.4	1,045.9	191.6	147.5	44.15	4.341		
4,300.0	4,076.9	4,273.7	4,031.1	24.8	26.1	-63.71	555.4	1,083.8	196.7	150.8	45.96	4.280		
4,400.0	4,167.6	4,373.6	4,121.5	25.7	26.9	-64.41	574.3	1,121.8	201.8	154.1	47.78	4.225		
4,500.0	4,258.3	4,473.4	4,211.9	26.6	27.8	-65.08	593.2	1,159.8	207.0	157.4	49.60	4.174		
4,600.0	4,349.0	4,573.2	4,302.3	27.4	28.7	-65.71	612.1	1,197.7	212.2	160.8	51.42	4.126		
4,700.0	4,439.7	4,673.1	4,392.7	28.3	29.6	-66.32	631.1	1,235.7	217.4	164.2	53.24	4.083		
4,800.0	4,530.4	4,772.9	4,483.0	29.2	30.5	-66.89	650.0	1,273.7	222.6	167.6	55.07	4.043		
4,900.0	4,621.1	4,872.8	4,573.4	30.1	31.4	-67.44	668.9	1,311.6	227.9	171.0	56.89	4.006		
5,000.0	4,711.8	4,972.6	4,663.8	31.0	32.3	-67.96	687.8	1,349.6	233.1	174.4	58.71	3.971		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWID													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,802.4	5,072.4	4,754.2	31.9	33.2	-68.47	706.8	1,387.6	238.4	177.9	60.54	3.939		
5,200.0	4,893.1	5,172.3	4,844.5	32.8	34.1	-68.94	725.7	1,425.5	243.7	181.4	62.36	3.909		
5,300.0	4,983.8	5,272.1	4,934.9	33.7	34.9	-69.40	744.6	1,463.5	249.1	184.9	64.18	3.881		
5,400.0	5,074.5	5,371.9	5,025.3	34.6	35.8	-69.84	763.5	1,501.5	254.4	188.4	66.01	3.854		
5,500.0	5,165.2	5,471.8	5,115.7	35.5	36.7	-70.26	782.5	1,539.4	259.8	191.9	67.83	3.830		
5,530.6	5,192.9	5,502.3	5,143.3	35.8	37.0	-70.39	788.2	1,551.0	261.4	193.0	68.39	3.822		
5,600.0	5,256.2	5,572.7	5,207.1	36.3	37.6	-70.60	801.5	1,577.7	265.4	195.8	69.52	3.817		
5,700.0	5,348.6	5,676.9	5,302.6	37.0	38.3	-70.78	820.1	1,615.0	270.9	200.0	70.86	3.823		
5,800.0	5,442.3	5,781.2	5,399.6	37.6	39.0	-70.95	837.2	1,649.2	275.9	203.9	72.06	3.829		
5,900.0	5,537.1	5,885.6	5,498.1	38.1	39.6	-71.10	852.6	1,680.2	280.5	207.4	73.16	3.835		
6,000.0	5,632.9	5,990.0	5,597.8	38.6	40.1	-71.23	866.5	1,708.0	284.7	210.5	74.14	3.840		
6,100.0	5,729.7	6,094.6	5,698.7	39.0	40.6	-71.34	878.7	1,732.6	288.3	213.3	75.01	3.843		
6,200.0	5,827.3	6,199.2	5,800.5	39.4	41.0	-71.44	889.3	1,753.8	291.4	215.7	75.77	3.846		
6,300.0	5,925.6	6,303.8	5,903.3	39.7	41.3	-71.52	898.2	1,771.7	294.1	217.7	76.41	3.849		
6,400.0	6,024.5	6,408.5	6,006.7	40.0	41.6	-71.58	905.5	1,786.3	296.2	219.3	76.95	3.850		
6,500.0	6,123.9	6,513.3	6,110.7	40.2	41.9	-71.63	911.1	1,797.5	297.9	220.5	77.38	3.849		
6,600.0	6,223.6	6,618.1	6,215.1	40.4	42.0	-71.66	914.9	1,805.2	299.0	221.3	77.71	3.848		
6,700.0	6,323.5	6,722.9	6,319.8	40.5	42.2	-71.68	917.1	1,809.6	299.7	221.7	77.94	3.845		
6,776.5	6,400.0	6,803.1	6,400.0	40.6	42.2	-0.50	917.6	1,810.6	299.8	253.0	46.86	6.398		
6,800.0	6,423.5	6,826.5	6,423.5	40.6	42.3	-0.50	917.6	1,810.6	299.8	252.9	46.92	6.390		
6,900.0	6,523.5	6,926.6	6,523.5	40.7	42.3	-0.63	917.6	1,809.9	299.8	252.8	47.06	6.371		
6,900.8	6,524.3	6,927.4	6,524.3	40.7	42.3	-0.63	917.6	1,809.9	299.8	252.8	47.06	6.372		
6,949.6	6,573.1	6,975.9	6,572.6	40.7	42.3	-1.35	917.6	1,806.1	299.8	253.2	46.66	6.426		
7,000.0	6,623.4	7,025.5	6,621.7	40.7	42.3	88.22	917.5	1,798.9	300.0	221.0	78.98	3.798		
7,050.0	6,673.1	7,074.4	6,669.5	40.7	42.2	87.19	917.4	1,788.5	300.2	220.9	79.26	3.787		
7,100.0	6,722.3	7,122.9	6,716.0	40.6	42.1	86.17	917.2	1,774.9	300.5	221.1	79.44	3.783		
7,150.0	6,770.8	7,171.1	6,761.3	40.6	42.0	85.17	917.0	1,758.4	300.9	221.4	79.53	3.783		
7,200.0	6,818.4	7,219.0	6,805.0	40.4	41.8	84.20	916.8	1,739.0	301.4	221.8	79.53	3.790		
7,250.0	6,864.7	7,266.5	6,847.1	40.3	41.7	83.27	916.6	1,716.9	301.9	222.5	79.43	3.801		
7,300.0	6,909.6	7,313.8	6,887.4	40.2	41.5	82.37	916.3	1,692.2	302.5	223.3	79.26	3.817		
7,350.0	6,952.9	7,360.8	6,925.7	40.0	41.4	81.51	916.0	1,665.0	303.2	224.1	79.02	3.836		
7,400.0	6,994.3	7,407.5	6,962.0	39.8	41.2	80.69	915.7	1,635.6	303.8	225.1	78.72	3.860		
7,450.0	7,033.7	7,454.0	6,996.1	39.7	41.1	79.92	915.3	1,604.0	304.5	226.2	78.37	3.886		
7,500.0	7,070.8	7,500.0	7,027.8	39.5	40.9	79.21	915.0	1,570.7	305.3	227.3	77.99	3.914		
7,550.0	7,105.5	7,546.3	7,057.5	39.4	40.8	78.54	914.6	1,535.1	306.0	228.4	77.59	3.943		
7,600.0	7,137.6	7,592.2	7,084.5	39.3	40.7	77.92	914.2	1,498.0	306.6	229.5	77.18	3.973		
7,650.0	7,167.0	7,637.9	7,109.0	39.2	40.6	77.37	913.7	1,459.5	307.3	230.5	76.78	4.002		
7,700.0	7,193.4	7,683.5	7,131.0	39.1	40.5	76.87	913.3	1,419.6	307.9	231.5	76.41	4.030		
7,750.0	7,216.8	7,728.9	7,150.3	39.1	40.5	76.43	912.8	1,378.5	308.5	232.4	76.08	4.054		
7,800.0	7,237.1	7,774.2	7,167.0	39.1	40.5	76.05	912.4	1,336.4	309.0	233.2	75.80	4.076		
7,850.0	7,254.2	7,819.4	7,180.9	39.2	40.5	75.73	911.9	1,293.4	309.4	233.8	75.59	4.093		
7,900.0	7,267.9	7,864.5	7,192.0	39.3	40.5	75.47	911.4	1,249.6	309.7	234.3	75.46	4.105		
7,950.0	7,278.3	7,909.6	7,200.4	39.4	40.5	75.27	910.9	1,205.4	310.0	234.6	75.40	4.112		
8,000.0	7,285.2	7,954.6	7,206.0	39.5	40.6	75.14	910.4	1,160.7	310.2	234.8	75.44	4.112		
8,050.0	7,288.6	8,000.0	7,208.7	39.7	40.7	75.07	909.9	1,115.4	310.3	234.7	75.56	4.107		
8,050.1	7,288.6	8,000.0	7,208.7	39.7	40.7	75.07	909.9	1,115.4	310.3	234.7	75.56	4.107		
8,071.1	7,289.0	8,018.7	7,209.0	39.8	40.8	75.06	909.7	1,096.7	310.3	234.7	75.64	4.103		
8,071.2	7,289.0	8,018.8	7,209.0	39.8	40.8	75.06	909.7	1,096.6	310.3	234.7	75.64	4.103		
8,072.5	7,289.0	8,020.1	7,209.0	39.8	40.8	75.06	909.7	1,095.3	310.3	234.7	75.65	4.102		
8,100.0	7,289.1	8,047.6	7,209.2	40.0	40.9	75.07	909.4	1,067.8	310.3	234.3	76.00	4.083		
8,200.0	7,289.6	8,147.6	7,209.8	40.6	41.3	75.10	908.3	967.8	310.3	232.8	77.43	4.007		
8,300.0	7,290.0	8,247.6	7,210.3	41.4	41.9	75.12	907.2	867.8	310.2	231.0	79.20	3.917		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design				G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-17)										Offset Site Error:		0.0 ft
Survey Program: 0-MWD														Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
8,400.0	7,290.4	8,347.6	7,210.9	42.3	42.7	75.15	906.1	767.8	310.2	228.9	81.30	3.815				
8,500.0	7,290.9	8,447.6	7,211.5	43.4	43.7	75.17	905.0	667.8	310.2	226.5	83.71	3.705				
8,600.0	7,291.3	8,547.6	7,212.1	44.7	44.8	75.20	903.9	567.8	310.1	223.7	86.39	3.590				
8,700.0	7,291.7	8,647.6	7,212.7	46.1	46.1	75.23	902.8	467.8	310.1	220.8	89.33	3.472				
8,800.0	7,292.2	8,747.6	7,213.3	47.7	47.5	75.25	901.8	367.8	310.1	217.6	92.49	3.352				
8,900.0	7,292.6	8,847.6	7,213.8	49.4	49.1	75.28	900.7	267.8	310.0	214.2	95.86	3.234				
9,000.0	7,293.0	8,947.6	7,214.4	51.1	50.8	75.31	899.6	167.8	310.0	210.6	99.42	3.118				
9,100.0	7,293.5	9,047.6	7,215.0	53.0	52.6	75.33	898.5	67.8	310.0	206.8	103.14	3.005				
9,200.0	7,293.9	9,147.6	7,215.6	55.0	54.5	75.36	897.4	-32.1	309.9	202.9	107.02	2.896				
9,300.0	7,294.4	9,247.6	7,216.2	57.0	56.5	75.38	896.3	-132.1	309.9	198.9	111.02	2.791				
9,400.0	7,294.8	9,347.6	7,216.7	59.1	58.6	75.41	895.2	-232.1	309.9	194.7	115.15	2.691				
9,500.0	7,295.2	9,447.6	7,217.3	61.3	60.7	75.44	894.1	-332.1	309.8	190.4	119.39	2.595				
9,600.0	7,295.7	9,547.6	7,217.9	63.5	62.9	75.46	893.0	-432.1	309.8	186.1	123.72	2.504				
9,700.0	7,296.1	9,647.6	7,218.5	65.7	65.1	75.49	891.9	-532.1	309.8	181.6	128.14	2.417				
9,800.0	7,296.5	9,747.6	7,219.1	68.0	67.4	75.52	890.8	-632.1	309.7	177.1	132.64	2.335				
9,900.0	7,297.0	9,847.6	7,219.7	70.4	69.7	75.54	889.7	-732.1	309.7	172.5	137.21	2.257				
10,000.0	7,297.4	9,947.6	7,220.2	72.8	72.1	75.57	888.6	-832.1	309.6	167.8	141.85	2.183				
10,100.0	7,297.8	10,047.6	7,220.8	75.2	74.5	75.59	887.5	-932.1	309.6	163.1	146.54	2.113				
10,200.0	7,298.3	10,147.6	7,221.4	77.6	76.9	75.62	886.5	-1,032.1	309.6	158.3	151.29	2.046				
10,300.0	7,298.7	10,247.6	7,222.0	80.1	79.4	75.65	885.4	-1,132.1	309.5	153.5	156.08	1.983				
10,400.0	7,299.2	10,347.6	7,222.6	82.5	81.9	75.67	884.3	-1,232.1	309.5	148.6	160.92	1.923				
10,500.0	7,299.6	10,447.6	7,223.1	85.0	84.4	75.70	883.2	-1,332.0	309.5	143.7	165.80	1.867				
10,600.0	7,300.0	10,547.6	7,223.7	87.6	86.9	75.73	882.1	-1,432.0	309.4	138.7	170.72	1.813				
10,700.0	7,300.5	10,647.6	7,224.3	90.1	89.4	75.75	881.0	-1,532.0	309.4	133.7	175.67	1.761				
10,800.0	7,300.9	10,747.6	7,224.9	92.7	92.0	75.78	879.9	-1,632.0	309.4	128.7	180.65	1.713				
10,900.0	7,301.3	10,847.6	7,225.5	95.2	94.6	75.80	878.8	-1,732.0	309.3	123.7	185.66	1.666				
11,000.0	7,301.8	10,947.6	7,226.1	97.8	97.1	75.83	877.7	-1,832.0	309.3	118.6	190.70	1.622				
11,100.0	7,302.2	11,047.6	7,226.6	100.4	99.7	75.86	876.6	-1,932.0	309.3	113.5	195.76	1.580				
11,200.0	7,302.6	11,147.6	7,227.2	103.0	102.3	75.88	875.5	-2,032.0	309.2	108.4	200.84	1.540				
11,300.0	7,303.1	11,247.6	7,227.8	105.6	105.0	75.91	874.4	-2,132.0	309.2	103.3	205.95	1.501				
11,400.0	7,303.5	11,347.6	7,228.4	108.3	107.6	75.94	873.3	-2,232.0	309.2	98.1	211.08	1.465	Level 3			
11,500.0	7,303.9	11,447.6	7,229.0	110.9	110.2	75.96	872.2	-2,332.0	309.1	92.9	216.22	1.430	Level 3			
11,600.0	7,304.4	11,547.6	7,229.5	113.5	112.9	75.99	871.1	-2,432.0	309.1	87.7	221.38	1.396	Level 3			
11,700.0	7,304.8	11,647.6	7,230.1	116.2	115.5	76.02	870.1	-2,531.9	309.1	82.5	226.56	1.364	Level 3			
11,800.0	7,305.3	11,747.6	7,230.7	118.9	118.2	76.04	869.0	-2,631.9	309.0	77.3	231.76	1.333	Level 3			
11,900.0	7,305.7	11,847.6	7,231.3	121.5	120.9	76.07	867.9	-2,731.9	309.0	72.0	236.96	1.304	Level 3			
12,000.0	7,306.1	11,947.6	7,231.9	124.2	123.5	76.09	866.8	-2,831.9	309.0	66.8	242.19	1.276	Level 3			
12,100.0	7,306.6	12,047.6	7,232.5	126.9	126.2	76.12	865.7	-2,931.9	308.9	61.5	247.42	1.249	Level 2			
12,200.0	7,307.0	12,147.6	7,233.0	129.6	128.9	76.15	864.6	-3,031.9	308.9	56.2	252.67	1.223	Level 2			
12,300.0	7,307.4	12,247.6	7,233.6	132.2	131.6	76.17	863.5	-3,131.9	308.9	51.0	257.92	1.198	Level 2			
12,400.0	7,307.9	12,347.6	7,234.2	134.9	134.3	76.20	862.4	-3,231.9	308.8	45.7	263.19	1.173	Level 2			
12,500.0	7,308.3	12,447.6	7,234.8	137.6	137.0	76.23	861.3	-3,331.9	308.8	40.3	268.47	1.150	Level 2			
12,600.0	7,308.7	12,547.6	7,235.4	140.3	139.7	76.25	860.2	-3,431.9	308.8	35.0	273.76	1.128	Level 2			
12,700.0	7,309.2	12,647.6	7,236.0	143.0	142.4	76.28	859.1	-3,531.9	308.7	29.7	279.06	1.106	Level 2			
12,800.0	7,309.6	12,747.6	7,236.5	145.8	145.1	76.31	858.0	-3,631.9	308.7	24.4	284.36	1.086	Level 2			
12,900.0	7,310.1	12,847.6	7,237.1	148.5	147.8	76.33	856.9	-3,731.9	308.7	19.0	289.68	1.066	Level 2			
13,000.0	7,310.5	12,947.6	7,237.7	151.2	150.5	76.36	855.8	-3,831.8	308.6	13.7	295.00	1.046	Level 2			
13,100.0	7,310.9	13,047.6	7,238.3	153.9	153.3	76.39	854.7	-3,931.8	308.6	8.3	300.33	1.028	Level 2			
13,200.0	7,311.4	13,147.6	7,238.9	156.6	156.0	76.41	853.7	-4,031.8	308.6	2.9	305.66	1.010	Level 2			
13,300.0	7,311.8	13,247.6	7,239.4	159.4	158.7	76.44	852.6	-4,131.8	308.6	-2.5	311.01	0.992	Level 1			
13,400.0	7,312.2	13,347.6	7,240.0	162.1	161.4	76.46	851.5	-4,231.8	308.5	-7.8	316.36	0.975	Level 1			
13,500.0	7,312.7	13,447.6	7,240.6	164.8	164.2	76.49	850.4	-4,331.8	308.5	-13.2	321.71	0.959	Level 1			

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
13,600.0	7,313.1	13,547.6	7,241.2	167.6	166.9	76.52	849.3	-4,431.8	308.5	-18.6	327.08	0.943	Level 1	
13,700.0	7,313.5	13,647.6	7,241.8	170.3	169.7	76.54	848.2	-4,531.8	308.4	-24.0	332.44	0.928	Level 1	
13,800.0	7,314.0	13,747.6	7,242.4	173.0	172.4	76.57	847.1	-4,631.8	308.4	-29.4	337.82	0.913	Level 1	
13,900.0	7,314.4	13,847.6	7,242.9	175.8	175.1	76.60	846.0	-4,731.8	308.4	-34.8	343.20	0.898	Level 1	
14,000.0	7,314.8	13,947.6	7,243.5	178.5	177.9	76.62	844.9	-4,831.8	308.3	-40.3	348.58	0.885	Level 1	
14,100.0	7,315.3	14,047.6	7,244.1	181.3	180.6	76.65	843.8	-4,931.8	308.3	-45.7	353.97	0.871	Level 1	
14,200.0	7,315.7	14,147.6	7,244.7	184.0	183.4	76.68	842.7	-5,031.8	308.3	-51.1	359.36	0.858	Level 1	
14,300.0	7,316.2	14,247.6	7,245.3	186.8	186.1	76.70	841.6	-5,131.7	308.2	-56.5	364.76	0.845	Level 1	
14,400.0	7,316.6	14,347.6	7,245.8	189.5	188.9	76.73	840.5	-5,231.7	308.2	-62.0	370.16	0.833	Level 1	
14,500.0	7,317.0	14,447.6	7,246.4	192.3	191.6	76.76	839.4	-5,331.7	308.2	-67.4	375.57	0.821	Level 1	
14,600.0	7,317.5	14,547.6	7,247.0	195.0	194.4	76.78	838.4	-5,431.7	308.1	-72.8	380.98	0.809	Level 1	
14,700.0	7,317.9	14,647.6	7,247.6	197.8	197.2	76.81	837.3	-5,531.7	308.1	-78.3	386.40	0.797	Level 1	
14,800.0	7,318.3	14,747.6	7,248.2	200.6	199.9	76.84	836.2	-5,631.7	308.1	-83.7	391.82	0.786	Level 1	
14,900.0	7,318.8	14,847.6	7,248.8	203.3	202.7	76.86	835.1	-5,731.7	308.0	-89.2	397.24	0.775	Level 1	
15,000.0	7,319.2	14,947.6	7,249.3	206.1	205.4	76.89	834.0	-5,831.7	308.0	-94.7	402.67	0.765	Level 1	
15,100.0	7,319.6	15,047.6	7,249.9	208.8	208.2	76.92	832.9	-5,931.7	308.0	-100.1	408.10	0.755	Level 1	
15,200.0	7,320.1	15,147.6	7,250.5	211.6	211.0	76.94	831.8	-6,031.7	308.0	-105.6	413.53	0.745	Level 1	
15,300.0	7,320.5	15,247.6	7,251.1	214.4	213.7	76.97	830.7	-6,131.7	307.9	-111.0	418.97	0.735	Level 1	
15,400.0	7,321.0	15,347.6	7,251.7	217.1	216.5	77.00	829.6	-6,231.7	307.9	-116.5	424.41	0.725	Level 1	
15,500.0	7,321.4	15,447.6	7,252.2	219.9	219.3	77.02	828.5	-6,331.7	307.9	-122.0	429.85	0.716	Level 1	
15,600.0	7,321.8	15,547.6	7,252.8	222.7	222.0	77.05	827.4	-6,431.6	307.8	-127.5	435.30	0.707	Level 1	
15,700.0	7,322.3	15,647.6	7,253.4	225.4	224.8	77.07	826.3	-6,531.6	307.8	-132.9	440.75	0.698	Level 1	
15,800.0	7,322.7	15,747.6	7,254.0	228.2	227.6	77.10	825.2	-6,631.6	307.8	-138.4	446.20	0.690	Level 1	
15,900.0	7,323.1	15,847.6	7,254.6	231.0	230.4	77.13	824.1	-6,731.6	307.7	-143.9	451.65	0.681	Level 1	
16,000.0	7,323.6	15,947.6	7,255.2	233.8	233.1	77.15	823.0	-6,831.6	307.7	-149.4	457.11	0.673	Level 1	
16,100.0	7,324.0	16,047.6	7,255.7	236.5	235.9	77.18	822.0	-6,931.6	307.7	-154.9	462.57	0.665	Level 1	
16,200.0	7,324.4	16,147.6	7,256.3	239.3	238.7	77.21	820.9	-7,031.6	307.6	-160.4	468.04	0.657	Level 1	
16,300.0	7,324.9	16,247.6	7,256.9	242.1	241.4	77.23	819.8	-7,131.6	307.6	-165.9	473.50	0.650	Level 1	
16,400.0	7,325.3	16,347.6	7,257.5	244.9	244.2	77.26	818.7	-7,231.6	307.6	-171.4	478.97	0.642	Level 1	
16,500.0	7,325.7	16,447.6	7,258.1	247.6	247.0	77.29	817.6	-7,331.6	307.6	-176.9	484.44	0.635	Level 1	
16,600.0	7,326.2	16,547.6	7,258.7	250.4	249.8	77.31	816.5	-7,431.6	307.5	-182.4	489.92	0.628	Level 1	
16,700.0	7,326.6	16,647.6	7,259.2	253.2	252.6	77.34	815.4	-7,531.6	307.5	-187.9	495.39	0.621	Level 1	
16,800.0	7,327.1	16,747.6	7,259.8	256.0	255.3	77.37	814.3	-7,631.6	307.5	-193.4	500.87	0.614	Level 1	
16,900.0	7,327.5	16,847.6	7,260.4	258.7	258.1	77.39	813.2	-7,731.5	307.4	-198.9	506.35	0.607	Level 1	
17,000.0	7,327.9	16,947.6	7,261.0	261.5	260.9	77.42	812.1	-7,831.5	307.4	-204.4	511.83	0.601	Level 1	
17,100.0	7,328.4	17,047.6	7,261.6	264.3	263.7	77.45	811.0	-7,931.5	307.4	-209.9	517.32	0.594	Level 1	
17,200.0	7,328.8	17,147.6	7,262.1	267.1	266.5	77.47	809.9	-8,031.5	307.3	-215.5	522.81	0.588	Level 1	
17,300.0	7,329.2	17,247.6	7,262.7	269.9	269.2	77.50	808.8	-8,131.5	307.3	-221.0	528.30	0.582	Level 1	
17,400.0	7,329.7	17,347.6	7,263.3	272.6	272.0	77.53	807.7	-8,231.5	307.3	-226.5	533.79	0.576	Level 1	
17,500.0	7,330.1	17,447.6	7,263.9	275.4	274.8	77.55	806.6	-8,331.5	307.3	-232.0	539.28	0.570	Level 1	
17,600.0	7,330.5	17,547.6	7,264.5	278.2	277.6	77.58	805.6	-8,431.5	307.2	-237.5	544.78	0.564	Level 1	
17,700.0	7,331.0	17,647.6	7,265.1	281.0	280.4	77.61	804.5	-8,531.5	307.2	-243.1	550.27	0.558	Level 1	
17,800.0	7,331.4	17,747.6	7,265.6	283.8	283.2	77.63	803.4	-8,631.5	307.2	-248.6	555.77	0.553	Level 1	
17,900.0	7,331.9	17,847.6	7,266.2	286.6	285.9	77.66	802.3	-8,731.5	307.1	-254.1	561.27	0.547	Level 1	
18,000.0	7,332.3	17,947.6	7,266.8	289.3	288.7	77.69	801.2	-8,831.5	307.1	-259.7	566.78	0.542	Level 1	
18,100.0	7,332.7	18,047.6	7,267.4	292.1	291.5	77.71	800.1	-8,931.5	307.1	-265.2	572.28	0.537	Level 1	
18,200.0	7,333.2	18,147.6	7,268.0	294.9	294.3	77.74	799.0	-9,031.4	307.1	-270.7	577.79	0.531	Level 1	
18,300.0	7,333.6	18,247.6	7,268.5	297.7	297.1	77.77	797.9	-9,131.4	307.0	-276.3	583.30	0.526	Level 1	
18,361.5	7,333.9	18,309.1	7,268.9	299.4	298.8	77.78	797.2	-9,193.0	307.0	-279.7	586.69	0.523	Level 1	
18,392.8	7,334.0	18,325.8	7,269.0	300.3	299.3	77.79	797.0	-9,209.6	307.3	-280.7	588.01	0.523	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-14.9	0.0	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-14.9	0.0	14.9	14.7	0.22	66.439		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-14.9	0.0	14.9	14.3	0.67	22.146		
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-14.9	0.0	14.9	13.8	1.12	13.288		
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-14.9	0.0	14.9	13.4	1.57	9.491		
500.0	500.0	500.0	500.0	1.0	1.0	-180.00	-14.9	0.0	14.9	12.9	2.02	7.382		
600.0	600.0	600.1	600.1	1.2	1.2	175.02	-14.6	1.3	14.7	12.2	2.46	5.962		
663.4	663.4	663.5	663.4	1.4	1.4	166.45	-14.1	3.4	14.5	11.8	2.74	5.299 CC		
700.0	700.0	700.0	699.9	1.5	1.4	159.63	-13.7	5.1	14.6	11.7	2.90	5.043		
800.0	800.0	799.7	799.4	1.7	1.7	136.84	-12.2	11.4	16.7	13.4	3.34	4.997		
900.0	900.0	899.0	898.3	1.9	1.9	47.61	-10.1	20.2	21.8	18.0	3.79	5.750		
1,000.0	999.9	998.2	996.8	2.1	2.2	37.39	-7.3	31.5	28.2	24.0	4.22	6.691		
1,100.0	1,099.7	1,097.2	1,094.7	2.3	2.5	31.46	-4.0	45.3	35.4	30.7	4.67	7.580		
1,200.0	1,199.3	1,195.9	1,192.1	2.6	2.8	27.84	-0.1	61.5	42.8	37.7	5.12	8.363		
1,300.0	1,298.6	1,294.5	1,288.8	2.8	3.2	25.55	4.4	80.0	50.5	44.9	5.59	9.031		
1,400.0	1,397.5	1,392.9	1,384.8	3.1	3.6	24.08	9.4	101.0	58.2	52.1	6.07	9.594		
1,500.0	1,496.1	1,491.1	1,480.0	3.4	4.0	23.16	15.0	124.3	66.0	59.4	6.56	10.059		
1,600.0	1,594.2	1,589.0	1,574.4	3.8	4.5	22.60	21.2	149.9	73.8	66.8	7.07	10.440		
1,700.0	1,691.7	1,686.8	1,667.8	4.1	5.0	22.31	27.9	177.8	81.7	74.1	7.61	10.740		
1,800.0	1,788.6	1,784.4	1,760.4	4.6	5.6	22.22	35.2	208.0	89.6	81.4	8.17	10.969		
1,900.0	1,884.9	1,881.8	1,851.9	5.1	6.3	22.26	43.0	240.4	97.5	88.8	8.76	11.131		
2,000.0	1,980.4	1,979.1	1,942.4	5.6	7.0	22.42	51.3	275.0	105.5	96.1	9.39	11.234		
2,100.0	2,075.0	2,078.9	2,034.8	6.2	7.7	22.90	60.1	311.5	112.1	102.1	10.07	11.138		
2,200.0	2,168.9	2,178.8	2,127.4	6.8	8.5	23.83	68.9	348.1	116.4	105.6	10.81	10.767		
2,300.0	2,261.7	2,278.7	2,219.9	7.5	9.2	25.25	77.8	384.8	118.3	106.7	11.64	10.164		
2,400.0	2,353.6	2,378.6	2,312.5	8.3	10.0	27.20	86.6	421.4	118.0	105.4	12.60	9.366		
2,461.3	2,409.4	2,439.9	2,369.2	8.8	10.5	28.71	92.0	443.8	116.7	103.5	13.27	8.796		
2,500.0	2,444.5	2,478.5	2,404.9	9.1	10.8	29.74	95.4	458.0	115.7	102.0	13.74	8.420		
2,600.0	2,535.2	2,578.3	2,497.4	9.9	11.5	32.51	104.2	494.6	113.2	98.2	15.05	7.523		
2,700.0	2,625.9	2,678.1	2,589.8	10.7	12.3	35.40	113.0	531.1	111.0	94.5	16.50	6.730		
2,800.0	2,716.6	2,777.9	2,682.3	11.6	13.1	38.39	121.9	567.7	109.1	91.0	18.08	6.034		
2,900.0	2,807.3	2,877.7	2,774.7	12.5	13.9	41.48	130.7	604.3	107.5	87.7	19.80	5.430		
3,000.0	2,898.0	2,977.6	2,867.2	13.3	14.7	44.65	139.5	640.9	106.2	84.6	21.65	4.908		
3,100.0	2,988.7	3,077.4	2,959.6	14.2	15.5	47.89	148.3	677.5	105.3	81.7	23.61	4.460		
3,200.0	3,079.3	3,177.2	3,052.1	15.1	16.3	51.18	157.1	714.1	104.7	79.0	25.67	4.079		
3,300.0	3,170.0	3,277.0	3,144.5	15.9	17.0	54.49	165.9	750.6	104.5	76.7	27.80	3.757		
3,321.2	3,189.2	3,298.1	3,164.1	16.1	17.2	55.20	167.8	758.4	104.4	76.2	28.26	3.695		
3,400.0	3,260.7	3,376.8	3,237.0	16.8	17.8	57.81	174.7	787.2	104.6	74.6	30.00	3.485		
3,500.0	3,351.4	3,476.6	3,329.4	17.7	18.6	61.11	183.6	823.8	105.0	72.8	32.23	3.258		
3,600.0	3,442.1	3,576.4	3,421.9	18.6	19.4	64.38	192.4	860.4	105.8	71.3	34.47	3.069		
3,700.0	3,532.8	3,676.3	3,514.3	19.4	20.2	67.58	201.2	897.0	106.9	70.2	36.71	2.913		
3,800.0	3,623.5	3,776.1	3,606.8	20.3	21.0	70.71	210.0	933.6	108.4	69.5	38.93	2.785		
3,900.0	3,714.2	3,875.9	3,699.2	21.2	21.8	73.74	218.8	970.2	110.2	69.1	41.11	2.680		
4,000.0	3,804.9	3,975.7	3,791.7	22.1	22.6	76.67	227.6	1,006.7	112.3	69.0	43.25	2.596		
4,100.0	3,895.6	4,075.5	3,884.1	23.0	23.4	79.49	236.5	1,043.3	114.6	69.3	45.32	2.529		
4,200.0	3,986.2	4,175.3	3,976.6	23.9	24.2	82.19	245.3	1,079.9	117.3	69.9	47.34	2.477		
4,300.0	4,076.9	4,275.2	4,069.0	24.8	25.0	84.76	254.1	1,116.5	120.1	70.9	49.29	2.438		
4,400.0	4,167.6	4,375.0	4,161.5	25.7	25.8	87.21	262.9	1,153.1	123.2	72.1	51.17	2.409		
4,500.0	4,258.3	4,474.8	4,253.9	26.6	26.6	89.54	271.7	1,189.7	126.6	73.6	52.99	2.389		
4,600.0	4,349.0	4,574.6	4,346.4	27.4	27.4	91.74	280.5	1,226.2	130.1	75.3	54.75	2.376		
4,700.0	4,439.7	4,674.4	4,438.9	28.3	28.2	93.83	289.3	1,262.8	133.8	77.3	56.45	2.370		
4,800.0	4,530.4	4,774.2	4,531.3	29.2	29.0	95.80	298.2	1,299.4	137.7	79.6	58.10	2.370		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,621.1	4,874.1	4,623.8	30.1	29.8	97.66	307.0	1,336.0	141.7	82.0	59.70	2.374		
5,000.0	4,711.8	4,973.9	4,716.2	31.0	30.6	99.41	315.8	1,372.6	145.9	84.6	61.25	2.382		
5,100.0	4,802.4	5,073.7	4,808.7	31.9	31.4	101.07	324.6	1,409.2	150.2	87.4	62.76	2.393		
5,200.0	4,893.1	5,173.5	4,901.1	32.8	32.2	102.63	333.4	1,445.7	154.6	90.3	64.23	2.407		
5,300.0	4,983.8	5,273.3	4,993.6	33.7	33.0	104.11	342.2	1,482.3	159.1	93.4	65.66	2.423		
5,400.0	5,074.5	5,373.1	5,086.0	34.6	33.8	105.50	351.0	1,518.9	163.7	96.6	67.07	2.441		
5,500.0	5,165.2	5,473.0	5,178.5	35.5	34.6	106.82	359.9	1,555.5	168.4	100.0	68.45	2.461		
5,530.6	5,192.9	5,503.4	5,206.7	35.8	34.8	107.21	362.6	1,566.7	169.9	101.0	68.87	2.467		
5,600.0	5,256.2	5,572.8	5,270.9	36.3	35.4	107.86	368.7	1,592.1	173.0	103.2	69.80	2.478		
5,700.0	5,348.6	5,672.1	5,363.0	37.0	36.1	107.96	377.4	1,628.1	176.6	105.5	71.15	2.482		
5,800.0	5,442.3	5,770.7	5,455.5	37.6	36.7	107.90	385.3	1,661.3	179.8	107.5	72.33	2.486		
5,900.0	5,537.1	5,869.2	5,549.1	38.1	37.2	107.86	392.6	1,691.3	182.7	109.4	73.39	2.490		
6,000.0	5,632.9	5,967.8	5,643.7	38.6	37.7	107.82	399.1	1,718.2	185.4	111.0	74.33	2.494		
6,100.0	5,729.7	6,066.4	5,739.2	39.0	38.1	107.79	404.8	1,741.9	187.7	112.5	75.17	2.497		
6,200.0	5,827.3	6,164.9	5,835.5	39.4	38.5	107.76	409.7	1,762.4	189.7	113.8	75.90	2.499		
6,300.0	5,925.6	6,263.5	5,932.4	39.7	38.8	107.74	413.9	1,779.7	191.3	114.8	76.53	2.500		
6,400.0	6,024.5	6,362.0	6,029.9	40.0	39.1	107.73	417.2	1,793.7	192.7	115.7	77.05	2.501		
6,500.0	6,123.9	6,460.6	6,127.9	40.2	39.3	107.71	419.8	1,804.4	193.7	116.3	77.47	2.501		
6,600.0	6,223.6	6,559.1	6,226.1	40.4	39.4	107.70	421.6	1,811.9	194.5	116.7	77.79	2.500		
6,700.0	6,323.5	6,657.7	6,324.6	40.5	39.6	107.70	422.6	1,816.0	194.9	116.9	78.02	2.498		
6,776.5	6,400.0	6,733.1	6,400.0	40.6	39.6	178.88	422.9	1,817.0	195.0	153.6	41.41	4.708		
6,800.0	6,423.5	6,756.6	6,423.5	40.6	39.6	178.88	422.9	1,817.0	195.0	153.5	41.47	4.701		
6,900.0	6,523.5	6,856.6	6,523.5	40.7	39.7	178.88	422.9	1,817.0	195.0	153.2	41.74	4.671		
6,949.6	6,573.1	6,906.2	6,573.1	40.7	39.8	178.88	422.9	1,817.0	195.0	153.1	41.87	4.657		
7,000.0	6,623.4	6,956.6	6,623.4	40.7	39.8	-91.00	422.9	1,817.0	195.0	116.4	78.60	2.481		
7,050.0	6,673.1	7,006.6	6,673.4	40.7	39.8	-92.40	422.9	1,816.5	195.1	116.2	78.95	2.472		
7,100.0	6,722.3	7,057.1	6,723.8	40.6	39.8	-93.92	422.8	1,813.0	195.4	116.2	79.22	2.467		
7,150.0	6,770.8	7,107.9	6,774.1	40.6	39.8	-95.42	422.7	1,805.8	195.8	116.5	79.35	2.468		
7,200.0	6,818.4	7,159.2	6,824.2	40.4	39.7	-96.89	422.6	1,795.0	196.4	117.0	79.35	2.475		
7,250.0	6,864.7	7,210.8	6,873.8	40.3	39.6	-98.33	422.5	1,780.5	197.1	117.8	79.22	2.487		
7,300.0	6,909.6	7,262.8	6,922.5	40.2	39.5	-99.72	422.3	1,762.3	197.8	118.8	78.98	2.505		
7,350.0	6,952.9	7,315.3	6,970.1	40.0	39.3	-101.06	422.0	1,740.5	198.7	120.1	78.62	2.527		
7,400.0	6,994.3	7,368.0	7,016.3	39.8	39.1	-102.33	421.7	1,715.0	199.6	121.4	78.17	2.553		
7,450.0	7,033.7	7,421.2	7,060.9	39.7	39.0	-103.54	421.4	1,686.0	200.6	122.9	77.65	2.583		
7,500.0	7,070.8	7,474.7	7,103.4	39.5	38.8	-104.67	421.1	1,653.5	201.6	124.5	77.06	2.616		
7,550.0	7,105.5	7,528.6	7,143.6	39.4	38.6	-105.73	420.7	1,617.8	202.6	126.1	76.44	2.650		
7,600.0	7,137.6	7,582.7	7,181.3	39.3	38.5	-106.69	420.2	1,578.8	203.6	127.8	75.81	2.685		
7,650.0	7,167.0	7,637.2	7,216.0	39.2	38.4	-107.57	419.8	1,536.9	204.5	129.3	75.19	2.720		
7,700.0	7,193.4	7,692.0	7,247.7	39.1	38.3	-108.36	419.3	1,492.2	205.4	130.8	74.61	2.753		
7,750.0	7,216.8	7,747.0	7,275.9	39.1	38.2	-109.05	418.8	1,445.0	206.3	132.2	74.09	2.784		
7,800.0	7,237.1	7,802.2	7,300.6	39.1	38.2	-109.64	418.2	1,395.6	207.0	133.3	73.65	2.810		
7,850.0	7,254.2	7,857.7	7,321.4	39.2	38.2	-110.13	417.7	1,344.3	207.6	134.3	73.33	2.831		
7,900.0	7,267.9	7,913.2	7,338.3	39.3	38.3	-110.51	417.1	1,291.3	208.1	135.0	73.12	2.846		
7,950.0	7,278.3	7,968.9	7,351.0	39.4	38.4	-110.80	416.5	1,237.1	208.5	135.5	73.05	2.854		
8,000.0	7,285.2	8,024.7	7,359.4	39.5	38.6	-110.97	415.9	1,182.0	208.8	135.6	73.11	2.855		
8,050.0	7,288.6	8,080.6	7,363.6	39.7	38.9	-111.05	415.3	1,126.3	208.9	135.5	73.31	2.849		
8,071.1	7,289.0	8,104.1	7,364.0	39.8	39.0	-111.05	415.0	1,102.7	208.8	135.4	73.43	2.844		
8,071.2	7,289.0	8,104.3	7,364.0	39.8	39.0	-111.05	415.0	1,102.6	208.8	135.4	73.43	2.844		
8,072.5	7,289.0	8,105.6	7,364.0	39.8	39.0	-111.04	415.0	1,101.2	208.8	135.4	73.45	2.844		
8,100.0	7,289.1	8,133.2	7,364.0	40.0	39.1	-111.02	414.7	1,073.7	208.8	135.0	73.80	2.829		
8,200.0	7,289.6	8,233.2	7,364.1	40.6	39.8	-110.93	413.6	973.7	208.7	133.5	75.24	2.774		
8,300.0	7,290.0	8,333.2	7,364.2	41.4	40.6	-110.85	412.5	873.7	208.6	131.6	77.00	2.709		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-17)		Offset Site Error:		0.0 ft
Survey Program:				0-MWD									Offset Well Error:		0.0 ft		
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,400.0	7,290.4	8,433.2	7,364.3	42.3	41.6	-110.76	411.4	773.7	208.4	129.4	79.09	2.636					
8,500.0	7,290.9	8,533.2	7,364.4	43.4	42.7	-110.67	410.3	673.7	208.3	126.9	81.46	2.557					
8,600.0	7,291.3	8,633.2	7,364.5	44.7	44.0	-110.59	409.2	573.8	208.2	124.1	84.11	2.475					
8,700.0	7,291.7	8,733.2	7,364.6	46.1	45.5	-110.50	408.1	473.8	208.1	121.1	87.00	2.392					
8,800.0	7,292.2	8,833.2	7,364.7	47.7	47.1	-110.41	407.0	373.8	208.0	117.8	90.12	2.308					
8,900.0	7,292.6	8,933.2	7,364.8	49.4	48.8	-110.32	405.9	273.8	207.8	114.4	93.44	2.224					
9,000.0	7,293.0	9,033.2	7,364.9	51.1	50.6	-110.24	404.8	173.8	207.7	110.8	96.94	2.143					
9,100.0	7,293.5	9,133.2	7,365.0	53.0	52.4	-110.15	403.7	73.8	207.6	107.0	100.60	2.064					
9,200.0	7,293.9	9,233.2	7,365.1	55.0	54.4	-110.06	402.7	-26.2	207.5	103.1	104.41	1.987					
9,300.0	7,294.4	9,333.2	7,365.2	57.0	56.4	-109.97	401.6	-126.2	207.4	99.0	108.35	1.914					
9,400.0	7,294.8	9,433.2	7,365.3	59.1	58.6	-109.88	400.5	-226.2	207.3	94.8	112.42	1.844					
9,500.0	7,295.2	9,533.2	7,365.4	61.3	60.7	-109.80	399.4	-326.2	207.1	90.6	116.59	1.777					
9,600.0	7,295.7	9,633.2	7,365.5	63.5	62.9	-109.71	398.3	-426.2	207.0	86.2	120.86	1.713					
9,700.0	7,296.1	9,733.2	7,365.6	65.7	65.2	-109.62	397.2	-526.2	206.9	81.7	125.21	1.652					
9,800.0	7,296.5	9,833.2	7,365.7	68.0	67.5	-109.53	396.1	-626.2	206.8	77.2	129.65	1.595					
9,900.0	7,297.0	9,933.2	7,365.8	70.4	69.8	-109.44	395.0	-726.2	206.7	72.5	134.16	1.541					
10,000.0	7,297.4	10,033.2	7,365.9	72.8	72.2	-109.35	393.9	-826.2	206.6	67.8	138.73	1.489	Level 3				
10,100.0	7,297.8	10,133.2	7,366.0	75.2	74.6	-109.26	392.8	-926.1	206.5	63.1	143.36	1.440	Level 3				
10,200.0	7,298.3	10,233.2	7,366.1	77.6	77.1	-109.18	391.7	-1,026.1	206.3	58.3	148.05	1.394	Level 3				
10,300.0	7,298.7	10,333.2	7,366.2	80.1	79.5	-109.09	390.6	-1,126.1	206.2	53.4	152.79	1.350	Level 3				
10,400.0	7,299.2	10,433.2	7,366.3	82.5	82.0	-109.00	389.5	-1,226.1	206.1	48.5	157.58	1.308	Level 3				
10,500.0	7,299.6	10,533.2	7,366.4	85.0	84.5	-108.91	388.4	-1,326.1	206.0	43.6	162.41	1.268	Level 3				
10,600.0	7,300.0	10,633.2	7,366.4	87.6	87.0	-108.82	387.3	-1,426.1	205.9	38.6	167.27	1.231	Level 2				
10,700.0	7,300.5	10,733.2	7,366.5	90.1	89.6	-108.73	386.2	-1,526.1	205.8	33.6	172.18	1.195	Level 2				
10,800.0	7,300.9	10,833.2	7,366.6	92.7	92.1	-108.64	385.1	-1,626.1	205.7	28.6	177.12	1.161	Level 2				
10,900.0	7,301.3	10,933.1	7,366.7	95.2	94.7	-108.55	384.0	-1,726.1	205.6	23.5	182.09	1.129	Level 2				
11,000.0	7,301.8	11,033.1	7,366.8	97.8	97.3	-108.46	383.0	-1,826.1	205.5	18.4	187.09	1.098	Level 2				
11,100.0	7,302.2	11,133.1	7,366.9	100.4	99.9	-108.37	381.9	-1,926.1	205.4	13.2	192.12	1.069	Level 2				
11,200.0	7,302.6	11,233.1	7,367.0	103.0	102.5	-108.28	380.8	-2,026.1	205.2	8.1	197.17	1.041	Level 2				
11,300.0	7,303.1	11,333.1	7,367.1	105.6	105.1	-108.19	379.7	-2,126.1	205.1	2.9	202.25	1.014	Level 2				
11,400.0	7,303.5	11,433.1	7,367.2	108.3	107.7	-108.10	378.6	-2,226.1	205.0	-2.3	207.35	0.989	Level 1				
11,500.0	7,303.9	11,533.1	7,367.3	110.9	110.4	-108.01	377.5	-2,326.1	204.9	-7.5	212.47	0.965	Level 1				
11,600.0	7,304.4	11,633.1	7,367.4	113.5	113.0	-107.92	376.4	-2,426.0	204.8	-12.8	217.61	0.941	Level 1				
11,700.0	7,304.8	11,733.1	7,367.5	116.2	115.7	-107.83	375.3	-2,526.0	204.7	-18.1	222.77	0.919	Level 1				
11,800.0	7,305.3	11,833.1	7,367.6	118.9	118.3	-107.74	374.2	-2,626.0	204.6	-23.3	227.95	0.898	Level 1				
11,900.0	7,305.7	11,933.1	7,367.7	121.5	121.0	-107.65	373.1	-2,726.0	204.5	-28.6	233.15	0.877	Level 1				
12,000.0	7,306.1	12,033.1	7,367.8	124.2	123.7	-107.56	372.0	-2,826.0	204.4	-34.0	238.37	0.858	Level 1				
12,100.0	7,306.6	12,133.1	7,367.9	126.9	126.3	-107.47	370.9	-2,926.0	204.3	-39.3	243.60	0.839	Level 1				
12,200.0	7,307.0	12,233.1	7,368.0	129.6	129.0	-107.38	369.8	-3,026.0	204.2	-44.6	248.84	0.821	Level 1				
12,300.0	7,307.4	12,333.1	7,368.1	132.2	131.7	-107.29	368.7	-3,126.0	204.1	-50.0	254.10	0.803	Level 1				
12,400.0	7,307.9	12,433.1	7,368.2	134.9	134.4	-107.20	367.6	-3,226.0	204.0	-55.4	259.37	0.787	Level 1				
12,500.0	7,308.3	12,533.1	7,368.3	137.6	137.1	-107.11	366.5	-3,326.0	203.9	-60.8	264.66	0.770	Level 1				
12,600.0	7,308.7	12,633.1	7,368.4	140.3	139.8	-107.02	365.4	-3,426.0	203.8	-66.2	269.96	0.755	Level 1				
12,700.0	7,309.2	12,733.1	7,368.5	143.0	142.5	-106.92	364.3	-3,526.0	203.7	-71.6	275.27	0.740	Level 1				
12,800.0	7,309.6	12,833.1	7,368.6	145.8	145.2	-106.83	363.3	-3,626.0	203.6	-77.0	280.59	0.726	Level 1				
12,900.0	7,310.1	12,933.1	7,368.7	148.5	147.9	-106.74	362.2	-3,726.0	203.5	-82.4	285.92	0.712	Level 1				
13,000.0	7,310.5	13,033.1	7,368.8	151.2	150.7	-106.65	361.1	-3,826.0	203.4	-87.9	291.27	0.698	Level 1				
13,100.0	7,310.9	13,133.1	7,368.9	153.9	153.4	-106.56	360.0	-3,926.0	203.3	-93.3	296.62	0.685	Level 1				
13,200.0	7,311.4	13,233.1	7,369.0	156.6	156.1	-106.47	358.9	-4,025.9	203.2	-98.8	301.99	0.673	Level 1				
13,300.0	7,311.8	13,333.1	7,369.1	159.4	158.8	-106.38	357.8	-4,125.9	203.1	-104.3	307.36	0.661	Level 1				
13,400.0	7,312.2	13,433.1	7,369.2	162.1	161.6	-106.28	356.7	-4,225.9	203.0	-109.7	312.74	0.649	Level 1				
13,500.0	7,312.7	13,533.1	7,369.3	164.8	164.3	-106.19	355.6	-4,325.9	202.9	-115.2	318.14	0.638	Level 1				

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.0	7,313.1	13,633.1	7,369.4	167.6	167.0	-106.10	354.5	-4,425.9	202.8	-120.7	323.54	0.627	Level 1	
13,700.0	7,313.5	13,733.1	7,369.4	170.3	169.8	-106.01	353.4	-4,525.9	202.7	-126.2	328.95	0.616	Level 1	
13,800.0	7,314.0	13,833.1	7,369.5	173.0	172.5	-105.92	352.3	-4,625.9	202.6	-131.7	334.37	0.606	Level 1	
13,900.0	7,314.4	13,933.1	7,369.6	175.8	175.3	-105.82	351.2	-4,725.9	202.5	-137.3	339.79	0.596	Level 1	
14,000.0	7,314.8	14,033.1	7,369.7	178.5	178.0	-105.73	350.1	-4,825.9	202.4	-142.8	345.23	0.586	Level 1	
14,100.0	7,315.3	14,133.1	7,369.8	181.3	180.8	-105.64	349.0	-4,925.9	202.4	-148.3	350.67	0.577	Level 1	
14,200.0	7,315.7	14,233.1	7,369.9	184.0	183.5	-105.55	347.9	-5,025.9	202.3	-153.9	356.12	0.568	Level 1	
14,300.0	7,316.2	14,333.1	7,370.0	186.8	186.3	-105.45	346.8	-5,125.9	202.2	-159.4	361.58	0.559	Level 1	
14,400.0	7,316.6	14,433.1	7,370.1	189.5	189.0	-105.36	345.7	-5,225.9	202.1	-165.0	367.04	0.551	Level 1	
14,500.0	7,317.0	14,533.1	7,370.2	192.3	191.8	-105.27	344.6	-5,325.9	202.0	-170.5	372.51	0.542	Level 1	
14,600.0	7,317.5	14,633.1	7,370.3	195.0	194.5	-105.18	343.6	-5,425.9	201.9	-176.1	377.99	0.534	Level 1	
14,700.0	7,317.9	14,733.1	7,370.4	197.8	197.3	-105.08	342.5	-5,525.8	201.8	-181.7	383.47	0.526	Level 1	
14,800.0	7,318.3	14,833.1	7,370.5	200.6	200.0	-104.99	341.4	-5,625.8	201.7	-187.2	388.96	0.519	Level 1	
14,900.0	7,318.8	14,933.1	7,370.6	203.3	202.8	-104.90	340.3	-5,725.8	201.6	-192.8	394.46	0.511	Level 1	
15,000.0	7,319.2	15,033.1	7,370.7	206.1	205.6	-104.80	339.2	-5,825.8	201.5	-198.4	399.96	0.504	Level 1	
15,100.0	7,319.6	15,133.1	7,370.8	208.8	208.3	-104.71	338.1	-5,925.8	201.5	-204.0	405.47	0.497	Level 1	
15,200.0	7,320.1	15,233.1	7,370.9	211.6	211.1	-104.62	337.0	-6,025.8	201.4	-209.6	410.98	0.490	Level 1	
15,300.0	7,320.5	15,333.1	7,371.0	214.4	213.8	-104.52	335.9	-6,125.8	201.3	-215.2	416.50	0.483	Level 1	
15,400.0	7,321.0	15,433.1	7,371.1	217.1	216.6	-104.43	334.8	-6,225.8	201.2	-220.8	422.03	0.477	Level 1	
15,500.0	7,321.4	15,533.1	7,371.2	219.9	219.4	-104.34	333.7	-6,325.8	201.1	-226.5	427.56	0.470	Level 1	
15,600.0	7,321.8	15,633.1	7,371.3	222.7	222.1	-104.24	332.6	-6,425.8	201.0	-232.1	433.10	0.464	Level 1	
15,700.0	7,322.3	15,733.1	7,371.4	225.4	224.9	-104.15	331.5	-6,525.8	200.9	-237.7	438.64	0.458	Level 1	
15,800.0	7,322.7	15,833.1	7,371.5	228.2	227.7	-104.06	330.4	-6,625.8	200.9	-243.3	444.19	0.452	Level 1	
15,900.0	7,323.1	15,933.1	7,371.6	231.0	230.5	-103.96	329.3	-6,725.8	200.8	-249.0	449.74	0.446	Level 1	
16,000.0	7,323.6	16,033.1	7,371.7	233.8	233.2	-103.87	328.2	-6,825.8	200.7	-254.6	455.30	0.441	Level 1	
16,100.0	7,324.0	16,133.1	7,371.8	236.5	236.0	-103.77	327.1	-6,925.8	200.6	-260.2	460.86	0.435	Level 1	
16,200.0	7,324.4	16,233.1	7,371.9	239.3	238.8	-103.68	326.0	-7,025.7	200.5	-265.9	466.42	0.430	Level 1	
16,300.0	7,324.9	16,333.1	7,372.0	242.1	241.6	-103.59	324.9	-7,125.7	200.4	-271.5	471.99	0.425	Level 1	
16,400.0	7,325.3	16,433.1	7,372.1	244.9	244.3	-103.49	323.9	-7,225.7	200.4	-277.2	477.57	0.420	Level 1	
16,500.0	7,325.7	16,533.1	7,372.2	247.6	247.1	-103.40	322.8	-7,325.7	200.3	-282.9	483.15	0.415	Level 1	
16,600.0	7,326.2	16,633.1	7,372.3	250.4	249.9	-103.30	321.7	-7,425.7	200.2	-288.5	488.73	0.410	Level 1	
16,700.0	7,326.6	16,733.1	7,372.4	253.2	252.7	-103.21	320.6	-7,525.7	200.1	-294.2	494.32	0.405	Level 1	
16,800.0	7,327.1	16,833.1	7,372.4	256.0	255.4	-103.11	319.5	-7,625.7	200.1	-299.9	499.91	0.400	Level 1	
16,900.0	7,327.5	16,933.1	7,372.5	258.7	258.2	-103.02	318.4	-7,725.7	200.0	-305.5	505.51	0.396	Level 1	
17,000.0	7,327.9	17,033.1	7,372.6	261.5	261.0	-102.93	317.3	-7,825.7	199.9	-311.2	511.11	0.391	Level 1	
17,100.0	7,328.4	17,133.1	7,372.7	264.3	263.8	-102.83	316.2	-7,925.7	199.8	-316.9	516.71	0.387	Level 1	
17,200.0	7,328.8	17,233.1	7,372.8	267.1	266.6	-102.74	315.1	-8,025.7	199.7	-322.6	522.32	0.382	Level 1	
17,300.0	7,329.2	17,333.1	7,372.9	269.9	269.3	-102.64	314.0	-8,125.7	199.7	-328.3	527.94	0.378	Level 1	
17,400.0	7,329.7	17,433.1	7,373.0	272.6	272.1	-102.55	312.9	-8,225.7	199.6	-334.0	533.55	0.374	Level 1	
17,500.0	7,330.1	17,533.1	7,373.1	275.4	274.9	-102.45	311.8	-8,325.7	199.5	-339.6	539.17	0.370	Level 1	
17,600.0	7,330.5	17,633.1	7,373.2	278.2	277.7	-102.36	310.7	-8,425.7	199.4	-345.3	544.79	0.366	Level 1	
17,700.0	7,331.0	17,733.1	7,373.3	281.0	280.5	-102.26	309.6	-8,525.6	199.4	-351.0	550.42	0.362	Level 1	
17,800.0	7,331.4	17,833.1	7,373.4	283.8	283.3	-102.17	308.5	-8,625.6	199.3	-356.7	556.05	0.358	Level 1	
17,900.0	7,331.9	17,933.1	7,373.5	286.6	286.0	-102.07	307.4	-8,725.6	199.2	-362.5	561.68	0.355	Level 1	
18,000.0	7,332.3	18,033.1	7,373.6	289.3	288.8	-101.98	306.3	-8,825.6	199.2	-368.2	567.32	0.351	Level 1	
18,100.0	7,332.7	18,133.1	7,373.7	292.1	291.6	-101.88	305.2	-8,925.6	199.1	-373.9	572.96	0.347	Level 1	
18,200.0	7,333.2	18,233.1	7,373.8	294.9	294.4	-101.78	304.2	-9,025.6	199.0	-379.6	578.60	0.344	Level 1	
18,300.0	7,333.6	18,333.1	7,373.9	297.7	297.2	-101.69	303.1	-9,125.6	198.9	-385.3	584.24	0.341	Level 1	
18,392.8	7,334.0	18,425.9	7,374.0	300.3	299.8	-101.60	302.0	-9,218.4	198.9	-390.6	589.49	0.337	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-29.9	0.0	29.9					
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-29.9	0.0	29.9	29.6	0.22	132.913		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-29.9	0.0	29.9	29.2	0.67	44.304		
300.0	300.0	300.1	300.1	0.6	0.6	177.50	-29.7	1.3	29.7	28.6	1.12	26.626		
389.0	389.0	389.1	389.0	0.8	0.8	170.99	-29.1	4.6	29.5	28.0	1.51	19.529 CC		
400.0	400.0	400.1	400.0	0.8	0.8	169.90	-29.1	5.2	29.5	28.0	1.56	18.920		
500.0	500.0	499.8	499.4	1.0	1.0	157.50	-28.0	11.6	30.3	28.3	2.01	15.086		
600.0	600.0	599.0	598.3	1.2	1.3	142.30	-26.6	20.6	33.7	31.2	2.47	13.631		
700.0	700.0	697.8	696.4	1.5	1.5	127.79	-24.8	32.0	40.6	37.7	2.95	13.788		
800.0	800.0	795.9	793.4	1.7	1.9	116.27	-22.6	45.8	51.5	48.0	3.46	14.902		
900.0	900.0	893.4	889.6	1.9	2.2	37.30	-20.0	62.0	64.9	61.1	3.88	16.719		
1,000.0	999.9	990.5	984.9	2.1	2.6	32.51	-17.1	80.5	79.3	75.0	4.34	18.275		
1,100.0	1,099.7	1,087.2	1,079.3	2.3	3.0	29.45	-13.8	101.3	94.1	89.3	4.81	19.586		
1,200.0	1,199.3	1,183.6	1,172.8	2.6	3.5	27.43	-10.2	124.4	109.2	103.9	5.28	20.664		
1,300.0	1,298.6	1,279.6	1,265.3	2.8	4.0	26.09	-6.1	149.7	124.5	118.7	5.78	21.533		
1,400.0	1,397.5	1,375.2	1,356.8	3.1	4.5	25.20	-1.8	177.2	139.8	133.5	6.29	22.232		
1,500.0	1,496.1	1,470.5	1,447.2	3.4	5.1	24.64	2.9	206.8	155.2	148.4	6.82	22.757		
1,600.0	1,594.2	1,565.3	1,536.5	3.8	5.8	24.31	7.9	238.5	170.6	163.3	7.37	23.146		
1,700.0	1,691.7	1,660.5	1,625.2	4.1	6.5	24.15	13.3	272.4	186.0	178.1	7.95	23.400		
1,800.0	1,788.6	1,759.6	1,717.2	4.6	7.2	24.26	19.0	308.6	199.9	191.4	8.57	23.337		
1,900.0	1,884.9	1,858.9	1,809.5	5.1	8.0	24.65	24.8	344.8	211.5	202.3	9.22	22.937		
2,000.0	1,980.4	1,958.4	1,902.0	5.6	8.7	25.30	30.6	381.1	220.7	210.8	9.92	22.255		
2,100.0	2,075.0	2,058.1	1,994.6	6.2	9.5	26.19	36.3	417.5	227.6	216.9	10.67	21.337		
2,200.0	2,168.9	2,157.9	2,087.4	6.8	10.3	27.33	42.1	453.9	232.2	220.7	11.48	20.220		
2,300.0	2,261.7	2,257.7	2,180.1	7.5	11.0	28.74	47.9	490.4	234.6	222.3	12.39	18.940		
2,400.0	2,353.6	2,357.4	2,272.8	8.3	11.8	30.46	53.6	526.8	235.0	221.6	13.40	17.529		
2,461.3	2,409.4	2,418.5	2,329.6	8.8	12.3	31.68	57.2	549.1	234.1	220.1	14.09	16.613		
2,500.0	2,444.5	2,457.1	2,365.4	9.1	12.6	32.49	59.4	563.1	233.4	218.9	14.56	16.028		
2,600.0	2,535.2	2,556.7	2,457.9	9.9	13.4	34.61	65.2	599.5	231.8	215.9	15.84	14.629		
2,700.0	2,625.9	2,656.3	2,550.5	10.7	14.1	36.76	70.9	635.9	230.5	213.3	17.22	13.384		
2,800.0	2,716.6	2,755.9	2,643.1	11.6	14.9	38.93	76.7	672.2	229.5	210.8	18.69	12.281		
2,900.0	2,807.3	2,855.5	2,735.6	12.5	15.7	41.11	82.5	708.6	228.8	208.6	20.24	11.306		
3,000.0	2,898.0	2,955.1	2,828.2	13.3	16.5	43.30	88.2	744.9	228.5	206.7	21.88	10.445		
3,042.9	2,936.9	2,997.9	2,867.9	13.7	16.8	44.24	90.7	760.5	228.5	205.9	22.61	10.108		
3,100.0	2,988.7	3,054.8	2,920.7	14.2	17.3	45.49	94.0	781.3	228.6	205.0	23.59	9.687		
3,200.0	3,079.3	3,154.4	3,013.3	15.1	18.0	47.68	99.8	817.6	228.9	203.5	25.38	9.020		
3,300.0	3,170.0	3,254.0	3,105.9	15.9	18.8	49.86	105.5	854.0	229.6	202.4	27.22	8.434		
3,400.0	3,260.7	3,353.6	3,198.4	16.8	19.6	52.03	111.3	890.3	230.6	201.5	29.13	7.919		
3,500.0	3,351.4	3,453.2	3,291.0	17.7	20.4	54.17	117.1	926.7	232.0	200.9	31.07	7.467		
3,600.0	3,442.1	3,552.8	3,383.6	18.6	21.2	56.28	122.8	963.1	233.7	200.6	33.06	7.069		
3,700.0	3,532.8	3,652.4	3,476.1	19.4	21.9	58.36	128.6	999.4	235.7	200.6	35.07	6.720		
3,800.0	3,623.5	3,752.0	3,568.7	20.3	22.7	60.41	134.4	1,035.8	238.0	200.9	37.11	6.412		
3,900.0	3,714.2	3,851.7	3,661.2	21.2	23.5	62.41	140.1	1,072.1	240.6	201.4	39.17	6.143		
4,000.0	3,804.9	3,951.3	3,753.8	22.1	24.3	64.37	145.9	1,108.5	243.5	202.2	41.23	5.905		
4,100.0	3,895.6	4,050.9	3,846.4	23.0	25.1	66.28	151.6	1,144.8	246.7	203.4	43.30	5.697		
4,200.0	3,986.2	4,150.5	3,938.9	23.9	25.9	68.14	157.4	1,181.2	250.1	204.7	45.36	5.513		
4,300.0	4,076.9	4,250.1	4,031.5	24.8	26.6	69.95	163.2	1,217.6	253.8	206.4	47.42	5.352		
4,400.0	4,167.6	4,349.7	4,124.1	25.7	27.4	71.70	168.9	1,253.9	257.7	208.3	49.47	5.210		
4,500.0	4,258.3	4,449.3	4,216.6	26.6	28.2	73.40	174.7	1,290.3	261.9	210.4	51.51	5.085		
4,600.0	4,349.0	4,549.0	4,309.2	27.4	29.0	75.05	180.5	1,326.6	266.3	212.8	53.52	4.976		
4,700.0	4,439.7	4,648.6	4,401.7	28.3	29.8	76.64	186.2	1,363.0	270.9	215.4	55.52	4.880		
4,800.0	4,530.4	4,748.2	4,494.3	29.2	30.6	78.17	192.0	1,399.3	275.8	218.2	57.50	4.795		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,621.1	4,847.8	4,586.9	30.1	31.3	79.66	197.8	1,435.7	280.8	221.3	59.46	4.722		
5,000.0	4,711.8	4,947.4	4,679.4	31.0	32.1	81.09	203.5	1,472.1	286.0	224.6	61.40	4.657		
5,100.0	4,802.4	5,047.0	4,772.0	31.9	32.9	82.47	209.3	1,508.4	291.3	228.0	63.32	4.601		
5,200.0	4,893.1	5,146.6	4,864.6	32.8	33.7	83.80	215.1	1,544.8	296.9	231.6	65.21	4.552		
5,300.0	4,983.8	5,246.2	4,957.1	33.7	34.5	85.08	220.8	1,581.1	302.5	235.5	67.08	4.510		
5,400.0	5,074.5	5,346.1	5,049.9	34.6	35.3	86.32	226.6	1,617.6	308.4	239.4	68.92	4.474		
5,500.0	5,165.2	5,447.8	5,145.2	35.5	35.9	87.91	232.2	1,652.7	313.9	243.3	70.67	4.442		
5,530.6	5,192.9	5,478.8	5,174.4	35.8	36.1	88.51	233.8	1,662.8	315.5	244.3	71.19	4.433		
5,600.0	5,256.2	5,549.0	5,241.2	36.3	36.5	89.99	237.2	1,684.4	319.1	246.9	72.25	4.417		
5,700.0	5,348.6	5,649.9	5,337.9	37.0	36.9	92.05	241.7	1,712.6	324.2	250.6	73.55	4.408		
5,800.0	5,442.3	5,750.4	5,435.3	37.6	37.4	94.05	245.6	1,737.3	329.0	254.4	74.66	4.407		
5,900.0	5,537.1	5,850.6	5,533.2	38.1	37.7	95.97	249.0	1,758.6	333.7	258.1	75.59	4.414		
6,000.0	5,632.9	5,950.5	5,631.4	38.6	38.1	97.85	251.8	1,776.4	338.1	261.7	76.35	4.428		
6,100.0	5,729.7	6,050.0	5,729.8	39.0	38.3	99.66	254.1	1,790.8	342.2	265.2	76.95	4.447		
6,200.0	5,827.3	6,149.2	5,828.4	39.4	38.5	101.44	255.8	1,801.8	346.1	268.7	77.37	4.473		
6,300.0	5,925.6	6,248.1	5,926.9	39.7	38.7	103.16	257.0	1,809.3	349.7	272.0	77.65	4.503		
6,400.0	6,024.5	6,346.6	6,025.4	40.0	38.8	104.85	257.7	1,813.5	353.0	275.2	77.77	4.539		
6,500.0	6,123.9	6,445.1	6,123.9	40.2	38.9	106.50	257.8	1,814.5	355.9	278.2	77.75	4.578		
6,600.0	6,223.6	6,544.8	6,223.6	40.4	39.0	107.75	257.8	1,814.5	358.3	280.6	77.71	4.610		
6,700.0	6,323.5	6,644.7	6,323.5	40.5	39.0	108.45	257.8	1,814.5	359.7	281.9	77.73	4.627		
6,776.5	6,400.0	6,721.3	6,400.0	40.6	39.1	109.79	257.8	1,814.5	360.0	281.9	40.83	8.816		
6,800.0	6,423.5	6,744.7	6,423.5	40.6	39.1	109.79	257.8	1,814.5	360.0	281.9	40.89	8.803		
6,854.0	6,477.5	6,798.7	6,477.5	40.6	39.2	109.79	257.8	1,814.5	360.0	281.9	41.04	8.772		
6,900.0	6,523.5	6,844.6	6,523.3	40.7	39.2	109.90	257.8	1,813.9	360.0	281.8	41.21	8.736		
6,949.6	6,573.1	6,893.7	6,572.3	40.7	39.2	-179.51	257.8	1,810.1	360.0	281.8	41.61	8.653		
7,000.0	6,623.4	6,943.1	6,621.1	40.7	39.1	-87.99	257.7	1,802.9	360.2	282.6	77.57	4.644		
7,050.0	6,673.1	6,991.8	6,668.7	40.7	39.1	-87.14	257.6	1,792.6	360.4	283.2	77.22	4.668		
7,100.0	6,722.3	7,040.1	6,715.1	40.6	39.0	-86.30	257.4	1,779.2	360.7	283.9	76.80	4.697		
7,150.0	6,770.8	7,088.1	6,760.2	40.6	38.8	-85.48	257.3	1,762.8	361.1	284.8	76.33	4.731		
7,200.0	6,818.4	7,135.7	6,803.8	40.4	38.7	-84.69	257.0	1,743.5	361.5	285.7	75.83	4.768		
7,250.0	6,864.7	7,183.1	6,845.7	40.3	38.5	-83.92	256.8	1,721.6	362.0	286.7	75.30	4.808		
7,300.0	6,909.6	7,230.2	6,885.9	40.2	38.4	-83.19	256.5	1,697.0	362.5	287.8	74.77	4.849		
7,350.0	6,952.9	7,277.0	6,924.2	40.0	38.2	-82.49	256.2	1,670.1	363.1	288.9	74.24	4.891		
7,400.0	6,994.3	7,323.6	6,960.5	39.8	38.1	-81.83	255.9	1,640.8	363.7	289.9	73.74	4.932		
7,450.0	7,033.7	7,370.0	6,994.6	39.7	38.0	-81.20	255.6	1,609.5	364.3	291.0	73.27	4.972		
7,500.0	7,070.8	7,416.1	7,026.4	39.5	37.8	-80.63	255.2	1,576.1	364.9	292.0	72.85	5.008		
7,550.0	7,105.5	7,462.1	7,056.0	39.4	37.7	-80.09	254.8	1,540.9	365.4	292.9	72.50	5.041		
7,600.0	7,137.6	7,507.8	7,083.1	39.3	37.7	-79.60	254.4	1,504.1	366.0	293.8	72.22	5.068		
7,650.0	7,167.0	7,553.4	7,107.7	39.2	37.6	-79.16	254.0	1,465.7	366.5	294.5	72.04	5.088		
7,700.0	7,193.4	7,600.0	7,130.3	39.1	37.6	-78.76	253.5	1,424.9	367.0	295.1	71.95	5.101		
7,750.0	7,216.8	7,644.2	7,149.2	39.1	37.6	-78.42	253.1	1,385.0	367.4	295.5	71.97	5.106		
7,800.0	7,237.1	7,689.5	7,166.0	39.1	37.6	-78.13	252.6	1,343.0	367.8	295.7	72.10	5.102		
7,850.0	7,254.2	7,734.6	7,180.0	39.2	37.7	-77.89	252.1	1,300.1	368.2	295.8	72.34	5.089		
7,900.0	7,267.9	7,779.7	7,191.4	39.3	37.8	-77.70	251.7	1,256.5	368.4	295.7	72.70	5.068		
7,950.0	7,278.3	7,824.7	7,199.9	39.4	38.0	-77.57	251.2	1,212.3	368.6	295.4	73.16	5.038		
8,000.0	7,285.2	7,869.7	7,205.7	39.5	38.2	-77.49	250.7	1,167.6	368.7	295.0	73.72	5.002		
8,050.0	7,288.6	7,914.7	7,208.6	39.7	38.4	-77.46	250.2	1,122.8	368.7	294.4	74.37	4.959		
8,071.1	7,289.0	7,934.9	7,209.0	39.8	38.5	-77.47	250.0	1,102.6	368.7	294.1	74.67	4.938		
8,071.2	7,289.0	7,934.9	7,209.0	39.8	38.5	-77.47	250.0	1,102.6	368.7	294.1	74.67	4.938		
8,072.5	7,289.0	7,934.9	7,209.0	39.8	38.5	-77.47	250.0	1,102.5	368.7	294.1	74.68	4.938		
8,100.0	7,289.1	7,962.5	7,209.2	40.0	38.6	-77.47	249.7	1,075.0	368.7	293.7	75.00	4.916		
8,200.0	7,289.6	8,062.5	7,209.7	40.6	39.3	-77.50	248.6	975.0	368.7	292.3	76.41	4.825		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,300.0	7,290.0	8,162.5	7,210.3	41.4	40.2	-77.52	247.5	875.0	368.7	290.5	78.16	4.717		
8,400.0	7,290.4	8,262.5	7,210.9	42.3	41.2	-77.54	246.4	775.0	368.6	288.4	80.25	4.593		
8,500.0	7,290.9	8,362.5	7,211.5	43.4	42.4	-77.56	245.3	675.0	368.6	285.9	82.66	4.459		
8,600.0	7,291.3	8,462.5	7,212.1	44.7	43.7	-77.58	244.2	575.0	368.6	283.2	85.35	4.318		
8,700.0	7,291.7	8,562.5	7,212.6	46.1	45.2	-77.61	243.1	475.0	368.5	280.2	88.30	4.174		
8,800.0	7,292.2	8,662.5	7,213.2	47.7	46.8	-77.63	242.0	375.0	368.5	277.0	91.49	4.028		
8,900.0	7,292.6	8,762.5	7,213.8	49.4	48.5	-77.65	240.9	275.0	368.5	273.6	94.89	3.883		
9,000.0	7,293.0	8,862.5	7,214.4	51.1	50.4	-77.67	239.8	175.1	368.4	270.0	98.48	3.741		
9,100.0	7,293.5	8,962.5	7,215.0	53.0	52.3	-77.69	238.7	75.1	368.4	266.2	102.24	3.603		
9,200.0	7,293.9	9,062.5	7,215.5	55.0	54.2	-77.72	237.6	-24.9	368.4	262.2	106.16	3.470		
9,300.0	7,294.4	9,162.5	7,216.1	57.0	56.3	-77.74	236.5	-124.9	368.3	258.1	110.21	3.342		
9,400.0	7,294.8	9,262.5	7,216.7	59.1	58.4	-77.76	235.4	-224.9	368.3	253.9	114.38	3.220		
9,500.0	7,295.2	9,362.5	7,217.3	61.3	60.6	-77.78	234.3	-324.9	368.3	249.6	118.66	3.103		
9,600.0	7,295.7	9,462.5	7,217.9	63.5	62.8	-77.80	233.3	-424.9	368.2	245.2	123.04	2.993		
9,700.0	7,296.1	9,562.5	7,218.4	65.7	65.1	-77.82	232.2	-524.9	368.2	240.7	127.51	2.888		
9,800.0	7,296.5	9,662.5	7,219.0	68.0	67.4	-77.85	231.1	-624.9	368.2	236.1	132.06	2.788		
9,900.0	7,297.0	9,762.5	7,219.6	70.4	69.7	-77.87	230.0	-724.9	368.1	231.5	136.68	2.693		
10,000.0	7,297.4	9,862.5	7,220.2	72.8	72.1	-77.89	228.9	-824.9	368.1	226.7	141.36	2.604		
10,100.0	7,297.8	9,962.5	7,220.8	75.2	74.5	-77.91	227.8	-924.9	368.1	222.0	146.11	2.519		
10,200.0	7,298.3	10,062.5	7,221.3	77.6	77.0	-77.93	226.7	-1,024.9	368.0	217.1	150.90	2.439		
10,300.0	7,298.7	10,162.5	7,221.9	80.1	79.4	-77.96	225.6	-1,124.8	368.0	212.3	155.74	2.363		
10,400.0	7,299.2	10,262.5	7,222.5	82.5	81.9	-77.98	224.5	-1,224.8	368.0	207.4	160.63	2.291		
10,500.0	7,299.6	10,362.5	7,223.1	85.0	84.4	-78.00	223.4	-1,324.8	368.0	202.4	165.56	2.223		
10,600.0	7,300.0	10,462.5	7,223.7	87.6	87.0	-78.02	222.3	-1,424.8	367.9	197.4	170.52	2.158		
10,700.0	7,300.5	10,562.5	7,224.3	90.1	89.5	-78.04	221.2	-1,524.8	367.9	192.4	175.52	2.096		
10,800.0	7,300.9	10,662.5	7,224.8	92.7	92.1	-78.07	220.1	-1,624.8	367.9	187.3	180.55	2.037		
10,900.0	7,301.3	10,762.5	7,225.4	95.2	94.6	-78.09	219.0	-1,724.8	367.8	182.2	185.60	1.982		
11,000.0	7,301.8	10,862.5	7,226.0	97.8	97.2	-78.11	217.9	-1,824.8	367.8	177.1	190.69	1.929		
11,100.0	7,302.2	10,962.5	7,226.6	100.4	99.8	-78.13	216.8	-1,924.8	367.8	172.0	195.79	1.878		
11,200.0	7,302.6	11,062.5	7,227.2	103.0	102.4	-78.15	215.8	-2,024.8	367.7	166.8	200.92	1.830		
11,300.0	7,303.1	11,162.5	7,227.7	105.6	105.0	-78.18	214.7	-2,124.8	367.7	161.6	206.07	1.784		
11,400.0	7,303.5	11,262.5	7,228.3	108.3	107.7	-78.20	213.6	-2,224.8	367.7	156.4	211.24	1.740		
11,500.0	7,303.9	11,362.5	7,228.9	110.9	110.3	-78.22	212.5	-2,324.7	367.6	151.2	216.43	1.699		
11,600.0	7,304.4	11,462.5	7,229.5	113.5	113.0	-78.24	211.4	-2,424.7	367.6	146.0	221.64	1.659		
11,700.0	7,304.8	11,562.5	7,230.1	116.2	115.6	-78.26	210.3	-2,524.7	367.6	140.7	226.86	1.620		
11,800.0	7,305.3	11,662.5	7,230.6	118.9	118.3	-78.29	209.2	-2,624.7	367.5	135.5	232.09	1.584		
11,900.0	7,305.7	11,762.5	7,231.2	121.5	120.9	-78.31	208.1	-2,724.7	367.5	130.2	237.34	1.548		
12,000.0	7,306.1	11,862.5	7,231.8	124.2	123.6	-78.33	207.0	-2,824.7	367.5	124.9	242.61	1.515		
12,100.0	7,306.6	11,962.5	7,232.4	126.9	126.3	-78.35	205.9	-2,924.7	367.5	119.6	247.88	1.482 Level 3		
12,200.0	7,307.0	12,062.5	7,233.0	129.6	129.0	-78.37	204.8	-3,024.7	367.4	114.3	253.17	1.451 Level 3		
12,300.0	7,307.4	12,162.5	7,233.5	132.2	131.7	-78.40	203.7	-3,124.7	367.4	108.9	258.46	1.421 Level 3		
12,400.0	7,307.9	12,262.5	7,234.1	134.9	134.4	-78.42	202.6	-3,224.7	367.4	103.6	263.77	1.393 Level 3		
12,500.0	7,308.3	12,362.5	7,234.7	137.6	137.1	-78.44	201.5	-3,324.7	367.3	98.2	269.09	1.365 Level 3		
12,600.0	7,308.7	12,462.5	7,235.3	140.3	139.8	-78.46	200.4	-3,424.7	367.3	92.9	274.41	1.338 Level 3		
12,700.0	7,309.2	12,562.5	7,235.9	143.0	142.5	-78.48	199.3	-3,524.7	367.3	87.5	279.75	1.313 Level 3		
12,800.0	7,309.6	12,662.5	7,236.4	145.8	145.2	-78.51	198.3	-3,624.6	367.2	82.1	285.09	1.288 Level 3		
12,900.0	7,310.1	12,762.5	7,237.0	148.5	147.9	-78.53	197.2	-3,724.6	367.2	76.8	290.44	1.264 Level 3		
13,000.0	7,310.5	12,862.5	7,237.6	151.2	150.6	-78.55	196.1	-3,824.6	367.2	71.4	295.80	1.241 Level 2		
13,100.0	7,310.9	12,962.5	7,238.2	153.9	153.4	-78.57	195.0	-3,924.6	367.1	66.0	301.17	1.219 Level 2		
13,200.0	7,311.4	13,062.5	7,238.8	156.6	156.1	-78.59	193.9	-4,024.6	367.1	60.6	306.54	1.198 Level 2		
13,300.0	7,311.8	13,162.5	7,239.3	159.4	158.8	-78.62	192.8	-4,124.6	367.1	55.2	311.92	1.177 Level 2		
13,400.0	7,312.2	13,262.5	7,239.9	162.1	161.5	-78.64	191.7	-4,224.6	367.1	49.8	317.30	1.157 Level 2		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,500.0	7,312.7	13,362.5	7,240.5	164.8	164.3	-78.66	190.6	-4,324.6	367.0	44.3	322.69	1.137	Level 2	
13,600.0	7,313.1	13,462.5	7,241.1	167.6	167.0	-78.68	189.5	-4,424.6	367.0	38.9	328.09	1.119	Level 2	
13,700.0	7,313.5	13,562.5	7,241.7	170.3	169.7	-78.70	188.4	-4,524.6	367.0	33.5	333.49	1.100	Level 2	
13,800.0	7,314.0	13,662.5	7,242.2	173.0	172.5	-78.73	187.3	-4,624.6	366.9	28.0	338.90	1.082	Level 2	
13,900.0	7,314.4	13,762.5	7,242.8	175.8	175.2	-78.75	186.2	-4,724.6	366.9	22.6	344.31	1.066	Level 2	
14,000.0	7,314.8	13,862.5	7,243.4	178.5	178.0	-78.77	185.1	-4,824.6	366.9	17.2	349.73	1.049	Level 2	
14,100.0	7,315.3	13,962.5	7,244.0	181.3	180.7	-78.79	184.0	-4,924.5	366.8	11.7	355.15	1.033	Level 2	
14,200.0	7,315.7	14,062.5	7,244.6	184.0	183.5	-78.82	182.9	-5,024.5	366.8	6.2	360.57	1.017	Level 2	
14,300.0	7,316.2	14,162.5	7,245.1	186.8	186.2	-78.84	181.8	-5,124.5	366.8	0.8	366.00	1.002	Level 2	
14,400.0	7,316.6	14,262.5	7,245.7	189.5	189.0	-78.86	180.8	-5,224.5	366.8	-4.7	371.44	0.987	Level 1	
14,500.0	7,317.0	14,362.5	7,246.3	192.3	191.7	-78.88	179.7	-5,324.5	366.7	-10.1	376.87	0.973	Level 1	
14,600.0	7,317.5	14,462.5	7,246.9	195.0	194.5	-78.90	178.6	-5,424.5	366.7	-15.6	382.32	0.959	Level 1	
14,700.0	7,317.9	14,562.5	7,247.5	197.8	197.2	-78.93	177.5	-5,524.5	366.7	-21.1	387.76	0.946	Level 1	
14,800.0	7,318.3	14,662.5	7,248.0	200.6	200.0	-78.95	176.4	-5,624.5	366.6	-26.6	393.21	0.932	Level 1	
14,900.0	7,318.8	14,762.5	7,248.6	203.3	202.8	-78.97	175.3	-5,724.5	366.6	-32.1	398.66	0.920	Level 1	
15,000.0	7,319.2	14,862.5	7,249.2	206.1	205.5	-78.99	174.2	-5,824.5	366.6	-37.5	404.12	0.907	Level 1	
15,100.0	7,319.6	14,962.5	7,249.8	208.8	208.3	-79.01	173.1	-5,924.5	366.6	-43.0	409.58	0.895	Level 1	
15,200.0	7,320.1	15,062.5	7,250.4	211.6	211.1	-79.04	172.0	-6,024.5	366.5	-48.5	415.04	0.883	Level 1	
15,300.0	7,320.5	15,162.5	7,251.0	214.4	213.8	-79.06	170.9	-6,124.5	366.5	-54.0	420.50	0.872	Level 1	
15,400.0	7,321.0	15,262.5	7,251.5	217.1	216.6	-79.08	169.8	-6,224.4	366.5	-59.5	425.97	0.860	Level 1	
15,500.0	7,321.4	15,362.5	7,252.1	219.9	219.4	-79.10	168.7	-6,324.4	366.4	-65.0	431.44	0.849	Level 1	
15,600.0	7,321.8	15,462.5	7,252.7	222.7	222.1	-79.12	167.6	-6,424.4	366.4	-70.5	436.92	0.839	Level 1	
15,700.0	7,322.3	15,562.5	7,253.3	225.4	224.9	-79.15	166.5	-6,524.4	366.4	-76.0	442.39	0.828	Level 1	
15,800.0	7,322.7	15,662.5	7,253.9	228.2	227.7	-79.17	165.4	-6,624.4	366.4	-81.5	447.87	0.818	Level 1	
15,900.0	7,323.1	15,762.5	7,254.4	231.0	230.4	-79.19	164.3	-6,724.4	366.3	-87.0	453.35	0.808	Level 1	
16,000.0	7,323.6	15,862.5	7,255.0	233.8	233.2	-79.21	163.3	-6,824.4	366.3	-92.5	458.84	0.798	Level 1	
16,100.0	7,324.0	15,962.5	7,255.6	236.5	236.0	-79.24	162.2	-6,924.4	366.3	-98.1	464.32	0.789	Level 1	
16,200.0	7,324.4	16,062.5	7,256.2	239.3	238.8	-79.26	161.1	-7,024.4	366.2	-103.6	469.81	0.780	Level 1	
16,300.0	7,324.9	16,162.5	7,256.8	242.1	241.5	-79.28	160.0	-7,124.4	366.2	-109.1	475.30	0.770	Level 1	
16,400.0	7,325.3	16,262.5	7,257.3	244.9	244.3	-79.30	158.9	-7,224.4	366.2	-114.6	480.80	0.762	Level 1	
16,500.0	7,325.7	16,362.5	7,257.9	247.6	247.1	-79.32	157.8	-7,324.4	366.2	-120.1	486.29	0.753	Level 1	
16,600.0	7,326.2	16,462.5	7,258.5	250.4	249.9	-79.35	156.7	-7,424.4	366.1	-125.7	491.79	0.744	Level 1	
16,700.0	7,326.6	16,562.5	7,259.1	253.2	252.6	-79.37	155.6	-7,524.3	366.1	-131.2	497.29	0.736	Level 1	
16,800.0	7,327.1	16,662.5	7,259.7	256.0	255.4	-79.39	154.5	-7,624.3	366.1	-136.7	502.79	0.728	Level 1	
16,900.0	7,327.5	16,762.5	7,260.2	258.7	258.2	-79.41	153.4	-7,724.3	366.0	-142.3	508.29	0.720	Level 1	
17,000.0	7,327.9	16,862.5	7,260.8	261.5	261.0	-79.43	152.3	-7,824.3	366.0	-147.8	513.80	0.712	Level 1	
17,100.0	7,328.4	16,962.5	7,261.4	264.3	263.8	-79.46	151.2	-7,924.3	366.0	-153.3	519.31	0.705	Level 1	
17,200.0	7,328.8	17,062.5	7,262.0	267.1	266.5	-79.48	150.1	-8,024.3	366.0	-158.9	524.82	0.697	Level 1	
17,300.0	7,329.2	17,162.5	7,262.6	269.9	269.3	-79.50	149.0	-8,124.3	365.9	-164.4	530.33	0.690	Level 1	
17,400.0	7,329.7	17,262.5	7,263.1	272.6	272.1	-79.52	147.9	-8,224.3	365.9	-169.9	535.84	0.683	Level 1	
17,500.0	7,330.1	17,362.5	7,263.7	275.4	274.9	-79.55	146.9	-8,324.3	365.9	-175.5	541.35	0.676	Level 1	
17,600.0	7,330.5	17,462.5	7,264.3	278.2	277.7	-79.57	145.8	-8,424.3	365.8	-181.0	546.87	0.669	Level 1	
17,700.0	7,331.0	17,562.5	7,264.9	281.0	280.5	-79.59	144.7	-8,524.3	365.8	-186.6	552.39	0.662	Level 1	
17,800.0	7,331.4	17,662.5	7,265.5	283.8	283.2	-79.61	143.6	-8,624.3	365.8	-192.1	557.91	0.656	Level 1	
17,900.0	7,331.9	17,762.5	7,266.0	286.6	286.0	-79.63	142.5	-8,724.3	365.8	-197.7	563.43	0.649	Level 1	
18,000.0	7,332.3	17,862.5	7,266.6	289.3	288.8	-79.66	141.4	-8,824.2	365.7	-203.2	568.95	0.643	Level 1	
18,100.0	7,332.7	17,962.5	7,267.2	292.1	291.6	-79.68	140.3	-8,924.2	365.7	-208.8	574.48	0.637	Level 1	
18,200.0	7,333.2	18,062.5	7,267.8	294.9	294.4	-79.70	139.2	-9,024.2	365.7	-214.3	580.00	0.630	Level 1	
18,300.0	7,333.6	18,162.5	7,268.4	297.7	297.2	-79.72	138.1	-9,124.2	365.6	-219.9	585.53	0.624	Level 1	
18,392.8	7,334.0	18,255.3	7,268.9	300.3	299.8	-79.74	137.1	-9,217.0	365.6	-225.0	590.66	0.619	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-44.8	0.0	44.8					
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-44.8	0.0	44.8	44.6	0.22	199.334		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-44.8	0.0	44.8	44.1	0.67	66.445		
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-44.8	0.0	44.8	43.7	1.12	39.867		
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-44.8	0.0	44.8	43.2	1.57	28.476 CC		
500.0	500.0	500.0	499.9	1.0	1.0	178.33	-44.8	1.3	44.8	42.8	2.01	22.307		
600.0	600.0	599.8	599.7	1.2	1.2	173.36	-44.9	5.2	45.2	42.7	2.44	18.488 ES		
700.0	700.0	699.3	699.0	1.5	1.4	165.39	-45.0	11.7	46.5	43.6	2.89	16.112		
800.0	800.0	798.5	797.8	1.7	1.7	155.29	-45.1	20.8	49.7	46.4	3.33	14.912		
900.0	900.0	897.2	895.8	1.9	1.9	74.50	-45.3	32.3	55.4	51.6	3.82	14.521		
1,000.0	999.9	995.7	993.3	2.1	2.2	67.29	-45.5	46.4	63.1	58.8	4.28	14.741		
1,100.0	1,099.7	1,093.9	1,090.1	2.3	2.6	62.13	-45.7	62.8	72.2	67.5	4.76	15.172		
1,200.0	1,199.3	1,191.7	1,186.1	2.6	2.9	58.55	-46.0	81.8	82.4	77.2	5.26	15.666		
1,300.0	1,298.6	1,289.3	1,281.3	2.8	3.4	56.13	-46.3	103.0	93.5	87.7	5.79	16.143		
1,400.0	1,397.5	1,386.5	1,375.6	3.1	3.8	54.56	-46.7	126.7	105.2	98.8	6.35	16.560		
1,500.0	1,496.1	1,483.4	1,469.0	3.4	4.3	53.59	-47.1	152.6	117.5	110.5	6.95	16.894		
1,600.0	1,594.2	1,580.0	1,561.3	3.8	4.9	53.08	-47.5	180.8	130.3	122.7	7.60	17.138		
1,700.0	1,691.7	1,676.2	1,652.6	4.1	5.5	52.90	-48.0	211.2	143.7	135.3	8.31	17.282		
1,800.0	1,788.6	1,772.2	1,742.8	4.6	6.1	52.96	-48.4	243.8	157.5	148.4	9.09	17.334		
1,900.0	1,884.9	1,870.5	1,834.8	5.1	6.8	53.38	-49.0	278.8	171.2	161.3	9.95	17.207		
2,000.0	1,980.4	1,969.7	1,927.5	5.6	7.5	54.38	-49.5	314.1	183.5	172.5	10.92	16.807		
2,100.0	2,075.0	2,069.0	2,020.2	6.2	8.2	55.90	-50.0	349.5	194.3	182.3	12.00	16.196		
2,200.0	2,168.9	2,168.3	2,113.0	6.8	9.0	57.87	-50.5	384.8	203.9	190.7	13.21	15.436		
2,300.0	2,261.7	2,267.5	2,205.7	7.5	9.7	60.26	-51.1	420.1	212.4	197.8	14.57	14.583		
2,400.0	2,353.6	2,366.6	2,298.3	8.3	10.4	63.07	-51.6	455.4	220.1	204.1	16.08	13.690		
2,461.3	2,409.4	2,427.2	2,355.0	8.8	10.9	64.98	-51.9	477.0	224.6	207.5	17.09	13.143		
2,500.0	2,444.5	2,465.5	2,390.7	9.1	11.2	66.26	-52.1	490.6	227.4	209.6	17.75	12.812		
2,600.0	2,535.2	2,564.4	2,483.1	9.9	11.9	69.41	-52.6	525.8	235.2	215.7	19.49	12.069		
2,700.0	2,625.9	2,663.2	2,575.5	10.7	12.7	72.35	-53.2	561.1	243.6	222.4	21.25	11.464		
2,800.0	2,716.6	2,762.1	2,667.9	11.6	13.4	75.09	-53.7	596.3	252.7	229.7	23.03	10.971		
2,900.0	2,807.3	2,861.0	2,760.3	12.5	14.1	77.64	-54.2	631.5	262.3	237.5	24.82	10.568		
3,000.0	2,898.0	2,959.9	2,852.7	13.3	14.9	80.01	-54.7	666.7	272.4	245.8	26.61	10.238		
3,100.0	2,988.7	3,058.7	2,945.1	14.2	15.6	82.20	-55.3	701.9	282.9	254.5	28.38	9.968		
3,200.0	3,079.3	3,157.6	3,037.5	15.1	16.4	84.24	-55.8	737.1	293.8	263.7	30.15	9.745		
3,300.0	3,170.0	3,256.5	3,129.9	15.9	17.1	86.13	-56.3	772.3	305.1	273.2	31.90	9.562		
3,400.0	3,260.7	3,355.3	3,222.2	16.8	17.9	87.89	-56.8	807.5	316.6	283.0	33.65	9.411		
3,500.0	3,351.4	3,454.2	3,314.6	17.7	18.6	89.52	-57.4	842.7	328.5	293.1	35.37	9.286		
3,600.0	3,442.1	3,553.1	3,407.0	18.6	19.4	91.04	-57.9	877.9	340.5	303.5	37.08	9.183		
3,700.0	3,532.8	3,652.0	3,499.4	19.4	20.1	92.45	-58.4	913.1	352.8	314.1	38.78	9.098		
3,800.0	3,623.5	3,750.8	3,591.8	20.3	20.9	93.77	-58.9	948.3	365.3	324.9	40.47	9.028		
3,900.0	3,714.2	3,849.7	3,684.2	21.2	21.6	95.00	-59.5	983.6	378.0	335.9	42.14	8.971		
4,000.0	3,804.9	3,948.6	3,776.6	22.1	22.4	96.16	-60.0	1,018.8	390.9	347.1	43.80	8.924		
4,100.0	3,895.6	4,047.5	3,869.0	23.0	23.1	97.23	-60.5	1,054.0	403.9	358.4	45.45	8.886		
4,200.0	3,986.2	4,146.3	3,961.4	23.9	23.9	98.25	-61.0	1,089.2	417.0	369.9	47.09	8.855		
4,300.0	4,076.9	4,245.2	4,053.8	24.8	24.6	99.20	-61.6	1,124.4	430.2	381.5	48.72	8.831		
4,400.0	4,167.6	4,344.1	4,146.2	25.7	25.4	100.09	-62.1	1,159.6	443.6	393.2	50.33	8.812		
4,500.0	4,258.3	4,443.0	4,238.5	26.6	26.1	100.93	-62.6	1,194.8	457.0	405.1	51.95	8.798		
4,600.0	4,349.0	4,541.8	4,330.9	27.4	26.9	101.72	-63.1	1,230.0	470.6	417.0	53.55	8.787		
4,700.0	4,439.7	4,640.7	4,423.3	28.3	27.7	102.47	-63.7	1,265.2	484.2	429.0	55.14	8.780		
4,800.0	4,530.4	4,739.6	4,515.7	29.2	28.4	103.18	-64.2	1,300.4	497.9	441.1	56.73	8.776		
4,900.0	4,621.1	4,838.5	4,608.1	30.1	29.2	103.85	-64.7	1,335.6	511.7	453.3	58.32	8.774		
5,000.0	4,711.8	4,937.3	4,700.5	31.0	29.9	104.48	-65.2	1,370.8	525.5	465.6	59.89	8.774		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design		G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-17)										Offset Site Error:		0.0 ft	
Survey Program: 0-MWD												Offset Well Error:		0.0 ft	
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
5,100.0	4,802.4	5,036.2	4,792.9	31.9	30.7	105.09	-65.8	1,406.1	539.4	477.9	61.46	8.776			
5,200.0	4,893.1	5,135.1	4,885.3	32.8	31.4	105.66	-66.3	1,441.3	553.3	490.3	63.03	8.779			
5,300.0	4,983.8	5,234.0	4,977.7	33.7	32.2	106.20	-66.8	1,476.5	567.4	502.8	64.59	8.784			
5,400.0	5,074.5	5,332.8	5,070.1	34.6	32.9	106.72	-67.3	1,511.7	581.4	515.3	66.15	8.789			
5,500.0	5,165.2	5,431.7	5,162.5	35.5	33.7	107.21	-67.9	1,546.9	595.5	527.8	67.70	8.796			
5,530.6	5,192.9	5,461.9	5,190.7	35.8	33.9	107.36	-68.0	1,557.6	599.8	531.6	68.18	8.798			
5,600.0	5,256.2	5,530.6	5,254.9	36.3	34.4	107.79	-68.4	1,582.1	609.4	540.2	69.20	8.806			
5,700.0	5,348.6	5,629.8	5,347.6	37.0	35.2	108.12	-68.9	1,617.4	622.3	551.7	70.58	8.816			
5,800.0	5,442.3	5,729.2	5,440.7	37.6	35.9	108.19	-69.4	1,652.1	634.1	562.2	71.85	8.825			
5,900.0	5,537.1	5,828.8	5,535.1	38.1	36.4	108.24	-69.9	1,683.8	644.8	571.9	72.94	8.840			
6,000.0	5,632.9	5,928.6	5,630.7	38.6	36.9	108.29	-70.3	1,712.3	654.4	580.5	73.92	8.853			
6,100.0	5,729.7	6,028.5	5,727.5	39.0	37.3	108.33	-70.7	1,737.4	662.9	588.1	74.79	8.863			
6,200.0	5,827.3	6,128.6	5,825.1	39.4	37.7	108.36	-71.0	1,759.2	670.2	594.6	75.55	8.871			
6,300.0	5,925.6	6,228.8	5,923.6	39.7	38.0	108.39	-71.3	1,777.6	676.4	600.2	76.20	8.876			
6,400.0	6,024.5	6,329.1	6,022.8	40.0	38.3	108.42	-71.5	1,792.6	681.4	604.6	76.75	8.878			
6,500.0	6,123.9	6,429.5	6,122.5	40.2	38.5	108.44	-71.7	1,804.0	685.2	608.0	77.18	8.878			
6,600.0	6,223.6	6,530.0	6,222.7	40.4	38.7	108.45	-71.8	1,812.0	687.9	610.4	77.52	8.873			
6,700.0	6,323.5	6,630.4	6,323.1	40.5	38.8	108.46	-71.9	1,816.5	689.4	611.6	77.76	8.865			
6,776.5	6,400.0	6,707.4	6,400.0	40.6	38.9	179.64	-71.9	1,817.5	689.7	649.7	40.03	17.230			
6,800.0	6,423.5	6,730.8	6,423.5	40.6	38.9	179.64	-71.9	1,817.5	689.7	649.6	40.09	17.203			
6,900.0	6,523.5	6,830.8	6,523.5	40.7	39.0	179.64	-71.9	1,817.5	689.7	649.4	40.37	17.086			
6,949.6	6,573.1	6,880.4	6,573.1	40.7	39.0	179.64	-71.9	1,817.5	689.7	649.2	40.50	17.028			
7,000.0	6,623.4	6,930.6	6,623.2	40.7	39.0	-89.72	-71.9	1,815.8	689.7	611.5	78.17	8.823			
7,050.0	6,673.1	6,980.4	6,672.7	40.7	39.0	-89.73	-72.0	1,810.6	689.7	611.6	78.12	8.829			
7,100.0	6,722.3	7,030.2	6,721.7	40.6	38.9	-89.73	-72.1	1,801.9	689.7	611.7	78.00	8.843			
7,150.0	6,770.8	7,079.9	6,770.0	40.6	38.8	-89.74	-72.2	1,789.9	689.7	611.9	77.82	8.863			
7,200.0	6,818.4	7,129.7	6,817.3	40.4	38.7	-89.74	-72.4	1,774.6	689.7	612.1	77.59	8.890			
7,250.0	6,864.7	7,179.5	6,863.5	40.3	38.6	-89.75	-72.6	1,756.0	689.7	612.4	77.32	8.921			
7,300.0	6,909.6	7,229.3	6,908.3	40.2	38.4	-89.76	-72.8	1,734.2	689.7	612.7	77.02	8.955			
7,350.0	6,952.9	7,279.1	6,951.5	40.0	38.3	-89.77	-73.1	1,709.4	689.7	613.0	76.71	8.991			
7,400.0	6,994.3	7,328.9	6,992.8	39.8	38.1	-89.78	-73.4	1,681.6	689.7	613.3	76.39	9.029			
7,450.0	7,033.7	7,378.8	7,032.1	39.7	38.0	-89.79	-73.7	1,651.1	689.7	613.6	76.08	9.065			
7,500.0	7,070.8	7,428.6	7,069.2	39.5	37.8	-89.81	-74.1	1,617.8	689.7	613.9	75.80	9.099			
7,550.0	7,105.5	7,478.4	7,103.9	39.4	37.7	-89.82	-74.5	1,582.0	689.7	614.2	75.55	9.129			
7,600.0	7,137.6	7,528.3	7,136.1	39.3	37.6	-89.84	-74.9	1,543.9	689.7	614.4	75.34	9.154			
7,650.0	7,167.0	7,578.2	7,165.5	39.2	37.5	-89.85	-75.4	1,503.7	689.7	614.5	75.19	9.172			
7,700.0	7,193.4	7,628.0	7,192.0	39.1	37.5	-89.87	-75.8	1,461.5	689.7	614.6	75.11	9.182			
7,750.0	7,216.8	7,677.9	7,215.6	39.1	37.5	-89.88	-76.3	1,417.5	689.7	614.6	75.10	9.183			
7,800.0	7,237.1	7,727.9	7,236.0	39.1	37.5	-89.90	-76.8	1,372.0	689.7	614.5	75.18	9.174			
7,850.0	7,254.2	7,777.8	7,253.3	39.2	37.6	-89.92	-77.3	1,325.1	689.7	614.3	75.34	9.154			
7,900.0	7,267.9	7,827.7	7,267.2	39.3	37.7	-89.94	-77.9	1,277.2	689.7	614.1	75.59	9.124			
7,950.0	7,278.3	7,877.7	7,277.7	39.4	37.8	-89.95	-78.4	1,228.4	689.7	613.7	75.93	9.083			
8,000.0	7,285.2	7,927.6	7,284.8	39.5	38.0	-89.97	-78.9	1,178.9	689.7	613.3	76.34	9.034			
8,050.0	7,288.6	7,977.6	7,288.5	39.7	38.3	-89.99	-79.5	1,129.1	689.7	612.8	76.84	8.976			
8,071.1	7,289.0	7,998.7	7,289.0	39.8	38.4	-90.00	-79.7	1,108.0	689.7	612.6	77.06	8.949			
8,071.2	7,289.0	7,998.8	7,289.0	39.8	38.4	-90.00	-79.7	1,107.9	689.7	612.6	77.06	8.949			
8,071.9	7,289.0	7,999.5	7,289.0	39.8	38.4	-90.00	-79.7	1,107.2	689.7	612.6	77.07	8.948			
8,072.5	7,289.0	8,000.1	7,289.0	39.8	38.4	-90.00	-79.7	1,106.6	689.7	612.6	77.08	8.948			
8,100.0	7,289.1	8,027.6	7,289.1	40.0	38.6	-90.00	-80.0	1,079.1	689.7	612.2	77.42	8.908			
8,200.0	7,289.6	8,127.6	7,289.5	40.6	39.3	-90.00	-81.1	979.1	689.7	610.8	78.83	8.748			
8,300.0	7,290.0	8,227.6	7,290.0	41.4	40.1	-90.00	-82.2	879.1	689.7	609.1	80.62	8.555			
8,400.0	7,290.4	8,327.6	7,290.4	42.3	41.2	-90.00	-83.3	779.1	689.7	606.9	82.74	8.336			

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,500.0	7,290.9	8,427.6	7,290.9	43.4	42.4	-90.00	-84.4	679.1	689.7	604.5	85.18	8.096		
8,600.0	7,291.3	8,527.6	7,291.3	44.7	43.7	-90.00	-85.5	579.1	689.7	601.8	87.92	7.845		
8,700.0	7,291.7	8,627.6	7,291.7	46.1	45.2	-90.00	-86.6	479.1	689.7	598.8	90.92	7.586		
8,800.0	7,292.2	8,727.6	7,292.2	47.7	46.8	-90.00	-87.7	379.2	689.7	595.5	94.16	7.325		
8,900.0	7,292.6	8,827.6	7,292.6	49.4	48.6	-90.00	-88.8	279.2	689.7	592.1	97.62	7.065		
9,000.0	7,293.0	8,927.6	7,293.0	51.1	50.4	-90.00	-89.9	179.2	689.7	588.4	101.27	6.811		
9,100.0	7,293.5	9,027.6	7,293.5	53.0	52.3	-90.00	-91.0	79.2	689.7	584.6	105.09	6.563		
9,200.0	7,293.9	9,127.6	7,293.9	55.0	54.3	-90.00	-92.1	-20.8	689.7	580.7	109.07	6.324		
9,300.0	7,294.4	9,227.6	7,294.3	57.0	56.3	-90.00	-93.2	-120.8	689.7	576.5	113.19	6.093		
9,400.0	7,294.8	9,327.6	7,294.8	59.1	58.4	-90.00	-94.3	-220.8	689.7	572.3	117.44	5.873		
9,500.0	7,295.2	9,427.6	7,295.2	61.3	60.6	-90.00	-95.4	-320.8	689.7	568.0	121.79	5.663		
9,600.0	7,295.7	9,527.6	7,295.7	63.5	62.8	-90.00	-96.5	-420.8	689.7	563.5	126.25	5.463		
9,700.0	7,296.1	9,627.6	7,296.1	65.7	65.1	-90.00	-97.6	-520.8	689.8	559.0	130.79	5.274		
9,800.0	7,296.5	9,727.6	7,296.5	68.0	67.4	-90.00	-98.7	-620.8	689.8	554.3	135.42	5.094		
9,900.0	7,297.0	9,827.6	7,297.0	70.4	69.8	-90.00	-99.8	-720.8	689.8	549.6	140.12	4.923		
10,000.0	7,297.4	9,927.6	7,297.4	72.8	72.2	-90.00	-100.9	-820.8	689.8	544.9	144.88	4.761		
10,100.0	7,297.8	10,027.6	7,297.8	75.2	74.6	-90.00	-102.0	-920.8	689.8	540.1	149.70	4.608		
10,200.0	7,298.3	10,127.6	7,298.3	77.6	77.0	-90.00	-103.1	-1,020.8	689.8	535.2	154.58	4.462		
10,300.0	7,298.7	10,227.6	7,298.7	80.1	79.5	-90.00	-104.2	-1,120.7	689.8	530.3	159.51	4.324		
10,400.0	7,299.2	10,327.6	7,299.1	82.5	82.0	-90.00	-105.3	-1,220.7	689.8	525.3	164.48	4.194		
10,500.0	7,299.6	10,427.6	7,299.6	85.0	84.5	-90.00	-106.4	-1,320.7	689.8	520.3	169.49	4.070		
10,600.0	7,300.0	10,527.6	7,300.0	87.6	87.0	-90.00	-107.5	-1,420.7	689.8	515.3	174.54	3.952		
10,700.0	7,300.5	10,627.6	7,300.4	90.1	89.5	-90.00	-108.6	-1,520.7	689.8	510.2	179.62	3.840		
10,800.0	7,300.9	10,727.6	7,300.9	92.7	92.1	-90.00	-109.7	-1,620.7	689.8	505.1	184.73	3.734		
10,900.0	7,301.3	10,827.6	7,301.3	95.2	94.6	-90.00	-110.8	-1,720.7	689.8	499.9	189.87	3.633		
11,000.0	7,301.8	10,927.6	7,301.8	97.8	97.2	-90.00	-111.9	-1,820.7	689.8	494.8	195.04	3.537		
11,100.0	7,302.2	11,027.6	7,302.2	100.4	99.8	-90.00	-113.0	-1,920.7	689.8	489.6	200.23	3.445		
11,200.0	7,302.6	11,127.6	7,302.6	103.0	102.4	-90.00	-114.1	-2,020.7	689.8	484.4	205.45	3.358		
11,300.0	7,303.1	11,227.6	7,303.1	105.6	105.1	-90.00	-115.2	-2,120.7	689.8	479.1	210.68	3.274		
11,400.0	7,303.5	11,327.6	7,303.5	108.3	107.7	-90.00	-116.3	-2,220.7	689.8	473.9	215.94	3.195		
11,500.0	7,303.9	11,427.6	7,303.9	110.9	110.3	-90.00	-117.4	-2,320.7	689.8	468.6	221.21	3.118		
11,600.0	7,304.4	11,527.6	7,304.4	113.5	113.0	-90.00	-118.5	-2,420.7	689.8	463.3	226.50	3.046		
11,700.0	7,304.8	11,627.6	7,304.8	116.2	115.6	-90.00	-119.6	-2,520.7	689.8	458.0	231.81	2.976		
11,800.0	7,305.3	11,727.6	7,305.2	118.9	118.3	-90.00	-120.7	-2,620.6	689.8	452.7	237.13	2.909		
11,900.0	7,305.7	11,827.6	7,305.7	121.5	120.9	-90.00	-121.8	-2,720.6	689.9	447.4	242.46	2.845		
12,000.0	7,306.1	11,927.6	7,306.1	124.2	123.6	-90.00	-122.9	-2,820.6	689.9	442.1	247.81	2.784		
12,100.0	7,306.6	12,027.6	7,306.5	126.9	126.3	-90.00	-124.0	-2,920.6	689.9	436.7	253.16	2.725		
12,200.0	7,307.0	12,127.6	7,307.0	129.6	129.0	-90.00	-125.1	-3,020.6	689.9	431.3	258.53	2.668		
12,300.0	7,307.4	12,227.6	7,307.4	132.2	131.7	-90.00	-126.2	-3,120.6	689.9	426.0	263.91	2.614		
12,400.0	7,307.9	12,327.6	7,307.8	134.9	134.4	-90.00	-127.3	-3,220.6	689.9	420.6	269.30	2.562		
12,500.0	7,308.3	12,427.6	7,308.3	137.6	137.1	-90.00	-128.4	-3,320.6	689.9	415.2	274.70	2.511		
12,600.0	7,308.7	12,527.6	7,308.7	140.3	139.8	-90.00	-129.5	-3,420.6	689.9	409.8	280.11	2.463		
12,700.0	7,309.2	12,627.6	7,309.2	143.0	142.5	-90.00	-130.6	-3,520.6	689.9	404.4	285.52	2.416		
12,800.0	7,309.6	12,727.6	7,309.6	145.8	145.2	-90.00	-131.7	-3,620.6	689.9	398.9	290.94	2.371		
12,900.0	7,310.1	12,827.6	7,310.0	148.5	147.9	-90.00	-132.8	-3,720.6	689.9	393.5	296.37	2.328		
13,000.0	7,310.5	12,927.6	7,310.5	151.2	150.6	-90.00	-133.9	-3,820.6	689.9	388.1	301.81	2.286		
13,100.0	7,310.9	13,027.6	7,310.9	153.9	153.3	-90.00	-135.0	-3,920.6	689.9	382.6	307.25	2.245		
13,200.0	7,311.4	13,127.6	7,311.3	156.6	156.1	-90.00	-136.1	-4,020.5	689.9	377.2	312.70	2.206		
13,300.0	7,311.8	13,227.6	7,311.8	159.4	158.8	-90.00	-137.2	-4,120.5	689.9	371.7	318.16	2.168		
13,400.0	7,312.2	13,327.6	7,312.2	162.1	161.5	-90.00	-138.3	-4,220.5	689.9	366.3	323.62	2.132		
13,500.0	7,312.7	13,427.6	7,312.6	164.8	164.3	-90.00	-139.4	-4,320.5	689.9	360.8	329.09	2.096		
13,600.0	7,313.1	13,527.6	7,313.1	167.6	167.0	-90.00	-140.5	-4,420.5	689.9	355.4	334.56	2.062		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
13,700.0	7,313.5	13,627.6	7,313.5	170.3	169.7	-90.00	-141.6	-4,520.5	689.9	349.9	340.04	2.029	
13,800.0	7,314.0	13,727.6	7,313.9	173.0	172.5	-90.00	-142.7	-4,620.5	689.9	344.4	345.52	1.997	
13,900.0	7,314.4	13,827.6	7,314.4	175.8	175.2	-90.00	-143.8	-4,720.5	689.9	338.9	351.00	1.966	
14,000.0	7,314.8	13,927.6	7,314.8	178.5	178.0	-90.00	-144.9	-4,820.5	689.9	333.4	356.49	1.935	
14,100.0	7,315.3	14,027.6	7,315.2	181.3	180.7	-90.00	-146.0	-4,920.5	689.9	328.0	361.99	1.906	
14,200.0	7,315.7	14,127.6	7,315.7	184.0	183.5	-90.00	-147.1	-5,020.5	689.9	322.5	367.48	1.877	
14,300.0	7,316.2	14,227.6	7,316.1	186.8	186.2	-90.00	-148.2	-5,120.5	689.9	317.0	372.99	1.850	
14,400.0	7,316.6	14,327.6	7,316.5	189.5	189.0	-90.00	-149.3	-5,220.5	690.0	311.5	378.49	1.823	
14,500.0	7,317.0	14,427.6	7,317.0	192.3	191.7	-90.00	-150.4	-5,320.5	690.0	306.0	384.00	1.797	
14,600.0	7,317.5	14,527.6	7,317.4	195.0	194.5	-90.00	-151.5	-5,420.5	690.0	300.4	389.51	1.771	
14,700.0	7,317.9	14,627.6	7,317.8	197.8	197.2	-90.00	-152.6	-5,520.4	690.0	294.9	395.02	1.747	
14,800.0	7,318.3	14,727.6	7,318.3	200.6	200.0	-90.00	-153.7	-5,620.4	690.0	289.4	400.54	1.723	
14,900.0	7,318.8	14,827.6	7,318.7	203.3	202.7	-89.99	-154.8	-5,720.4	690.0	283.9	406.06	1.699	
15,000.0	7,319.2	14,927.6	7,319.1	206.1	205.5	-89.99	-155.9	-5,820.4	690.0	278.4	411.58	1.676	
15,100.0	7,319.6	15,027.6	7,319.6	208.8	208.3	-89.99	-157.0	-5,920.4	690.0	272.9	417.11	1.654	
15,200.0	7,320.1	15,127.6	7,320.0	211.6	211.0	-89.99	-158.1	-6,020.4	690.0	267.3	422.64	1.633	
15,300.0	7,320.5	15,227.6	7,320.4	214.4	213.8	-89.99	-159.2	-6,120.4	690.0	261.8	428.17	1.611	
15,400.0	7,321.0	15,327.6	7,320.9	217.1	216.6	-89.99	-160.3	-6,220.4	690.0	256.3	433.70	1.591	
15,500.0	7,321.4	15,427.6	7,321.3	219.9	219.3	-89.99	-161.4	-6,320.4	690.0	250.8	439.23	1.571	
15,600.0	7,321.8	15,527.6	7,321.8	222.7	222.1	-89.99	-162.5	-6,420.4	690.0	245.2	444.77	1.551	
15,700.0	7,322.3	15,627.6	7,322.2	225.4	224.9	-89.99	-163.6	-6,520.4	690.0	239.7	450.31	1.532	
15,800.0	7,322.7	15,727.6	7,322.6	228.2	227.6	-89.99	-164.7	-6,620.4	690.0	234.1	455.85	1.514	
15,900.0	7,323.1	15,827.6	7,323.1	231.0	230.4	-89.99	-165.8	-6,720.4	690.0	228.6	461.39	1.495	Level 3
16,000.0	7,323.6	15,927.6	7,323.5	233.8	233.2	-89.99	-166.9	-6,820.4	690.0	223.1	466.94	1.478	Level 3
16,100.0	7,324.0	16,027.6	7,323.9	236.5	236.0	-89.99	-168.0	-6,920.4	690.0	217.5	472.48	1.460	Level 3
16,200.0	7,324.4	16,127.6	7,324.4	239.3	238.7	-89.99	-169.1	-7,020.3	690.0	212.0	478.03	1.443	Level 3
16,300.0	7,324.9	16,227.6	7,324.8	242.1	241.5	-89.99	-170.2	-7,120.3	690.0	206.4	483.58	1.427	Level 3
16,400.0	7,325.3	16,327.6	7,325.2	244.9	244.3	-89.99	-171.3	-7,220.3	690.0	200.9	489.13	1.411	Level 3
16,500.0	7,325.7	16,427.6	7,325.7	247.6	247.1	-89.99	-172.4	-7,320.3	690.0	195.3	494.68	1.395	Level 3
16,600.0	7,326.2	16,527.6	7,326.1	250.4	249.8	-89.99	-173.5	-7,420.3	690.0	189.8	500.24	1.379	Level 3
16,700.0	7,326.6	16,627.6	7,326.5	253.2	252.6	-89.99	-174.6	-7,520.3	690.0	184.2	505.79	1.364	Level 3
16,800.0	7,327.1	16,727.6	7,327.0	256.0	255.4	-89.99	-175.7	-7,620.3	690.0	178.7	511.35	1.349	Level 3
16,900.0	7,327.5	16,827.6	7,327.4	258.7	258.2	-89.99	-176.8	-7,720.3	690.0	173.1	516.91	1.335	Level 3
17,000.0	7,327.9	16,927.6	7,327.8	261.5	261.0	-89.99	-177.9	-7,820.3	690.0	167.6	522.47	1.321	Level 3
17,100.0	7,328.4	17,027.6	7,328.3	264.3	263.7	-89.99	-179.0	-7,920.3	690.0	162.0	528.03	1.307	Level 3
17,200.0	7,328.8	17,127.6	7,328.7	267.1	266.5	-89.99	-180.1	-8,020.3	690.0	156.4	533.59	1.293	Level 3
17,300.0	7,329.2	17,227.6	7,329.1	269.9	269.3	-89.99	-181.2	-8,120.3	690.0	150.9	539.15	1.280	Level 3
17,400.0	7,329.7	17,327.6	7,329.6	272.6	272.1	-89.99	-182.3	-8,220.3	690.0	145.3	544.72	1.267	Level 3
17,500.0	7,330.1	17,427.6	7,330.0	275.4	274.9	-89.99	-183.4	-8,320.3	690.0	139.8	550.28	1.254	Level 3
17,600.0	7,330.5	17,527.6	7,330.4	278.2	277.6	-89.99	-184.5	-8,420.3	690.0	134.2	555.85	1.241	Level 2
17,700.0	7,331.0	17,627.6	7,330.9	281.0	280.4	-89.99	-185.6	-8,520.2	690.0	128.6	561.42	1.229	Level 2
17,800.0	7,331.4	17,727.6	7,331.3	283.8	283.2	-89.99	-186.7	-8,620.2	690.1	123.1	566.99	1.217	Level 2
17,900.0	7,331.9	17,827.6	7,331.7	286.6	286.0	-89.99	-187.8	-8,720.2	690.1	117.5	572.56	1.205	Level 2
18,000.0	7,332.3	17,927.6	7,332.2	289.3	288.8	-89.99	-188.9	-8,820.2	690.1	111.9	578.13	1.194	Level 2
18,100.0	7,332.7	18,027.6	7,332.6	292.1	291.6	-89.99	-190.0	-8,920.2	690.1	106.4	583.70	1.182	Level 2
18,200.0	7,333.2	18,127.6	7,333.0	294.9	294.4	-89.99	-191.1	-9,020.2	690.1	100.8	589.27	1.171	Level 2
18,300.0	7,333.6	18,227.6	7,333.5	297.7	297.1	-89.99	-192.2	-9,120.2	690.1	95.2	594.84	1.160	Level 2
18,392.8	7,334.0	18,320.5	7,333.9	300.3	299.7	-89.99	-193.2	-9,213.0	690.1	90.0	600.02	1.150	Level 2, SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-59.7	0.0	59.7					
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-59.7	0.0	59.7	59.5	0.22	265.790		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-59.7	0.0	59.7	59.1	0.67	88.597		
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-59.7	0.0	59.7	58.6	1.12	53.158		
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-59.7	0.0	59.7	58.2	1.57	37.970		
500.0	500.0	500.0	500.0	1.0	1.0	-180.00	-59.7	0.0	59.7	57.7	2.02	29.532		
600.0	600.0	600.0	600.0	1.2	1.2	-180.00	-59.7	0.0	59.7	57.3	2.47	24.163 CC		
700.0	700.0	699.8	699.8	1.5	1.4	178.76	-59.9	1.3	59.9	57.0	2.91	20.598 ES		
800.0	800.0	799.5	799.4	1.7	1.7	175.08	-60.2	5.2	60.5	57.1	3.33	18.133		
900.0	900.0	899.0	898.7	1.9	1.9	99.15	-60.9	11.6	62.2	58.4	3.77	16.496		
1,000.0	999.9	998.4	997.6	2.1	2.1	94.80	-61.8	20.7	65.4	61.2	4.21	15.519		
1,100.0	1,099.7	1,097.5	1,096.1	2.3	2.4	91.05	-62.9	32.2	70.0	65.3	4.68	14.947		
1,200.0	1,199.3	1,196.5	1,194.0	2.6	2.6	87.98	-64.2	46.3	75.9	70.8	5.19	14.639		
1,300.0	1,298.6	1,295.2	1,291.4	2.8	3.0	85.56	-65.9	62.8	83.1	77.3	5.73	14.494		
1,400.0	1,397.5	1,393.7	1,388.0	3.1	3.3	83.73	-67.7	81.8	91.4	85.0	6.33	14.440		
1,500.0	1,496.1	1,492.0	1,483.9	3.4	3.7	82.41	-69.8	103.2	100.7	93.7	6.98	14.428		
1,600.0	1,594.2	1,590.0	1,579.0	3.8	4.2	81.49	-72.1	127.0	111.1	103.4	7.70	14.424		
1,700.0	1,691.7	1,687.8	1,673.1	4.1	4.7	80.90	-74.6	153.1	122.4	113.9	8.50	14.408		
1,800.0	1,788.6	1,785.2	1,766.3	4.6	5.2	80.55	-77.4	181.6	134.7	125.4	9.38	14.369		
1,900.0	1,884.9	1,882.4	1,858.4	5.1	5.8	80.40	-80.4	212.2	148.0	137.7	10.35	14.303		
2,000.0	1,980.4	1,979.2	1,949.5	5.6	6.4	80.38	-83.6	245.2	162.2	150.8	11.41	14.212		
2,100.0	2,075.0	2,076.7	2,040.3	6.2	7.1	80.53	-87.0	280.4	177.2	164.6	12.58	14.088		
2,200.0	2,168.9	2,175.5	2,132.2	6.8	7.8	81.28	-90.5	316.6	192.1	178.2	13.86	13.857		
2,300.0	2,261.7	2,274.3	2,224.0	7.5	8.6	82.62	-94.1	352.8	206.7	191.4	15.25	13.550		
2,400.0	2,353.6	2,373.0	2,315.8	8.3	9.3	84.43	-97.6	388.9	221.1	204.4	16.75	13.202		
2,461.3	2,409.4	2,433.4	2,371.9	8.8	9.8	85.74	-99.7	411.0	230.0	212.3	17.72	12.983		
2,500.0	2,444.5	2,471.5	2,407.4	9.1	10.1	86.66	-101.1	424.9	235.7	217.3	18.34	12.849		
2,600.0	2,535.2	2,569.9	2,498.9	9.9	10.8	88.86	-104.6	461.0	250.6	230.6	19.97	12.548		
2,700.0	2,625.9	2,668.4	2,590.4	10.7	11.6	90.82	-108.1	497.0	265.8	244.2	21.60	12.303		
2,800.0	2,716.6	2,766.8	2,682.0	11.6	12.3	92.56	-111.6	533.1	281.3	258.0	23.24	12.103		
2,900.0	2,807.3	2,865.3	2,773.5	12.5	13.1	94.12	-115.1	569.1	297.0	272.1	24.88	11.939		
3,000.0	2,898.0	2,963.7	2,865.1	13.3	13.9	95.52	-118.6	605.1	312.9	286.4	26.51	11.802		
3,100.0	2,988.7	3,062.2	2,956.6	14.2	14.6	96.79	-122.1	641.2	329.0	300.8	28.15	11.689		
3,200.0	3,079.3	3,160.6	3,048.2	15.1	15.4	97.94	-125.6	677.2	345.2	315.4	29.78	11.593		
3,300.0	3,170.0	3,259.1	3,139.7	15.9	16.2	98.99	-129.1	713.3	361.5	330.1	31.40	11.513		
3,400.0	3,260.7	3,357.5	3,231.3	16.8	16.9	99.94	-132.6	749.3	378.0	345.0	33.03	11.445		
3,500.0	3,351.4	3,456.0	3,322.8	17.7	17.7	100.82	-136.2	785.3	394.5	359.9	34.65	11.386		
3,600.0	3,442.1	3,554.4	3,414.4	18.6	18.5	101.62	-139.7	821.4	411.2	374.9	36.27	11.337		
3,700.0	3,532.8	3,652.9	3,505.9	19.4	19.2	102.37	-143.2	857.4	427.9	390.0	37.88	11.294		
3,800.0	3,623.5	3,751.3	3,597.5	20.3	20.0	103.05	-146.7	893.5	444.6	405.1	39.50	11.257		
3,900.0	3,714.2	3,849.8	3,689.0	21.2	20.8	103.69	-150.2	929.5	461.5	420.4	41.11	11.225		
4,000.0	3,804.9	3,948.2	3,780.6	22.1	21.6	104.29	-153.7	965.5	478.3	435.6	42.72	11.198		
4,100.0	3,895.6	4,046.7	3,872.1	23.0	22.3	104.84	-157.2	1,001.6	495.3	450.9	44.32	11.174		
4,200.0	3,986.2	4,145.1	3,963.7	23.9	23.1	105.35	-160.7	1,037.6	512.2	466.3	45.93	11.153		
4,300.0	4,076.9	4,243.6	4,055.2	24.8	23.9	105.84	-164.2	1,073.7	529.2	481.7	47.53	11.134		
4,400.0	4,167.6	4,342.0	4,146.8	25.7	24.7	106.29	-167.7	1,109.7	546.3	497.1	49.13	11.118		
4,500.0	4,258.3	4,440.5	4,238.3	26.6	25.4	106.71	-171.2	1,145.8	563.3	512.6	50.73	11.104		
4,600.0	4,349.0	4,538.9	4,329.9	27.4	26.2	107.11	-174.7	1,181.8	580.4	528.1	52.33	11.092		
4,700.0	4,439.7	4,637.3	4,421.4	28.3	27.0	107.49	-178.2	1,217.8	597.5	543.6	53.92	11.081		
4,800.0	4,530.4	4,735.8	4,512.9	29.2	27.8	107.85	-181.7	1,253.9	614.7	559.2	55.52	11.072		
4,900.0	4,621.1	4,834.2	4,604.5	30.1	28.5	108.19	-185.2	1,289.9	631.9	574.7	57.11	11.064		
5,000.0	4,711.8	4,932.7	4,696.0	31.0	29.3	108.51	-188.8	1,326.0	649.0	590.3	58.70	11.056		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-17)												Offset Well Error:	0.0 ft
Survey Program: 0-MWD													
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.0	4,802.4	5,031.1	4,787.6	31.9	30.1	108.81	-192.3	1,362.0	666.2	605.9	60.30	11.050	
5,200.0	4,893.1	5,129.6	4,879.1	32.8	30.9	109.10	-195.8	1,398.0	683.5	621.6	61.89	11.044	
5,300.0	4,983.8	5,228.0	4,970.7	33.7	31.7	109.37	-199.3	1,434.1	700.7	637.2	63.47	11.039	
5,400.0	5,074.5	5,326.5	5,062.2	34.6	32.4	109.63	-202.8	1,470.1	718.0	652.9	65.06	11.035	
5,500.0	5,165.2	5,424.9	5,153.8	35.5	33.2	109.88	-206.3	1,506.2	735.2	668.6	66.65	11.031	
5,530.6	5,192.9	5,455.0	5,181.8	35.8	33.5	109.95	-207.4	1,517.2	740.5	673.4	67.14	11.030	
5,600.0	5,256.2	5,523.5	5,245.4	36.3	34.0	110.28	-209.8	1,542.2	752.2	684.0	68.19	11.031	
5,700.0	5,348.6	5,622.2	5,337.2	37.0	34.8	110.51	-213.3	1,578.4	768.1	698.5	69.62	11.033	
5,800.0	5,442.3	5,721.0	5,429.1	37.6	35.6	110.48	-216.8	1,614.6	782.7	711.7	71.02	11.021	
5,900.0	5,537.1	5,821.0	5,522.5	38.1	36.2	110.28	-220.3	1,650.1	796.2	723.9	72.30	11.012 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-74.7	0.0	74.7					
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-74.7	0.0	74.7	74.5	0.22	332.247		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-74.7	0.0	74.7	74.0	0.67	110.749 CC		
300.0	300.0	299.6	299.6	0.6	0.5	179.02	-74.9	1.3	74.9	73.8	1.11	67.460 ES		
400.0	400.0	399.1	399.0	0.8	0.8	176.14	-75.6	5.1	75.8	74.2	1.55	48.893		
500.0	500.0	498.4	498.1	1.0	1.0	171.50	-76.7	11.5	77.6	75.6	2.00	38.849		
600.0	600.0	597.2	596.5	1.2	1.3	165.47	-78.3	20.3	81.0	78.5	2.45	33.033		
700.0	700.0	695.5	694.1	1.5	1.5	158.54	-80.4	31.6	86.5	83.6	2.91	29.691		
800.0	800.0	793.1	790.7	1.7	1.8	151.36	-82.8	45.2	94.8	91.4	3.39	27.934		
900.0	900.0	890.2	886.4	1.9	2.2	73.78	-85.7	61.2	105.8	101.9	3.95	26.813		
1,000.0	999.9	986.8	981.2	2.1	2.6	68.98	-89.0	79.5	118.8	114.4	4.43	26.803		
1,100.0	1,099.7	1,082.9	1,075.1	2.3	3.0	65.47	-92.7	100.0	133.4	128.5	4.94	27.024		
1,200.0	1,199.3	1,178.6	1,167.9	2.6	3.5	62.96	-96.8	122.7	149.3	143.8	5.46	27.319		
1,300.0	1,298.6	1,273.8	1,259.7	2.8	4.0	61.22	-101.2	147.6	166.2	160.1	6.02	27.598		
1,400.0	1,397.5	1,368.5	1,350.3	3.1	4.5	60.04	-106.1	174.5	183.9	177.3	6.61	27.817		
1,500.0	1,496.1	1,462.6	1,439.8	3.4	5.1	59.31	-111.3	203.5	202.5	195.3	7.25	27.933		
1,600.0	1,594.2	1,556.3	1,528.0	3.8	5.7	58.90	-116.9	234.5	221.9	214.0	7.94	27.948		
1,700.0	1,691.7	1,653.0	1,618.4	4.1	6.4	58.82	-122.9	268.1	241.5	232.8	8.70	27.751		
1,800.0	1,788.6	1,751.2	1,710.3	4.6	7.2	59.23	-129.1	302.4	259.8	250.3	9.54	27.236		
1,900.0	1,884.9	1,849.6	1,802.3	5.1	7.9	60.04	-135.3	336.7	276.9	266.5	10.46	26.468		
2,000.0	1,980.4	1,948.1	1,894.4	5.6	8.6	61.20	-141.5	371.1	292.9	281.4	11.48	25.509		
2,100.0	2,075.0	2,046.6	1,986.5	6.2	9.4	62.65	-147.6	405.4	307.8	295.2	12.60	24.417		
2,200.0	2,168.9	2,145.1	2,078.6	6.8	10.1	64.38	-153.8	439.8	321.8	307.9	13.84	23.246		
2,300.0	2,261.7	2,243.4	2,170.5	7.5	10.8	66.36	-160.0	474.1	335.1	319.9	15.20	22.042		
2,400.0	2,353.6	2,341.6	2,262.3	8.3	11.6	68.57	-166.2	508.3	347.8	331.2	16.68	20.848		
2,461.3	2,409.4	2,401.6	2,318.5	8.8	12.0	70.03	-169.9	529.3	355.5	337.9	17.66	20.135		
2,500.0	2,444.5	2,439.5	2,353.9	9.1	12.3	71.03	-172.3	542.5	360.4	342.1	18.29	19.703		
2,600.0	2,535.2	2,537.3	2,445.4	9.9	13.0	73.50	-178.4	576.6	373.5	353.6	19.96	18.716		
2,700.0	2,625.9	2,635.2	2,536.9	10.7	13.8	75.80	-184.6	610.7	387.3	365.6	21.64	17.892		
2,800.0	2,716.6	2,733.1	2,628.4	11.6	14.5	77.94	-190.7	644.9	401.6	378.3	23.35	17.200		
2,900.0	2,807.3	2,830.9	2,719.9	12.5	15.3	79.93	-196.9	679.0	416.5	391.4	25.06	16.617		
3,000.0	2,898.0	2,928.8	2,811.4	13.3	16.0	81.79	-203.0	713.1	431.8	405.0	26.78	16.125		
3,100.0	2,988.7	3,026.6	2,902.9	14.2	16.7	83.52	-209.2	747.3	447.5	419.0	28.49	15.706		
3,200.0	3,079.3	3,124.5	2,994.4	15.1	17.5	85.13	-215.3	781.4	463.7	433.5	30.21	15.349		
3,300.0	3,170.0	3,222.4	3,085.9	15.9	18.2	86.64	-221.4	815.5	480.1	448.2	31.92	15.043		
3,400.0	3,260.7	3,320.2	3,177.5	16.8	19.0	88.05	-227.6	849.7	496.9	463.3	33.62	14.779		
3,500.0	3,351.4	3,418.1	3,269.0	17.7	19.7	89.36	-233.7	883.8	514.0	478.6	35.32	14.552		
3,600.0	3,442.1	3,516.0	3,360.5	18.6	20.5	90.59	-239.9	917.9	531.3	494.2	37.01	14.355		
3,700.0	3,532.8	3,613.8	3,452.0	19.4	21.2	91.75	-246.0	952.1	548.8	510.1	38.69	14.183		
3,800.0	3,623.5	3,711.7	3,543.5	20.3	22.0	92.83	-252.2	986.2	566.5	526.1	40.37	14.034		
3,900.0	3,714.2	3,809.5	3,635.0	21.2	22.7	93.85	-258.3	1,020.3	584.4	542.4	42.04	13.903		
4,000.0	3,804.9	3,907.4	3,726.5	22.1	23.4	94.80	-264.4	1,054.5	602.5	558.8	43.70	13.788		
4,100.0	3,895.6	4,005.3	3,818.0	23.0	24.2	95.70	-270.6	1,088.6	620.7	575.4	45.35	13.688		
4,200.0	3,986.2	4,103.1	3,909.5	23.9	24.9	96.56	-276.7	1,122.7	639.1	592.1	47.00	13.599		
4,300.0	4,076.9	4,201.0	4,001.0	24.8	25.7	97.36	-282.9	1,156.9	657.6	609.0	48.64	13.521		
4,400.0	4,167.6	4,298.8	4,092.6	25.7	26.4	98.12	-289.0	1,191.0	676.3	626.0	50.27	13.451		
4,500.0	4,258.3	4,396.7	4,184.1	26.6	27.2	98.84	-295.2	1,225.1	695.0	643.1	51.90	13.390		
4,600.0	4,349.0	4,494.6	4,275.6	27.4	27.9	99.52	-301.3	1,259.3	713.8	660.3	53.53	13.336		
4,700.0	4,439.7	4,592.4	4,367.1	28.3	28.7	100.17	-307.4	1,293.4	732.8	677.6	55.15	13.288		
4,800.0	4,530.4	4,690.3	4,458.6	29.2	29.4	100.78	-313.6	1,327.5	751.8	695.0	56.76	13.245		
4,900.0	4,621.1	4,788.2	4,550.1	30.1	30.2	101.36	-319.7	1,361.7	770.9	712.5	58.37	13.207		
5,000.0	4,711.8	4,886.0	4,641.6	31.0	30.9	101.92	-325.9	1,395.8	790.1	730.1	59.98	13.173 SF		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-90.0	0.0	90.0					
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-90.0	0.0	90.0	89.8	0.22	400.324		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-90.0	0.0	90.0	89.3	0.67	133.441		
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-90.0	0.0	90.0	88.9	1.12	80.065		
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-90.0	0.0	90.0	88.4	1.57	57.189 CC		
500.0	500.0	499.2	499.2	1.0	1.0	179.23	-90.4	1.2	90.4	88.4	2.00	45.100 ES		
600.0	600.0	598.3	598.2	1.2	1.2	176.96	-91.6	4.9	91.8	89.4	2.43	37.758		
700.0	700.0	697.1	696.8	1.5	1.4	173.35	-93.7	10.9	94.4	91.5	2.87	32.929		
800.0	800.0	795.6	794.9	1.7	1.7	168.66	-96.6	19.4	98.6	95.3	3.31	29.800		
900.0	900.0	893.6	892.2	1.9	1.9	92.69	-100.3	30.1	105.0	101.3	3.80	27.678		
1,000.0	999.9	991.3	988.9	2.1	2.2	88.75	-104.7	43.2	113.6	109.4	4.27	26.620		
1,100.0	1,099.7	1,088.5	1,084.8	2.3	2.5	85.66	-110.0	58.6	124.2	119.4	4.77	26.054		
1,200.0	1,199.3	1,185.4	1,179.9	2.6	2.9	83.34	-116.0	76.1	136.4	131.1	5.29	25.780		
1,300.0	1,298.6	1,281.8	1,274.0	2.8	3.3	81.66	-122.7	95.9	150.3	144.4	5.86	25.664		
1,400.0	1,397.5	1,377.7	1,367.1	3.1	3.8	80.51	-130.2	117.8	165.6	159.1	6.47	25.615		
1,500.0	1,496.1	1,473.2	1,459.1	3.4	4.3	79.77	-138.4	141.7	182.3	175.2	7.13	25.575		
1,600.0	1,594.2	1,568.0	1,549.9	3.8	4.8	79.35	-147.2	167.7	200.4	192.5	7.86	25.509		
1,700.0	1,691.7	1,662.3	1,639.5	4.1	5.4	79.17	-156.8	195.6	219.8	211.1	8.65	25.400		
1,800.0	1,788.6	1,756.0	1,727.7	4.6	6.0	79.17	-166.9	225.4	240.4	230.9	9.53	25.240		
1,900.0	1,884.9	1,849.1	1,814.6	5.1	6.7	79.30	-177.7	257.0	262.4	251.9	10.48	25.033		
2,000.0	1,980.4	1,944.3	1,902.7	5.6	7.4	79.59	-189.4	291.1	285.3	273.8	11.54	24.732		
2,100.0	2,075.0	2,041.6	1,992.7	6.2	8.2	80.26	-201.3	326.1	308.0	295.3	12.69	24.264		
2,200.0	2,168.9	2,138.7	2,082.5	6.8	8.9	81.25	-213.3	361.1	330.4	316.5	13.95	23.686		
2,300.0	2,261.7	2,235.8	2,172.3	7.5	9.7	82.50	-225.2	396.1	352.6	337.3	15.30	23.044		
2,400.0	2,353.6	2,332.7	2,261.9	8.3	10.5	83.97	-237.1	430.9	374.8	358.1	16.75	22.374		
2,461.3	2,409.4	2,391.9	2,316.7	8.8	10.9	84.95	-244.4	452.3	388.5	370.8	17.69	21.963		
2,500.0	2,444.5	2,429.3	2,351.2	9.1	11.2	85.71	-249.0	465.7	397.2	378.9	18.30	21.703		
2,600.0	2,535.2	2,525.8	2,440.5	9.9	12.0	87.51	-260.9	500.5	419.9	400.0	19.89	21.106		
2,700.0	2,625.9	2,622.4	2,529.8	10.7	12.8	89.14	-272.7	535.3	443.0	421.5	21.50	20.602		
2,800.0	2,716.6	2,718.9	2,619.1	11.6	13.6	90.60	-284.6	570.0	466.4	443.2	23.12	20.174		
2,900.0	2,807.3	2,815.5	2,708.4	12.5	14.4	91.93	-296.5	604.8	490.0	465.3	24.74	19.808		
3,000.0	2,898.0	2,912.1	2,797.7	13.3	15.2	93.13	-308.4	639.6	513.9	487.5	26.36	19.493		
3,100.0	2,988.7	3,008.6	2,887.0	14.2	15.9	94.23	-320.2	674.3	538.0	510.0	27.99	19.220		
3,200.0	3,079.3	3,105.2	2,976.3	15.1	16.7	95.24	-332.1	709.1	562.2	532.6	29.62	18.983		
3,300.0	3,170.0	3,201.7	3,065.6	15.9	17.5	96.16	-344.0	743.9	586.6	555.4	31.24	18.775		
3,400.0	3,260.7	3,298.3	3,154.9	16.8	18.3	97.01	-355.8	778.6	611.1	578.3	32.87	18.592		
3,500.0	3,351.4	3,394.9	3,244.2	17.7	19.1	97.79	-367.7	813.4	635.8	601.3	34.50	18.431		
3,600.0	3,442.1	3,491.4	3,333.5	18.6	19.9	98.52	-379.6	848.2	660.5	624.4	36.12	18.287		
3,700.0	3,532.8	3,588.0	3,422.8	19.4	20.7	99.19	-391.5	882.9	685.4	647.6	37.75	18.158		
3,800.0	3,623.5	3,684.5	3,512.1	20.3	21.5	99.82	-403.3	917.7	710.3	671.0	39.37	18.043		
3,900.0	3,714.2	3,781.1	3,601.4	21.2	22.3	100.40	-415.2	952.5	735.3	694.3	40.99	17.940		
4,000.0	3,804.9	3,877.6	3,690.7	22.1	23.1	100.95	-427.1	987.2	760.4	717.8	42.61	17.846		
4,100.0	3,895.6	3,974.2	3,780.0	23.0	23.8	101.46	-438.9	1,022.0	785.5	741.3	44.23	17.761 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-17)		Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
0.0	0.0	0.0	0.0	0.0	0.0	-179.85	-104.9	-0.3	104.9								
100.0	100.0	100.0	100.0	0.1	0.1	-179.85	-104.9	-0.3	104.9	104.7	0.22	466.800					
200.0	200.0	200.0	200.0	0.3	0.3	-179.85	-104.9	-0.3	104.9	104.2	0.67	155.600					
300.0	300.0	300.0	300.0	0.6	0.6	-179.85	-104.9	-0.3	104.9	103.8	1.12	93.360					
400.0	400.0	400.0	400.0	0.8	0.8	-179.85	-104.9	-0.3	104.9	103.3	1.57	66.686					
500.0	500.0	500.0	500.0	1.0	1.0	-179.85	-104.9	-0.3	104.9	102.9	2.02	51.867					
600.0	600.0	600.0	600.0	1.2	1.2	-179.85	-104.9	-0.3	104.9	102.4	2.47	42.436 CC, ES					
700.0	700.0	698.9	698.9	1.5	1.4	179.51	-105.4	0.9	105.4	102.5	2.90	36.346					
800.0	800.0	797.7	797.6	1.7	1.6	177.64	-107.0	4.4	107.1	103.8	3.32	32.248					
900.0	900.0	896.2	895.9	1.9	1.8	104.07	-109.5	10.3	110.4	106.6	3.75	29.449					
1,000.0	999.9	994.6	993.9	2.1	2.1	101.96	-113.0	18.4	115.7	111.5	4.18	27.644					
1,100.0	1,099.7	1,092.7	1,091.3	2.3	2.3	100.19	-117.5	28.8	122.9	118.3	4.65	26.456					
1,200.0	1,199.3	1,190.5	1,188.1	2.6	2.6	98.77	-123.0	41.5	132.1	126.9	5.14	25.688					
1,300.0	1,298.6	1,287.9	1,284.2	2.8	2.9	97.69	-129.5	56.4	143.1	137.4	5.68	25.199					
1,400.0	1,397.5	1,384.9	1,379.4	3.1	3.3	96.90	-136.9	73.4	155.9	149.6	6.26	24.884					
1,500.0	1,496.1	1,481.5	1,473.7	3.4	3.7	96.36	-145.2	92.6	170.4	163.5	6.91	24.670					
1,600.0	1,594.2	1,577.6	1,566.9	3.8	4.1	96.02	-154.4	113.9	186.7	179.1	7.62	24.507					
1,700.0	1,691.7	1,673.1	1,659.0	4.1	4.6	95.83	-164.5	137.1	204.6	196.2	8.40	24.363					
1,800.0	1,788.6	1,768.1	1,750.0	4.6	5.1	95.75	-175.5	162.3	224.3	215.0	9.26	24.219					
1,900.0	1,884.9	1,862.5	1,839.6	5.1	5.7	95.75	-187.2	189.4	245.6	235.4	10.20	24.067					
2,000.0	1,980.4	1,956.2	1,927.9	5.6	6.3	95.80	-199.7	218.3	268.5	257.2	11.23	23.903					
2,100.0	2,075.0	2,049.3	2,014.8	6.2	6.9	95.88	-213.0	249.0	293.0	280.7	12.35	23.728					
2,200.0	2,168.9	2,141.8	2,100.2	6.8	7.6	95.98	-227.1	281.3	319.1	305.6	13.55	23.544					
2,300.0	2,261.7	2,235.3	2,185.9	7.5	8.4	96.13	-242.1	315.8	346.7	331.8	14.86	23.333					
2,400.0	2,353.6	2,331.2	2,273.5	8.3	9.2	96.56	-257.5	351.5	374.8	358.5	16.26	23.047					
2,461.3	2,409.4	2,389.8	2,327.1	8.8	9.7	96.95	-267.0	373.3	392.2	375.0	17.16	22.855					
2,500.0	2,444.5	2,426.7	2,360.9	9.1	10.0	97.38	-273.0	387.0	403.2	385.5	17.75	22.720					
2,600.0	2,535.2	2,522.3	2,448.2	9.9	10.8	98.40	-288.4	422.6	431.9	412.6	19.28	22.399					
2,700.0	2,625.9	2,617.8	2,535.5	10.7	11.6	99.29	-303.8	458.1	460.6	439.8	20.83	22.113					
2,800.0	2,716.6	2,713.4	2,622.9	11.6	12.4	100.08	-319.2	493.7	489.5	467.1	22.39	21.858					
2,900.0	2,807.3	2,808.9	2,710.2	12.5	13.2	100.78	-334.6	529.2	518.4	494.5	23.97	21.630					
3,000.0	2,898.0	2,904.5	2,797.5	13.3	14.0	101.41	-350.1	564.8	547.4	521.9	25.55	21.427					
3,100.0	2,988.7	3,000.0	2,884.9	14.2	14.9	101.97	-365.5	600.3	576.5	549.3	27.14	21.244					
3,200.0	3,079.3	3,095.5	2,972.2	15.1	15.7	102.48	-380.9	635.9	605.6	576.8	28.73	21.079					
3,300.0	3,170.0	3,191.1	3,059.5	15.9	16.5	102.94	-396.3	671.4	634.7	604.4	30.32	20.930					
3,400.0	3,260.7	3,286.6	3,146.9	16.8	17.4	103.36	-411.8	707.0	663.9	631.9	31.92	20.794					
3,500.0	3,351.4	3,382.2	3,234.2	17.7	18.2	103.75	-427.2	742.5	693.1	659.5	33.53	20.671					
3,600.0	3,442.1	3,477.7	3,321.5	18.6	19.0	104.11	-442.6	778.1	722.3	687.2	35.13	20.558					
3,700.0	3,532.8	3,573.3	3,408.8	19.4	19.9	104.43	-458.0	813.6	751.5	714.8	36.74	20.455					
3,800.0	3,623.5	3,668.8	3,496.2	20.3	20.7	104.74	-473.4	849.2	780.8	742.5	38.35	20.360 SF					

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.87	-119.9	-0.3	119.9					
100.0	100.0	100.0	100.0	0.1	0.1	-179.87	-119.9	-0.3	119.9	119.6	0.22	533.256		
200.0	200.0	200.0	200.0	0.3	0.3	-179.87	-119.9	-0.3	119.9	119.2	0.67	177.752 CC, ES		
300.0	300.0	298.6	298.6	0.6	0.5	179.59	-120.4	0.9	120.5	119.3	1.10	109.018		
400.0	400.0	397.0	396.9	0.8	0.8	178.02	-122.2	4.2	122.3	120.8	1.54	79.518		
500.0	500.0	495.2	494.9	1.0	1.0	175.50	-125.1	9.8	125.6	123.6	1.98	63.350		
600.0	600.0	593.0	592.3	1.2	1.2	172.21	-129.1	17.7	130.6	128.1	2.43	53.622		
700.0	700.0	690.2	688.9	1.5	1.5	168.37	-134.3	27.6	137.5	134.6	2.90	47.469		
800.0	800.0	786.9	784.6	1.7	1.8	164.22	-140.5	39.7	146.8	143.4	3.38	43.499		
900.0	900.0	882.9	879.3	1.9	2.2	89.09	-147.8	53.8	158.6	154.7	3.91	40.542		
1,000.0	999.9	978.4	973.0	2.1	2.5	85.97	-156.1	69.9	172.8	168.4	4.41	39.210		
1,100.0	1,099.7	1,073.3	1,065.7	2.3	3.0	83.59	-165.5	88.0	189.0	184.1	4.92	38.412		
1,200.0	1,199.3	1,167.6	1,157.3	2.6	3.4	81.83	-175.8	108.0	207.1	201.6	5.46	37.920		
1,300.0	1,298.6	1,261.2	1,247.6	2.8	3.9	80.59	-187.1	129.9	226.8	220.8	6.03	37.584		
1,400.0	1,397.5	1,354.2	1,336.7	3.1	4.4	79.75	-199.3	153.5	248.1	241.5	6.65	37.308		
1,500.0	1,496.1	1,446.4	1,424.4	3.4	5.0	79.23	-212.4	178.8	270.9	263.6	7.32	37.032		
1,600.0	1,594.2	1,537.8	1,510.6	3.8	5.6	78.94	-226.3	205.7	295.2	287.2	8.04	36.718		
1,700.0	1,691.7	1,628.4	1,595.3	4.1	6.3	78.84	-241.0	234.2	320.9	312.1	8.83	36.355		
1,800.0	1,788.6	1,718.1	1,678.5	4.6	7.0	78.88	-256.5	264.2	348.0	338.3	9.68	35.937		
1,900.0	1,884.9	1,807.1	1,760.1	5.1	7.7	79.02	-272.8	295.7	376.5	365.9	10.62	35.469		
2,000.0	1,980.4	1,902.1	1,846.8	5.6	8.5	79.37	-290.6	330.3	405.6	393.9	11.66	34.782		
2,100.0	2,075.0	1,997.6	1,933.9	6.2	9.3	79.97	-308.6	365.1	434.3	421.5	12.79	33.945		
2,200.0	2,168.9	2,093.0	2,020.9	6.8	10.2	80.78	-326.6	399.8	462.8	448.7	14.02	33.010		
2,300.0	2,261.7	2,188.3	2,107.8	7.5	11.0	81.75	-344.5	434.5	491.0	475.7	15.33	32.023		
2,400.0	2,353.6	2,283.3	2,194.5	8.3	11.8	82.86	-362.3	469.1	519.3	502.5	16.74	31.018		
2,461.3	2,409.4	2,341.4	2,247.5	8.8	12.3	83.60	-373.3	490.2	536.6	518.9	17.65	30.405		
2,500.0	2,444.5	2,378.0	2,280.9	9.1	12.7	84.24	-380.2	503.6	547.6	529.3	18.25	30.008		
2,600.0	2,535.2	2,472.7	2,367.3	9.9	13.5	85.77	-398.0	538.0	576.2	556.4	19.81	29.082		
2,700.0	2,625.9	2,567.4	2,453.6	10.7	14.3	87.16	-415.8	572.5	605.3	583.9	21.40	28.286		
2,800.0	2,716.6	2,662.1	2,540.0	11.6	15.2	88.42	-433.6	607.0	634.6	611.6	22.99	27.597		
2,900.0	2,807.3	2,756.8	2,626.4	12.5	16.0	89.58	-451.4	641.5	664.2	639.6	24.60	26.998		
3,000.0	2,898.0	2,851.5	2,712.8	13.3	16.8	90.63	-469.2	675.9	694.0	667.8	26.21	26.475		
3,100.0	2,988.7	2,946.2	2,799.1	14.2	17.7	91.60	-487.0	710.4	724.0	696.2	27.83	26.014		
3,200.0	3,079.3	3,040.9	2,885.5	15.1	18.5	92.50	-504.8	744.9	754.2	724.7	29.45	25.607		
3,300.0	3,170.0	3,135.6	2,971.9	15.9	19.3	93.32	-522.7	779.4	784.5	753.4	31.07	25.246 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 886-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-109.39	-182.5	-518.6	549.8					
100.0	100.0	94.0	94.0	0.1	0.1	-109.39	-182.5	-518.6	549.8	549.6	0.22	2,519.121		
200.0	200.0	194.1	194.1	0.3	0.2	-109.40	-182.6	-518.6	549.8	549.2	0.56	989.853		
300.0	300.0	294.1	294.1	0.6	0.3	-109.41	-182.7	-518.5	549.8	548.9	0.89	615.926		
400.0	400.0	394.1	394.1	0.8	0.4	-109.44	-182.9	-518.4	549.8	548.5	1.23	447.038		
500.0	500.0	494.1	494.1	1.0	0.6	-109.46	-183.2	-518.3	549.7	548.2	1.57	350.830		
600.0	600.0	594.2	594.2	1.2	0.7	-109.50	-183.5	-518.2	549.7	547.8	1.90	288.691		
700.0	700.0	694.2	694.2	1.5	0.8	-109.54	-183.8	-518.0	549.7	547.4	2.24	245.245		
800.0	800.0	794.2	794.2	1.7	0.9	-109.58	-184.2	-517.8	549.6	547.1	2.58	213.160		
801.6	801.6	795.9	795.9	1.7	0.9	179.23	-184.2	-517.8	549.6	547.1	2.59	212.555		
900.0	900.0	895.4	895.4	1.9	1.0	179.18	-184.7	-517.6	550.9	548.0	2.92	188.544		
1,000.0	999.9	1,009.7	1,009.7	2.1	1.2	179.24	-183.6	-516.1	553.2	549.9	3.37	164.399		
1,100.0	1,099.7	1,124.8	1,124.6	2.3	1.5	179.69	-178.0	-513.0	555.7	551.9	3.80	146.087		
1,200.0	1,199.3	1,233.4	1,232.6	2.6	1.7	-179.44	-167.7	-509.0	558.3	554.0	4.25	131.313		
1,300.0	1,298.6	1,335.8	1,334.1	2.8	2.0	-178.23	-154.0	-505.6	562.8	558.1	4.72	119.331		
1,400.0	1,397.5	1,439.7	1,436.4	3.1	2.3	-176.64	-136.1	-502.7	569.5	564.3	5.23	108.891		
1,500.0	1,496.1	1,548.9	1,543.0	3.4	2.7	-174.61	-112.9	-499.1	577.8	572.0	5.83	99.172		
1,600.0	1,594.2	1,643.7	1,634.9	3.8	3.1	-172.64	-90.0	-496.1	588.7	582.3	6.43	91.613		
1,700.0	1,691.7	1,736.0	1,724.2	4.1	3.5	-170.72	-66.9	-493.9	603.5	596.5	7.04	85.681		
1,800.0	1,788.6	1,828.9	1,814.1	4.6	3.9	-168.87	-43.6	-492.3	622.2	614.5	7.68	81.020		
1,900.0	1,884.9	1,919.3	1,901.8	5.1	4.3	-167.23	-21.4	-491.3	644.6	636.3	8.31	77.616		
2,000.0	1,980.4	2,015.0	1,994.6	5.6	4.7	-165.67	1.6	-490.6	670.4	661.5	8.95	74.887		
2,100.0	2,075.0	2,120.1	2,096.8	6.2	5.1	-164.18	26.2	-488.7	698.1	688.5	9.64	72.381		
2,200.0	2,168.9	2,215.8	2,190.0	6.8	5.5	-163.02	47.8	-486.3	727.7	717.4	10.31	70.580		
2,300.0	2,261.7	2,309.3	2,281.1	7.5	5.9	-162.00	68.8	-484.0	760.1	749.1	10.99	69.142		
2,400.0	2,353.6	2,405.3	2,374.6	8.3	6.3	-161.06	90.5	-481.3	794.5	782.8	11.70	67.897		
8,900.0	7,292.6	7,379.7	7,280.5	49.4	21.6	86.25	732.7	-428.3	712.2	647.2	64.96	10.964		
9,000.0	7,293.0	7,381.2	7,282.0	51.1	21.6	86.85	732.7	-428.3	614.4	547.7	66.78	9.201		
9,100.0	7,293.5	7,382.7	7,283.4	53.0	21.6	87.44	732.7	-428.3	517.6	448.9	68.69	7.535		
9,200.0	7,293.9	7,384.1	7,284.9	55.0	21.6	88.04	732.6	-428.3	422.1	351.5	70.67	5.973		
9,300.0	7,294.4	7,385.5	7,286.3	57.0	21.7	88.63	732.6	-428.3	329.4	256.7	72.71	4.531		
9,400.0	7,294.8	7,387.0	7,287.8	59.1	21.7	89.22	732.6	-428.3	242.5	167.7	74.80	3.242		
9,500.0	7,295.2	7,388.4	7,289.2	61.3	21.7	89.82	732.6	-428.4	170.7	93.7	76.95	2.218		
9,598.5	7,295.7	7,389.9	7,290.6	63.4	21.7	90.40	732.6	-428.4	139.4	60.3	79.10	1.763 CC		
9,600.0	7,295.7	7,389.9	7,290.6	63.5	21.7	90.41	732.6	-428.4	139.4	60.3	79.14	1.762 ES, SF		
9,700.0	7,296.1	7,391.3	7,292.1	65.7	21.7	91.00	732.6	-428.4	172.5	91.1	81.36	2.120		
9,800.0	7,296.5	7,392.7	7,293.5	68.0	21.7	91.59	732.6	-428.4	245.0	161.4	83.62	2.931		
9,900.0	7,297.0	7,394.2	7,294.9	70.4	21.7	92.17	732.6	-428.4	332.2	246.3	85.90	3.867		
10,000.0	7,297.4	7,395.6	7,296.4	72.8	21.7	92.76	732.6	-428.4	425.0	336.8	88.21	4.818		
10,100.0	7,297.8	7,397.0	7,297.8	75.2	21.7	93.34	732.6	-428.4	520.5	430.0	90.54	5.749		
10,200.0	7,298.3	7,398.4	7,299.2	77.6	21.7	93.93	732.5	-428.5	617.4	524.5	92.88	6.648		
10,300.0	7,298.7	7,399.9	7,300.6	80.1	21.7	94.51	732.5	-428.5	715.2	619.9	95.24	7.510		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks P-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks P-27-28HN	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 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 886-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-111.12	-192.0	-497.0	532.8					
100.0	100.0	94.2	94.2	0.1	0.1	-111.13	-192.0	-496.9	532.7	532.5	0.22	2,438.224		
200.0	200.0	194.4	194.4	0.3	0.2	-111.14	-192.1	-496.8	532.7	532.1	0.56	958.180		
300.0	300.0	294.6	294.6	0.6	0.3	-111.16	-192.2	-496.7	532.6	531.7	0.89	596.160		
400.0	400.0	394.8	394.8	0.8	0.4	-111.18	-192.4	-496.5	532.5	531.2	1.23	432.612		
500.0	500.0	495.0	495.0	1.0	0.6	-111.21	-192.6	-496.2	532.3	530.7	1.57	339.422		
600.0	600.0	595.2	595.2	1.2	0.7	-111.26	-192.9	-495.9	532.1	530.2	1.91	279.214		
700.0	700.0	695.4	695.4	1.5	0.8	-111.30	-193.2	-495.5	531.8	529.6	2.24	237.104		
800.0	800.0	795.6	795.6	1.7	0.9	-111.36	-193.6	-495.1	531.6	529.0	2.58	205.992		
811.5	811.5	807.1	807.1	1.7	0.9	177.45	-193.7	-495.0	531.5	528.9	2.62	202.849 CC		
900.0	900.0	895.7	895.7	1.9	1.0	177.40	-194.0	-494.5	532.6	529.6	2.92	182.163		
1,000.0	999.9	995.7	995.6	2.1	1.2	177.34	-194.6	-494.0	536.2	532.8	3.36	159.605		
1,100.0	1,099.7	1,099.0	1,098.9	2.3	1.5	177.26	-195.4	-493.2	542.3	538.5	3.80	142.558		
1,200.0	1,199.3	1,215.9	1,215.9	2.6	1.7	177.13	-195.9	-489.9	549.0	544.8	4.27	128.543		
1,300.0	1,298.6	1,342.8	1,342.4	2.8	2.0	176.95	-195.2	-481.5	554.4	549.7	4.76	116.562		
1,400.0	1,397.5	1,463.0	1,461.9	3.1	2.3	176.91	-191.5	-468.9	557.9	552.7	5.23	106.748		
1,500.0	1,496.1	1,586.8	1,584.3	3.4	2.6	176.94	-185.5	-451.8	560.2	554.5	5.72	97.924		
1,600.0	1,594.2	1,707.8	1,703.2	3.8	3.0	177.01	-177.6	-430.4	560.9	554.7	6.22	90.168		
1,700.0	1,691.7	1,817.0	1,809.9	4.1	3.4	177.11	-169.1	-408.6	561.5	554.8	6.70	83.749		
1,800.0	1,788.6	1,915.5	1,905.9	4.6	3.8	177.20	-161.4	-388.4	564.2	557.0	7.16	78.842		
1,900.0	1,884.9	2,019.2	2,007.0	5.1	4.2	177.28	-153.4	-366.7	569.2	561.5	7.63	74.584		
2,000.0	1,980.4	2,114.8	2,100.2	5.6	4.6	177.32	-146.6	-346.7	576.9	568.8	8.10	71.271		
2,100.0	2,075.0	2,215.1	2,198.1	6.2	5.0	177.36	-139.5	-325.9	587.5	579.0	8.58	68.505		
2,200.0	2,168.9	2,314.2	2,294.8	6.8	5.4	177.54	-131.2	-305.7	600.7	591.6	9.06	66.321		
2,300.0	2,261.7	2,412.1	2,390.3	7.5	5.8	177.76	-122.6	-286.0	616.4	606.9	9.53	64.646		
2,400.0	2,353.6	2,507.3	2,483.3	8.3	6.2	177.94	-114.6	-267.0	635.0	625.0	10.01	63.410		
2,461.3	2,409.4	2,564.6	2,539.3	8.8	6.4	178.03	-110.1	-255.8	648.0	637.7	10.31	62.863		
2,500.0	2,444.5	2,603.8	2,577.6	9.1	6.6	178.10	-106.9	-248.2	656.5	646.0	10.53	62.363		
2,600.0	2,535.2	2,703.3	2,674.8	9.9	7.0	178.27	-98.9	-228.4	678.3	667.2	11.10	61.127		
2,700.0	2,625.9	2,800.3	2,769.5	10.7	7.4	178.44	-91.0	-209.2	700.0	688.3	11.66	60.019		
2,800.0	2,716.6	2,894.4	2,861.5	11.6	7.8	178.58	-83.4	-190.7	721.9	709.7	12.22	59.059		
2,900.0	2,807.3	2,993.6	2,958.5	12.5	8.2	178.74	-75.3	-171.7	744.2	731.4	12.80	58.133		
3,000.0	2,898.0	3,082.3	3,045.2	13.3	8.6	178.87	-68.1	-154.5	766.5	753.1	13.36	57.361		
3,100.0	2,988.7	3,176.1	3,137.3	14.2	9.0	179.00	-61.1	-137.8	790.3	776.3	13.94	56.710		
8,400.0	7,290.4	7,357.1	7,275.5	42.3	19.9	-88.78	66.6	221.8	770.5	709.5	61.00	12.631		
8,500.0	7,290.9	7,358.1	7,276.5	43.4	19.9	-88.89	66.6	221.8	701.8	639.6	62.24	11.276		
8,600.0	7,291.3	7,359.1	7,277.5	44.7	19.9	-89.00	66.6	221.8	641.4	577.8	63.62	10.081		
8,700.0	7,291.7	7,360.1	7,278.5	46.1	19.9	-89.11	66.5	221.7	591.8	526.7	65.14	9.085		
8,800.0	7,292.2	7,361.1	7,279.5	47.7	19.9	-89.21	66.5	221.7	556.0	489.2	66.78	8.326		
8,900.0	7,292.6	7,362.1	7,280.5	49.4	19.9	-89.32	66.5	221.7	536.7	468.1	68.52	7.832		
8,955.7	7,292.9	7,362.7	7,281.1	50.4	19.9	-89.38	66.5	221.7	533.8	464.2	69.54	7.675 ES		
9,000.0	7,293.0	7,363.1	7,281.5	51.1	19.9	-89.43	66.5	221.7	535.6	465.2	70.36	7.613 SF		
9,100.0	7,293.5	7,364.1	7,282.5	53.0	19.9	-89.54	66.5	221.7	552.9	480.7	72.28	7.650		
9,200.0	7,293.9	7,365.1	7,283.6	55.0	19.9	-89.65	66.5	221.7	587.0	512.7	74.28	7.903		
9,300.0	7,294.4	7,366.2	7,284.6	57.0	19.9	-89.75	66.5	221.7	635.2	558.8	76.35	8.319		
9,400.0	7,294.8	7,367.2	7,285.6	59.1	19.9	-89.86	66.5	221.7	694.5	616.0	78.48	8.849		
9,500.0	7,295.2	7,368.2	7,286.6	61.3	19.9	-89.97	66.5	221.7	762.3	681.7	80.67	9.450		

Reference Depths are relative to WELL @ 4899.0ft (RKB - 25')	Coordinates are relative to: G & D Hanks P-27-28HN
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000	Grid Convergence at Surface is: 0.48°



Reference Depths are relative to WELL @ 4899.0ft (RKB - 25')	Coordinates are relative to: G & D Hanks P-27-28HN
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000	Grid Convergence at Surface is: 0.48°

