Bayswater Exploration & Production, LLC

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

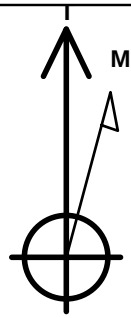
Surface Location: G & D Hanks 27-N Pad Sec.27-T7N-R66W
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4874.0

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	1441212.54	3205703.91	40.542172	-104.759853	

RKB - 25' WELL @ 4899.0ft (RKB - 25')

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1258'FSL, 1574'FEL, SEC.27	1.0	0.0	0.0	Point
LPL 2140'FSL, 470'FEL, SEC.27	7209.0	894.4	1098.4	Point
BHL 2140'FSL, 5'FWL, SEC.28	7269.0	781.7	-9209.9	Point



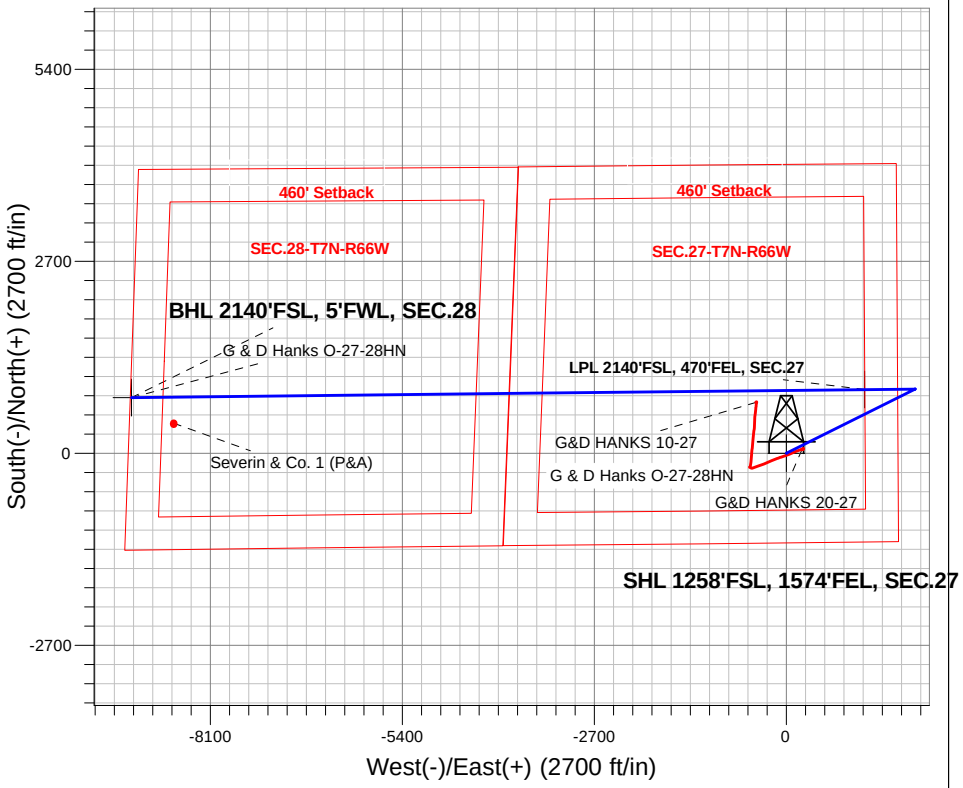
Azimuths to True North
Magnetic North: 8.04°

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 O-27-28HN
Plan #1 (8-02-17)
15:28, August 03 2017

ANNOTATIONS

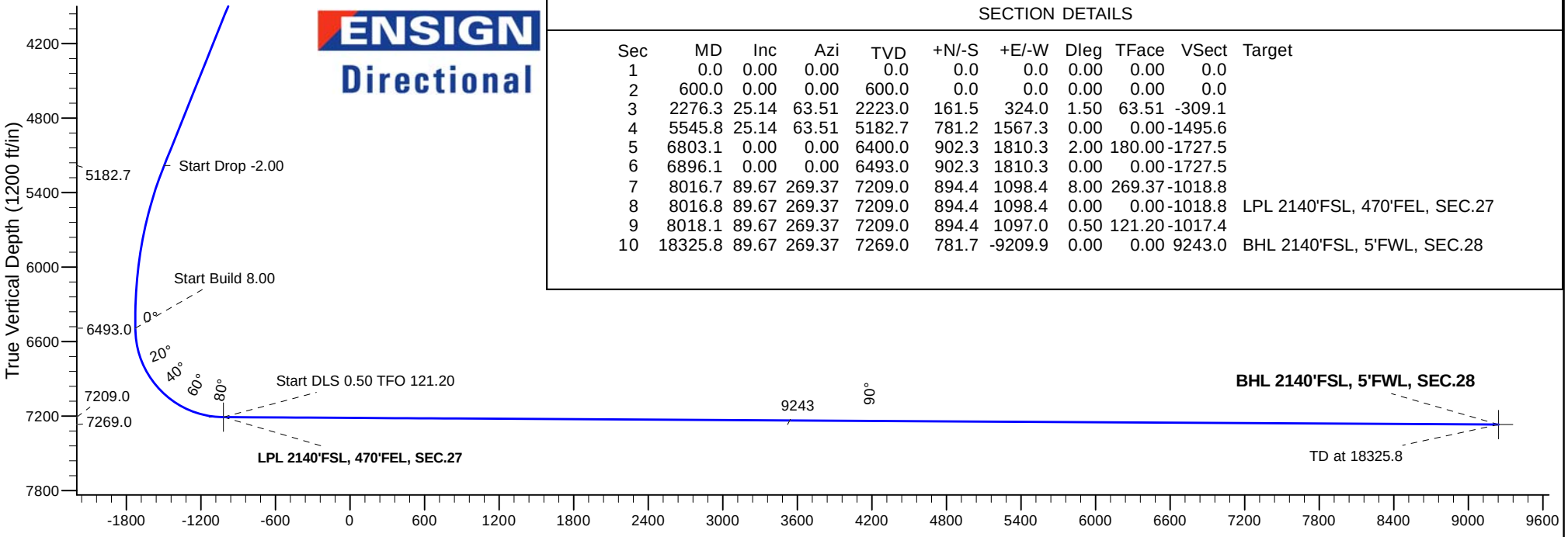
TVD	MD	Annotation
600.0	600.0	KOP - Start Build 1.50
5182.7	5545.8	Start Drop -2.00
6493.0	6896.1	Start Build 8.00
7209.0	8016.8	Start DLS 0.50 TFO 121.20
7209.0	8018.1	Start 10307.7 hold at 8018.1 MD
7269.0	18325.8	TD at 18325.8



ENSIGN Directional

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	2276.3	25.14	63.51	2223.0	161.5	324.0	1.50	63.51	-309.1	
4	5545.8	25.14	63.51	5182.7	781.2	1567.3	0.00	0.00	-1495.6	
5	6803.1	0.00	0.00	6400.0	902.3	1810.3	2.00	180.00	-1727.5	
6	6896.1	0.00	0.00	6493.0	902.3	1810.3	0.00	0.00	-1727.5	
7	8016.7	89.67	269.37	7209.0	894.4	1098.4	8.00	269.37	-1018.8	
8	8016.8	89.67	269.37	7209.0	894.4	1098.4	0.00	0.00	-1018.8	LPL 2140'FSL, 470'FEL, SEC.27
9	8018.1	89.67	269.37	7209.0	894.4	1097.0	0.50	121.20	-1017.4	
10	18325.8	89.67	269.37	7269.0	781.7	-9209.9	0.00	0.00	9243.0	BHL 2140'FSL, 5'FWL, SEC.28



ENSIGN Directional

Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W
G & D Hanks 27-N Pad Sec.27-T7N-R66W
G & D Hanks O-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 O-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 O-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 O-27-28HN

Well Position	**+N/-S**	-29.9 ft	**Northing:**	1,441,212.54 usft	**Latitude:**	40.542172
	+E/-W	0.0 ft	**Easting:**	3,205,703.91 usft	**Longitude:**	-104.759853
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	274.85

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,276.3	25.14	63.51	2,223.0	161.5	324.0	1.50	1.50	0.00	63.51	
5,545.8	25.14	63.51	5,182.7	781.2	1,567.3	0.00	0.00	0.00	0.00	
6,803.1	0.00	0.00	6,400.0	902.3	1,810.3	2.00	-2.00	0.00	180.00	
6,896.1	0.00	0.00	6,493.0	902.3	1,810.3	0.00	0.00	0.00	0.00	
8,016.7	89.67	269.37	7,209.0	894.4	1,098.4	8.00	8.00	0.00	269.37	
8,016.8	89.67	269.37	7,209.0	894.4	1,098.4	0.00	0.00	0.00	0.00	LPL 2140'FSL, 470'FE
8,018.1	89.67	269.37	7,209.0	894.4	1,097.0	0.50	-0.26	0.43	121.20	
18,325.8	89.67	269.37	7,269.0	781.7	-9,209.9	0.00	0.00	0.00	0.00	BHL 2140'FSL, 5'FWL

Database:	US_EDM	**Local Co-ordinate Reference:**	Well G & D Hanks O-27-28HN
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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 O-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
KOP - Start Build 1.50									
700.0	1.50	63.51	700.0	0.6	1.2	-1.1	1.50	1.50	0.00
800.0	3.00	63.51	799.9	2.3	4.7	-4.5	1.50	1.50	0.00
900.0	4.50	63.51	899.7	5.3	10.5	-10.1	1.50	1.50	0.00
1,000.0	6.00	63.51	999.3	9.3	18.7	-17.9	1.50	1.50	0.00
1,100.0	7.50	63.51	1,098.6	14.6	29.2	-27.9	1.50	1.50	0.00
1,200.0	9.00	63.51	1,197.5	21.0	42.1	-40.2	1.50	1.50	0.00
1,300.0	10.50	63.51	1,296.1	28.5	57.2	-54.6	1.50	1.50	0.00
1,400.0	12.00	63.51	1,394.2	37.2	74.7	-71.3	1.50	1.50	0.00
1,500.0	13.50	63.51	1,491.7	47.1	94.5	-90.1	1.50	1.50	0.00
1,600.0	15.00	63.51	1,588.6	58.1	116.5	-111.2	1.50	1.50	0.00
1,700.0	16.50	63.51	1,684.9	70.2	140.8	-134.3	1.50	1.50	0.00
1,800.0	18.00	63.51	1,780.4	83.4	167.3	-159.7	1.50	1.50	0.00
1,900.0	19.50	63.51	1,875.0	97.7	196.1	-187.1	1.50	1.50	0.00
2,000.0	21.00	63.51	1,968.9	113.2	227.1	-216.7	1.50	1.50	0.00
2,100.0	22.50	63.51	2,061.7	129.7	260.2	-248.3	1.50	1.50	0.00
2,200.0	24.00	63.51	2,153.6	147.3	295.6	-282.0	1.50	1.50	0.00
2,276.3	25.14	63.51	2,223.0	161.5	324.0	-309.1	1.50	1.50	0.00
2,300.0	25.14	63.51	2,244.5	166.0	333.0	-317.7	0.00	0.00	0.00
2,400.0	25.14	63.51	2,335.0	184.9	371.0	-354.0	0.00	0.00	0.00
2,500.0	25.14	63.51	2,425.5	203.9	409.0	-390.3	0.00	0.00	0.00
2,600.0	25.14	63.51	2,516.0	222.8	447.1	-426.6	0.00	0.00	0.00
2,700.0	25.14	63.51	2,606.6	241.8	485.1	-462.9	0.00	0.00	0.00
2,800.0	25.14	63.51	2,697.1	260.7	523.1	-499.2	0.00	0.00	0.00
2,900.0	25.14	63.51	2,787.6	279.7	561.1	-535.5	0.00	0.00	0.00
3,000.0	25.14	63.51	2,878.1	298.6	599.2	-571.8	0.00	0.00	0.00
3,100.0	25.14	63.51	2,968.7	317.6	637.2	-608.1	0.00	0.00	0.00
3,200.0	25.14	63.51	3,059.2	336.5	675.2	-644.3	0.00	0.00	0.00
3,300.0	25.14	63.51	3,149.7	355.5	713.3	-680.6	0.00	0.00	0.00
3,400.0	25.14	63.51	3,240.2	374.5	751.3	-716.9	0.00	0.00	0.00
3,500.0	25.14	63.51	3,330.7	393.4	789.3	-753.2	0.00	0.00	0.00
3,600.0	25.14	63.51	3,421.3	412.4	827.3	-789.5	0.00	0.00	0.00
3,700.0	25.14	63.51	3,511.8	431.3	865.4	-825.8	0.00	0.00	0.00
3,800.0	25.14	63.51	3,602.3	450.3	903.4	-862.1	0.00	0.00	0.00
3,900.0	25.14	63.51	3,692.8	469.2	941.4	-898.4	0.00	0.00	0.00
4,000.0	25.14	63.51	3,783.4	488.2	979.5	-934.7	0.00	0.00	0.00
4,100.0	25.14	63.51	3,873.9	507.1	1,017.5	-970.9	0.00	0.00	0.00
4,200.0	25.14	63.51	3,964.4	526.1	1,055.5	-1,007.2	0.00	0.00	0.00
4,300.0	25.14	63.51	4,054.9	545.1	1,093.5	-1,043.5	0.00	0.00	0.00
4,400.0	25.14	63.51	4,145.5	564.0	1,131.6	-1,079.8	0.00	0.00	0.00
4,500.0	25.14	63.51	4,236.0	583.0	1,169.6	-1,116.1	0.00	0.00	0.00
4,600.0	25.14	63.51	4,326.5	601.9	1,207.6	-1,152.4	0.00	0.00	0.00
4,700.0	25.14	63.51	4,417.0	620.9	1,245.7	-1,188.7	0.00	0.00	0.00
4,800.0	25.14	63.51	4,507.6	639.8	1,283.7	-1,225.0	0.00	0.00	0.00
4,900.0	25.14	63.51	4,598.1	658.8	1,321.7	-1,261.3	0.00	0.00	0.00
5,000.0	25.14	63.51	4,688.6	677.7	1,359.7	-1,297.6	0.00	0.00	0.00
5,100.0	25.14	63.51	4,779.1	696.7	1,397.8	-1,333.8	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 O-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	25.14	63.51	4,869.6	715.6	1,435.8	-1,370.1	0.00	0.00	0.00
5,300.0	25.14	63.51	4,960.2	734.6	1,473.8	-1,406.4	0.00	0.00	0.00
5,400.0	25.14	63.51	5,050.7	753.6	1,511.9	-1,442.7	0.00	0.00	0.00
5,500.0	25.14	63.51	5,141.2	772.5	1,549.9	-1,479.0	0.00	0.00	0.00
5,545.8	25.14	63.51	5,182.7	781.2	1,567.3	-1,495.6	0.00	0.00	0.00
Start Drop -2.00									
5,600.0	24.06	63.51	5,232.0	791.3	1,587.5	-1,514.9	2.00	-2.00	0.00
5,700.0	22.06	63.51	5,324.0	808.7	1,622.6	-1,548.3	2.00	-2.00	0.00
5,800.0	20.06	63.51	5,417.3	824.8	1,654.7	-1,579.0	2.00	-2.00	0.00
5,900.0	18.06	63.51	5,511.8	839.3	1,684.0	-1,606.9	2.00	-2.00	0.00
6,000.0	16.06	63.51	5,607.4	852.4	1,710.2	-1,632.0	2.00	-2.00	0.00
6,100.0	14.06	63.51	5,703.9	864.0	1,733.5	-1,654.2	2.00	-2.00	0.00
6,200.0	12.06	63.51	5,801.3	874.1	1,753.7	-1,673.5	2.00	-2.00	0.00
6,300.0	10.06	63.51	5,899.5	882.6	1,770.9	-1,689.9	2.00	-2.00	0.00
6,400.0	8.06	63.51	5,998.2	889.7	1,785.0	-1,703.3	2.00	-2.00	0.00
6,500.0	6.06	63.51	6,097.5	895.2	1,796.0	-1,713.8	2.00	-2.00	0.00
6,600.0	4.06	63.51	6,197.1	899.1	1,803.9	-1,721.4	2.00	-2.00	0.00
6,700.0	2.06	63.51	6,296.9	901.5	1,808.6	-1,725.9	2.00	-2.00	0.00
6,800.0	0.06	63.51	6,396.9	902.3	1,810.3	-1,727.5	2.00	-2.00	0.00
6,803.1	0.00	0.00	6,400.0	902.3	1,810.3	-1,727.5	2.00	-2.00	0.00
6,896.1	0.00	0.00	6,493.0	902.3	1,810.3	-1,727.5	0.00	0.00	0.00
Start Build 8.00									
6,900.0	0.31	269.37	6,496.9	902.3	1,810.3	-1,727.5	8.06	8.06	0.00
7,000.0	8.32	269.37	6,596.5	902.2	1,802.8	-1,720.0	8.00	8.00	0.00
7,100.0	16.32	269.37	6,694.2	902.0	1,781.5	-1,698.8	8.00	8.00	0.00
7,200.0	24.32	269.37	6,787.9	901.6	1,746.8	-1,664.3	8.00	8.00	0.00
7,300.0	32.32	269.37	6,875.8	901.1	1,699.4	-1,617.1	8.00	8.00	0.00
7,400.0	40.32	269.37	6,956.3	900.4	1,640.2	-1,558.2	8.00	8.00	0.00
7,500.0	48.32	269.37	7,027.8	899.7	1,570.4	-1,488.7	8.00	8.00	0.00
7,600.0	56.33	269.37	7,088.9	898.8	1,491.3	-1,409.9	8.00	8.00	0.00
7,700.0	64.33	269.37	7,138.3	897.8	1,404.5	-1,323.5	8.00	8.00	0.00
7,800.0	72.33	269.37	7,175.2	896.8	1,311.6	-1,231.1	8.00	8.00	0.00
7,900.0	80.33	269.37	7,198.8	895.7	1,214.5	-1,134.4	8.00	8.00	0.00
8,000.0	88.33	269.37	7,208.7	894.6	1,115.1	-1,035.5	8.00	8.00	0.00
8,016.7	89.67	269.37	7,209.0	894.4	1,098.4	-1,018.8	8.00	8.00	0.00
8,016.8	89.67	269.37	7,209.0	894.4	1,098.3	-1,018.7	0.00	0.00	0.00
Start DLS 0.50 TFO 121.20									
8,018.1	89.67	269.37	7,209.0	894.4	1,097.0	-1,017.4	0.51	-0.27	0.44
Start 10307.7 hold at 8018.1 MD									
8,100.0	89.67	269.37	7,209.5	893.5	1,015.1	-935.9	0.00	0.00	0.00
8,200.0	89.67	269.37	7,210.1	892.4	915.1	-836.4	0.00	0.00	0.00
8,300.0	89.67	269.37	7,210.6	891.3	815.1	-736.8	0.00	0.00	0.00
8,400.0	89.67	269.37	7,211.2	890.3	715.2	-637.3	0.00	0.00	0.00
8,500.0	89.67	269.37	7,211.8	889.2	615.2	-537.8	0.00	0.00	0.00
8,600.0	89.67	269.37	7,212.4	888.1	515.2	-438.2	0.00	0.00	0.00
8,700.0	89.67	269.37	7,213.0	887.0	415.2	-338.7	0.00	0.00	0.00
8,800.0	89.67	269.37	7,213.6	885.9	315.2	-239.1	0.00	0.00	0.00
8,900.0	89.67	269.37	7,214.1	884.8	215.2	-139.6	0.00	0.00	0.00
9,000.0	89.67	269.37	7,214.7	883.7	115.2	-40.0	0.00	0.00	0.00
9,100.0	89.67	269.37	7,215.3	882.6	15.2	59.5	0.00	0.00	0.00
9,200.0	89.67	269.37	7,215.9	881.5	-84.8	159.0	0.00	0.00	0.00
9,300.0	89.67	269.37	7,216.5	880.4	-184.8	258.6	0.00	0.00	0.00
9,400.0	89.67	269.37	7,217.1	879.3	-284.8	358.1	0.00	0.00	0.00

Database:	US_EDM	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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	89.67	269.37	7,217.6	878.2	-384.8	457.7	0.00	0.00	0.00
9,600.0	89.67	269.37	7,218.2	877.1	-484.8	557.2	0.00	0.00	0.00
9,700.0	89.67	269.37	7,218.8	876.0	-584.7	656.7	0.00	0.00	0.00
9,800.0	89.67	269.37	7,219.4	875.0	-684.7	756.3	0.00	0.00	0.00
9,900.0	89.67	269.37	7,220.0	873.9	-784.7	855.8	0.00	0.00	0.00
10,000.0	89.67	269.37	7,220.5	872.8	-884.7	955.4	0.00	0.00	0.00
10,100.0	89.67	269.37	7,221.1	871.7	-984.7	1,054.9	0.00	0.00	0.00
10,200.0	89.67	269.37	7,221.7	870.6	-1,084.7	1,154.4	0.00	0.00	0.00
10,300.0	89.67	269.37	7,222.3	869.5	-1,184.7	1,254.0	0.00	0.00	0.00
10,400.0	89.67	269.37	7,222.9	868.4	-1,284.7	1,353.5	0.00	0.00	0.00
10,500.0	89.67	269.37	7,223.5	867.3	-1,384.7	1,453.1	0.00	0.00	0.00
10,600.0	89.67	269.37	7,224.0	866.2	-1,484.7	1,552.6	0.00	0.00	0.00
10,700.0	89.67	269.37	7,224.6	865.1	-1,584.7	1,652.2	0.00	0.00	0.00
10,800.0	89.67	269.37	7,225.2	864.0	-1,684.7	1,751.7	0.00	0.00	0.00
10,900.0	89.67	269.37	7,225.8	862.9	-1,784.7	1,851.2	0.00	0.00	0.00
11,000.0	89.67	269.37	7,226.4	861.8	-1,884.6	1,950.8	0.00	0.00	0.00
11,100.0	89.67	269.37	7,226.9	860.7	-1,984.6	2,050.3	0.00	0.00	0.00
11,200.0	89.67	269.37	7,227.5	859.6	-2,084.6	2,149.9	0.00	0.00	0.00
11,300.0	89.67	269.37	7,228.1	858.6	-2,184.6	2,249.4	0.00	0.00	0.00
11,400.0	89.67	269.37	7,228.7	857.5	-2,284.6	2,348.9	0.00	0.00	0.00
11,500.0	89.67	269.37	7,229.3	856.4	-2,384.6	2,448.5	0.00	0.00	0.00
11,600.0	89.67	269.37	7,229.9	855.3	-2,484.6	2,548.0	0.00	0.00	0.00
11,700.0	89.67	269.37	7,230.4	854.2	-2,584.6	2,647.6	0.00	0.00	0.00
11,800.0	89.67	269.37	7,231.0	853.1	-2,684.6	2,747.1	0.00	0.00	0.00
11,900.0	89.67	269.37	7,231.6	852.0	-2,784.6	2,846.7	0.00	0.00	0.00
12,000.0	89.67	269.37	7,232.2	850.9	-2,884.6	2,946.2	0.00	0.00	0.00
12,100.0	89.67	269.37	7,232.8	849.8	-2,984.6	3,045.7	0.00	0.00	0.00
12,200.0	89.67	269.37	7,233.3	848.7	-3,084.6	3,145.3	0.00	0.00	0.00
12,300.0	89.67	269.37	7,233.9	847.6	-3,184.5	3,244.8	0.00	0.00	0.00
12,400.0	89.67	269.37	7,234.5	846.5	-3,284.5	3,344.4	0.00	0.00	0.00
12,500.0	89.67	269.37	7,235.1	845.4	-3,384.5	3,443.9	0.00	0.00	0.00
12,600.0	89.67	269.37	7,235.7	844.3	-3,484.5	3,543.4	0.00	0.00	0.00
12,700.0	89.67	269.37	7,236.3	843.2	-3,584.5	3,643.0	0.00	0.00	0.00
12,800.0	89.67	269.37	7,236.8	842.2	-3,684.5	3,742.5	0.00	0.00	0.00
12,900.0	89.67	269.37	7,237.4	841.1	-3,784.5	3,842.1	0.00	0.00	0.00
13,000.0	89.67	269.37	7,238.0	840.0	-3,884.5	3,941.6	0.00	0.00	0.00
13,100.0	89.67	269.37	7,238.6	838.9	-3,984.5	4,041.2	0.00	0.00	0.00
13,200.0	89.67	269.37	7,239.2	837.8	-4,084.5	4,140.7	0.00	0.00	0.00
13,300.0	89.67	269.37	7,239.7	836.7	-4,184.5	4,240.2	0.00	0.00	0.00
13,400.0	89.67	269.37	7,240.3	835.6	-4,284.5	4,339.8	0.00	0.00	0.00
13,500.0	89.67	269.37	7,240.9	834.5	-4,384.5	4,439.3	0.00	0.00	0.00
13,600.0	89.67	269.37	7,241.5	833.4	-4,484.4	4,538.9	0.00	0.00	0.00
13,700.0	89.67	269.37	7,242.1	832.3	-4,584.4	4,638.4	0.00	0.00	0.00
13,800.0	89.67	269.37	7,242.7	831.2	-4,684.4	4,737.9	0.00	0.00	0.00
13,900.0	89.67	269.37	7,243.2	830.1	-4,784.4	4,837.5	0.00	0.00	0.00
14,000.0	89.67	269.37	7,243.8	829.0	-4,884.4	4,937.0	0.00	0.00	0.00
14,100.0	89.67	269.37	7,244.4	827.9	-4,984.4	5,036.6	0.00	0.00	0.00
14,200.0	89.67	269.37	7,245.0	826.8	-5,084.4	5,136.1	0.00	0.00	0.00
14,300.0	89.67	269.37	7,245.6	825.8	-5,184.4	5,235.7	0.00	0.00	0.00
14,400.0	89.67	269.37	7,246.2	824.7	-5,284.4	5,335.2	0.00	0.00	0.00
14,500.0	89.67	269.37	7,246.7	823.6	-5,384.4	5,434.7	0.00	0.00	0.00
14,600.0	89.67	269.37	7,247.3	822.5	-5,484.4	5,534.3	0.00	0.00	0.00
14,700.0	89.67	269.37	7,247.9	821.4	-5,584.4	5,633.8	0.00	0.00	0.00
14,800.0	89.67	269.37	7,248.5	820.3	-5,684.4	5,733.4	0.00	0.00	0.00

Database:	US_EDM	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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	89.67	269.37	7,249.1	819.2	-5,784.3	5,832.9	0.00	0.00	0.00
15,000.0	89.67	269.37	7,249.6	818.1	-5,884.3	5,932.4	0.00	0.00	0.00
15,100.0	89.67	269.37	7,250.2	817.0	-5,984.3	6,032.0	0.00	0.00	0.00
15,200.0	89.67	269.37	7,250.8	815.9	-6,084.3	6,131.5	0.00	0.00	0.00
15,300.0	89.67	269.37	7,251.4	814.8	-6,184.3	6,231.1	0.00	0.00	0.00
15,400.0	89.67	269.37	7,252.0	813.7	-6,284.3	6,330.6	0.00	0.00	0.00
15,500.0	89.67	269.37	7,252.6	812.6	-6,384.3	6,430.2	0.00	0.00	0.00
15,600.0	89.67	269.37	7,253.1	811.5	-6,484.3	6,529.7	0.00	0.00	0.00
15,700.0	89.67	269.37	7,253.7	810.5	-6,584.3	6,629.2	0.00	0.00	0.00
15,800.0	89.67	269.37	7,254.3	809.4	-6,684.3	6,728.8	0.00	0.00	0.00
15,900.0	89.67	269.37	7,254.9	808.3	-6,784.3	6,828.3	0.00	0.00	0.00
16,000.0	89.67	269.37	7,255.5	807.2	-6,884.3	6,927.9	0.00	0.00	0.00
16,100.0	89.67	269.37	7,256.0	806.1	-6,984.3	7,027.4	0.00	0.00	0.00
16,200.0	89.67	269.37	7,256.6	805.0	-7,084.2	7,126.9	0.00	0.00	0.00
16,300.0	89.67	269.37	7,257.2	803.9	-7,184.2	7,226.5	0.00	0.00	0.00
16,400.0	89.67	269.37	7,257.8	802.8	-7,284.2	7,326.0	0.00	0.00	0.00
16,500.0	89.67	269.37	7,258.4	801.7	-7,384.2	7,425.6	0.00	0.00	0.00
16,600.0	89.67	269.37	7,259.0	800.6	-7,484.2	7,525.1	0.00	0.00	0.00
16,700.0	89.67	269.37	7,259.5	799.5	-7,584.2	7,624.7	0.00	0.00	0.00
16,800.0	89.67	269.37	7,260.1	798.4	-7,684.2	7,724.2	0.00	0.00	0.00
16,900.0	89.67	269.37	7,260.7	797.3	-7,784.2	7,823.7	0.00	0.00	0.00
17,000.0	89.67	269.37	7,261.3	796.2	-7,884.2	7,923.3	0.00	0.00	0.00
17,100.0	89.67	269.37	7,261.9	795.1	-7,984.2	8,022.8	0.00	0.00	0.00
17,200.0	89.67	269.37	7,262.4	794.1	-8,084.2	8,122.4	0.00	0.00	0.00
17,300.0	89.67	269.37	7,263.0	793.0	-8,184.2	8,221.9	0.00	0.00	0.00
17,400.0	89.67	269.37	7,263.6	791.9	-8,284.2	8,321.4	0.00	0.00	0.00
17,500.0	89.67	269.37	7,264.2	790.8	-8,384.1	8,421.0	0.00	0.00	0.00
17,600.0	89.67	269.37	7,264.8	789.7	-8,484.1	8,520.5	0.00	0.00	0.00
17,700.0	89.67	269.37	7,265.4	788.6	-8,584.1	8,620.1	0.00	0.00	0.00
17,800.0	89.67	269.37	7,265.9	787.5	-8,684.1	8,719.6	0.00	0.00	0.00
17,900.0	89.67	269.37	7,266.5	786.4	-8,784.1	8,819.2	0.00	0.00	0.00
18,000.0	89.67	269.37	7,267.1	785.3	-8,884.1	8,918.7	0.00	0.00	0.00
18,100.0	89.67	269.37	7,267.7	784.2	-8,984.1	9,018.2	0.00	0.00	0.00
18,200.0	89.67	269.37	7,268.3	783.1	-9,084.1	9,117.8	0.00	0.00	0.00
18,300.0	89.67	269.37	7,268.8	782.0	-9,184.1	9,217.3	0.00	0.00	0.00
18,325.8	89.67	269.37	7,269.0	781.7	-9,209.9	9,243.0	0.00	0.00	0.00
TD at 18325.8									

Database:	US_EDM	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-27-28HN	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL 1258'FSL, 1574'FE - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,441,212.55	3,205,703.91	40.542172	-104.759853
LPL 2140'FSL, 470'FEL, - plan hits target center - Point	0.00	0.00	7,209.0	894.4	1,098.4	1,442,116.09	3,206,794.73	40.544627	-104.755901
BHL 2140'FSL, 5'FWL, S - plan hits target center - Point	0.00	0.00	7,269.0	781.7	-9,209.9	1,441,917.37	3,196,488.08	40.544313	-104.792991

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
600.0	600.0	0.0	0.0	KOP - Start Build 1.50
5,545.8	5,182.7	781.2	1,567.3	Start Drop -2.00
6,896.1	6,493.0	902.3	1,810.3	Start Build 8.00
8,016.8	7,209.0	894.4	1,098.3	Start DLS 0.50 TFO 121.20
8,018.1	7,209.0	894.4	1,097.0	Start 10307.7 hold at 8018.1 MD
18,325.8	7,269.0	781.7	-9,209.9	TD at 18325.8

ENSIGN
Directional

Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W
G & D Hanks 27-N Pad Sec.27-T7N-R66W
G & D Hanks O-27-28HN

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

Anticollision Report

03 August, 2017

BAYSWATER
EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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	18,325.8	Plan #1 (8-02-17) (Wellbore #1)	MWD	MWD - Standard

Summary

Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Existing Wells Sec.28-T7N-R66W						
Severin & Co. 1 (P&A) - Wellbore #1 - Wellbore #1	17,735.7	7,249.6	367.7	-60.1	0.860	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	29.9	29.2	44.304	CC
G & D Hanks M-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,310.7	18,427.8	336.3	-249.2	0.574	Level 1, SF
G & D Hanks M-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,325.8	18,427.8	336.6	-249.3	0.575	Level 1, ES
G & D Hanks N-27-28HC - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	14.9	13.4	9.496	CC
G & D Hanks N-27-28HC - Wellbore #1 - Plan #1 (8-02-1	18,318.8	18,480.0	195.6	-313.9	0.384	Level 1, SF
G & D Hanks N-27-28HC - Wellbore #1 - Plan #1 (8-02-1	18,325.8	18,480.0	195.7	-314.0	0.384	Level 1, ES
G & D Hanks P-27-28HN - Wellbore #1 - Plan #1 (8-02-1	600.0	600.0	15.3	12.8	6.190	CC
G & D Hanks P-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,325.8	18,378.3	307.0	-280.6	0.522	Level 1, ES, SF
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	666.2	666.5	29.8	27.0	10.827	CC
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	18,325.8	18,411.6	505.9	-81.6	0.861	Level 1, ES, SF
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	436.8	437.0	44.6	42.8	25.820	CC
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	500.0	500.0	44.8	42.8	22.266	ES
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,325.8	18,240.7	659.8	61.2	1.102	Level 2, SF
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	60.1	58.5	38.202	CC
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	600.0	599.8	60.4	57.9	24.709	ES
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	4,700.0	4,624.2	699.9	644.8	12.696	SF
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	600.0	600.0	75.0	72.6	30.352	CC, ES
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	4,600.0	4,517.1	792.1	739.9	15.185	SF
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	90.0	89.3	133.442	CC
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	300.0	299.6	90.2	89.1	81.244	ES
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	4,100.0	3,983.0	797.8	751.7	17.276	SF
G & D Hanks V-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	105.3	103.7	66.915	CC
G & D Hanks V-27-28HN - Wellbore #1 - Plan #1 (8-02-1	500.0	499.1	105.7	103.7	52.736	ES
G & D Hanks V-27-28HN - Wellbore #1 - Plan #1 (8-02-1	3,500.0	3,370.9	781.2	745.9	22.084	SF
G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-1	600.0	600.0	120.2	117.8	48.626	CC, ES
G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-1	3,300.0	3,165.3	773.1	742.2	24.997	SF
G & D Hanks X-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	135.2	134.5	200.446	CC, ES
G & D Hanks X-27-28HN - Wellbore #1 - Plan #1 (8-02-1	2,900.0	2,734.3	767.5	741.2	29.264	SF
G & D HANKS PAD Sec.27-T7N-R66W						
G&D HANKS 10-27 - Wellbore #1 - Wellbore #1	9,544.8	7,310.2	159.9	81.7	2.044	CC, ES, SF
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	608.2	603.4	538.1	536.1	278.167	CC, ES
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	2,700.0	2,800.9	795.0	783.0	65.926	SF

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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

Survey Program: 9320-UNKNOWN

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
17,100.0	7,261.9	7,245.9	7,245.9	265.1	144.9	-89.42	420.5	-8,615.8	734.4	324.4	409.99	1.791	
17,200.0	7,262.4	7,246.4	7,246.4	267.9	144.9	-89.51	420.5	-8,615.8	649.8	237.0	412.79	1.574	
17,300.0	7,263.0	7,247.0	7,247.0	270.7	144.9	-89.60	420.5	-8,615.8	570.2	154.6	415.59	1.372	Level 3
17,400.0	7,263.6	7,247.6	7,247.6	273.5	145.0	-89.70	420.5	-8,615.8	497.9	79.6	418.39	1.190	Level 2
17,500.0	7,264.2	7,248.2	7,248.2	276.3	145.0	-89.79	420.5	-8,615.8	436.8	15.6	421.19	1.037	Level 2
17,600.0	7,264.8	7,248.8	7,248.8	279.0	145.0	-89.88	420.5	-8,615.8	392.0	-32.0	424.00	0.925	Level 1
17,700.0	7,265.4	7,249.4	7,249.4	281.8	145.0	-89.97	420.5	-8,615.8	369.5	-57.3	426.80	0.866	Level 1
17,735.7	7,265.6	7,249.6	7,249.6	282.8	145.0	-90.00	420.5	-8,615.8	367.7	-60.1	427.80	0.860	Level 1, CC, ES, SF
17,800.0	7,265.9	7,249.9	7,249.9	284.6	145.0	-90.06	420.5	-8,615.8	373.3	-56.3	429.60	0.869	Level 1
17,900.0	7,266.5	7,250.5	7,250.5	287.4	145.0	-90.15	420.5	-8,615.8	402.8	-29.6	432.40	0.931	Level 1
18,000.0	7,267.1	7,251.1	7,251.1	290.2	145.0	-90.24	420.5	-8,615.8	452.8	17.6	435.19	1.041	Level 2
18,100.0	7,267.7	7,251.7	7,251.7	293.0	145.0	-90.33	420.5	-8,615.8	517.6	79.6	437.99	1.182	Level 2
18,200.0	7,268.3	7,252.3	7,252.3	295.8	145.0	-90.42	420.5	-8,615.8	592.3	151.5	440.79	1.344	Level 3
18,300.0	7,268.8	7,252.8	7,252.8	298.5	145.1	-90.51	420.5	-8,615.8	673.5	229.9	443.59	1.518	
18,325.8	7,269.0	7,253.0	7,253.0	299.3	145.1	-90.54	420.5	-8,615.8	695.3	251.0	444.31	1.565	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 M-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	0.00	29.9	0.0	29.9				
100.0	100.0	100.0	100.0	0.1	0.1	0.00	29.9	0.0	29.9	29.6	0.22	132.913	
200.0	200.0	200.0	200.0	0.3	0.3	0.00	29.9	0.0	29.9	29.2	0.67	44.304	CC
300.0	300.0	299.5	299.5	0.6	0.6	2.02	30.6	1.1	30.6	29.5	1.12	27.384	
400.0	400.0	399.0	398.9	0.8	0.8	7.51	32.7	4.3	33.0	31.5	1.56	21.120	
500.0	500.0	498.1	497.8	1.0	1.0	14.93	36.3	9.7	37.6	35.6	2.02	18.600	
600.0	600.0	596.8	596.1	1.2	1.3	22.57	41.3	17.2	44.9	42.4	2.50	17.924	
700.0	700.0	695.2	693.8	1.5	1.5	-34.93	47.6	26.7	53.9	50.9	2.95	18.270	
800.0	799.9	793.3	790.9	1.7	1.9	-30.94	55.3	38.3	63.4	60.0	3.41	18.599	
900.0	899.7	891.2	887.4	1.9	2.2	-28.23	64.4	51.9	73.2	69.4	3.88	18.871	
1,000.0	999.3	988.7	983.2	2.1	2.6	-26.37	74.8	67.6	83.3	78.9	4.37	19.071	
1,100.0	1,098.6	1,086.1	1,078.2	2.4	3.0	-25.10	86.5	85.2	93.4	88.5	4.87	19.198	
1,200.0	1,197.5	1,183.2	1,172.3	2.7	3.5	-24.25	99.5	104.8	103.6	98.2	5.38	19.254	
1,300.0	1,296.1	1,280.0	1,265.7	3.0	4.0	-23.70	113.8	126.3	113.9	108.0	5.92	19.242	
1,400.0	1,394.2	1,376.6	1,358.1	3.4	4.5	-23.38	129.4	149.7	124.2	117.7	6.47	19.183	
1,500.0	1,491.7	1,472.9	1,449.5	3.8	5.1	-23.24	146.2	175.0	134.5	127.5	7.06	19.049	
1,600.0	1,588.6	1,569.0	1,539.9	4.2	5.7	-23.23	164.2	202.1	144.9	137.2	7.68	18.869	
1,700.0	1,684.9	1,664.9	1,629.2	4.7	6.4	-23.33	183.5	231.1	155.2	146.9	8.33	18.642	
1,800.0	1,780.4	1,760.5	1,717.4	5.3	7.1	-23.52	203.9	261.8	165.5	156.5	9.01	18.371	
1,900.0	1,875.0	1,855.9	1,804.5	5.9	7.9	-23.78	225.5	294.2	175.9	166.1	9.74	18.063	
2,000.0	1,968.9	1,954.1	1,893.4	6.5	8.7	-24.17	248.6	329.1	185.6	175.1	10.52	17.640	
2,100.0	2,061.7	2,053.8	1,983.5	7.2	9.6	-24.85	272.2	364.5	193.1	181.8	11.38	16.974	
2,200.0	2,153.6	2,153.6	2,073.8	8.0	10.4	-25.81	295.8	400.0	198.3	186.0	12.31	16.105	
2,276.3	2,223.0	2,229.8	2,142.7	8.6	11.1	-26.74	313.8	427.1	200.7	187.6	13.09	15.329	
2,300.0	2,244.5	2,253.4	2,164.1	8.8	11.3	-27.06	319.4	435.5	201.3	187.9	13.36	15.071	
2,400.0	2,335.0	2,353.3	2,254.4	9.6	12.2	-28.40	343.0	471.0	203.7	189.2	14.49	14.054	
2,500.0	2,425.5	2,453.2	2,344.7	10.5	13.1	-29.70	366.6	506.5	206.2	190.5	15.68	13.146	
2,600.0	2,516.0	2,553.0	2,435.0	11.3	13.9	-30.97	390.2	542.0	208.8	191.9	16.93	12.335	
2,700.0	2,606.6	2,652.9	2,525.3	12.2	14.8	-32.21	413.8	577.5	211.5	193.3	18.22	11.609	
2,800.0	2,697.1	2,752.7	2,615.6	13.0	15.7	-33.42	437.4	613.0	214.3	194.7	19.55	10.960	
2,900.0	2,787.6	2,852.6	2,705.9	13.9	16.6	-34.59	461.0	648.5	217.2	196.3	20.93	10.376	
3,000.0	2,878.1	2,952.5	2,796.2	14.8	17.4	-35.74	484.6	684.0	220.2	197.8	22.35	9.852	
3,100.0	2,968.7	3,052.3	2,886.5	15.7	18.3	-36.85	508.2	719.5	223.3	199.4	23.80	9.379	
3,200.0	3,059.2	3,152.2	2,976.8	16.5	19.2	-37.93	531.8	755.0	226.4	201.1	25.29	8.952	
3,300.0	3,149.7	3,252.0	3,067.1	17.4	20.1	-38.99	555.4	790.5	229.6	202.8	26.81	8.565	
3,400.0	3,240.2	3,351.9	3,157.4	18.3	21.0	-40.01	579.0	826.0	232.9	204.6	28.36	8.214	
3,500.0	3,330.7	3,451.8	3,247.7	19.2	21.8	-41.00	602.6	861.5	236.3	206.4	29.94	7.894	
3,600.0	3,421.3	3,551.6	3,338.0	20.1	22.7	-41.97	626.2	897.0	239.8	208.2	31.54	7.603	
3,700.0	3,511.8	3,651.5	3,428.3	21.0	23.6	-42.91	649.8	932.5	243.3	210.1	33.16	7.337	
3,800.0	3,602.3	3,751.3	3,518.6	21.8	24.5	-43.82	673.3	968.0	246.9	212.1	34.80	7.093	
3,900.0	3,692.8	3,851.2	3,608.9	22.7	25.4	-44.71	696.9	1,003.5	250.5	214.0	36.47	6.869	
4,000.0	3,783.4	3,951.1	3,699.2	23.6	26.2	-45.57	720.5	1,039.0	254.2	216.1	38.15	6.663	
4,100.0	3,873.9	4,050.9	3,789.5	24.5	27.1	-46.40	744.1	1,074.5	258.0	218.1	39.85	6.474	
4,200.0	3,964.4	4,150.8	3,879.8	25.4	28.0	-47.21	767.7	1,110.0	261.8	220.2	41.56	6.298	
4,300.0	4,054.9	4,250.6	3,970.1	26.3	28.9	-48.00	791.3	1,145.5	265.6	222.3	43.29	6.136	
4,400.0	4,145.5	4,350.5	4,060.4	27.2	29.8	-48.76	814.9	1,181.0	269.5	224.5	45.02	5.986	
4,500.0	4,236.0	4,450.4	4,150.7	28.1	30.7	-49.51	838.5	1,216.5	273.5	226.7	46.77	5.847	
4,600.0	4,326.5	4,550.2	4,241.0	29.0	31.6	-50.23	862.1	1,252.0	277.5	228.9	48.53	5.717	
4,700.0	4,417.0	4,650.1	4,331.3	29.8	32.4	-50.93	885.7	1,287.5	281.5	231.2	50.30	5.596	
4,800.0	4,507.6	4,749.9	4,421.7	30.7	33.3	-51.61	909.3	1,323.0	285.6	233.5	52.08	5.484	
4,900.0	4,598.1	4,849.8	4,512.0	31.6	34.2	-52.27	932.9	1,358.5	289.7	235.8	53.87	5.378	
5,000.0	4,688.6	4,949.7	4,602.3	32.5	35.1	-52.91	956.5	1,394.0	293.9	238.2	55.66	5.280	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 M-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,100.0	4,779.1	5,049.5	4,692.6	33.4	36.0	-53.54	980.1	1,429.5	298.1	240.6	57.46	5.188	
5,200.0	4,869.6	5,149.4	4,782.9	34.3	36.9	-54.15	1,003.7	1,465.0	302.3	243.0	59.26	5.101	
5,300.0	4,960.2	5,249.2	4,873.2	35.2	37.8	-54.74	1,027.3	1,500.5	306.6	245.5	61.07	5.020	
5,400.0	5,050.7	5,349.1	4,963.5	36.1	38.6	-55.31	1,050.9	1,536.0	310.8	248.0	62.89	4.943	
5,500.0	5,141.2	5,449.0	5,053.8	37.0	39.5	-55.87	1,074.5	1,571.5	315.2	250.5	64.70	4.871	
5,545.8	5,182.7	5,496.3	5,096.6	37.4	39.9	-56.14	1,085.7	1,588.3	317.1	251.6	65.54	4.838	
5,600.0	5,232.0	5,554.5	5,149.7	37.8	40.3	-56.55	1,098.9	1,608.2	319.1	252.7	66.47	4.801	
5,700.0	5,324.0	5,662.1	5,249.0	38.5	41.0	-57.28	1,121.8	1,642.7	322.5	254.5	68.02	4.742	
5,800.0	5,417.3	5,769.6	5,349.8	39.1	41.6	-57.99	1,142.6	1,673.9	325.5	256.0	69.46	4.686	
5,900.0	5,511.8	5,877.2	5,451.9	39.6	42.2	-58.67	1,161.3	1,702.0	328.0	257.2	70.80	4.633	
6,000.0	5,607.4	5,984.7	5,555.1	40.1	42.7	-59.32	1,177.8	1,726.9	330.0	258.0	72.03	4.582	
6,100.0	5,703.9	6,092.1	5,659.4	40.6	43.2	-59.96	1,192.2	1,748.6	331.6	258.4	73.14	4.533	
6,200.0	5,801.3	6,199.5	5,764.4	41.0	43.5	-60.58	1,204.4	1,766.9	332.6	258.5	74.15	4.486	
6,300.0	5,899.5	6,306.8	5,870.2	41.3	43.9	-61.18	1,214.4	1,782.0	333.3	258.2	75.05	4.440	
6,400.0	5,998.2	6,414.0	5,976.5	41.6	44.1	-61.77	1,222.2	1,793.7	333.4	257.5	75.85	4.395	
6,500.0	6,097.5	6,521.1	6,083.1	41.8	44.3	-62.34	1,227.8	1,802.2	333.0	256.5	76.54	4.351	
6,600.0	6,197.1	6,628.1	6,189.9	42.0	44.5	-62.90	1,231.2	1,807.2	332.2	255.1	77.12	4.307	
6,700.0	6,296.9	6,734.9	6,296.7	42.2	44.6	-63.46	1,232.4	1,809.0	330.9	253.3	77.62	4.263	
6,803.1	6,400.0	6,838.2	6,400.0	42.2	44.6	-0.23	1,232.4	1,809.0	330.1	275.2	54.89	6.013	
6,896.1	6,493.0	6,931.2	6,493.0	42.3	44.7	-0.23	1,232.4	1,809.0	330.1	275.0	55.07	5.993	
6,900.0	6,496.9	6,935.1	6,496.9	42.3	44.7	90.41	1,232.4	1,809.0	330.1	252.1	78.02	4.231	
6,950.0	6,546.8	6,985.1	6,546.8	42.3	44.7	90.76	1,232.4	1,809.0	330.1	252.2	77.87	4.239	
7,000.0	6,596.5	7,035.1	6,596.9	42.3	44.8	91.63	1,232.4	1,808.6	330.2	252.9	77.34	4.269	
7,050.0	6,645.7	7,085.6	6,647.3	42.2	44.7	92.59	1,232.3	1,805.1	330.4	253.7	76.69	4.308	
7,100.0	6,694.2	7,136.6	6,697.7	42.1	44.7	93.54	1,232.3	1,798.1	330.7	254.7	75.97	4.353	
7,150.0	6,741.6	7,188.0	6,748.0	42.0	44.6	94.48	1,232.1	1,787.3	331.1	255.9	75.21	4.402	
7,200.0	6,787.9	7,239.7	6,797.7	41.9	44.5	95.39	1,232.0	1,772.8	331.6	257.1	74.41	4.456	
7,250.0	6,832.7	7,291.9	6,846.6	41.7	44.4	96.28	1,231.8	1,754.7	332.1	258.5	73.60	4.512	
7,300.0	6,875.8	7,344.6	6,894.4	41.6	44.3	97.13	1,231.5	1,732.8	332.7	259.9	72.80	4.569	
7,350.0	6,917.1	7,397.6	6,940.9	41.4	44.1	97.95	1,231.3	1,707.3	333.3	261.3	72.04	4.627	
7,400.0	6,956.3	7,451.0	6,985.7	41.2	43.9	98.73	1,230.9	1,678.1	334.0	262.7	71.32	4.683	
7,450.0	6,993.3	7,504.8	7,028.4	41.1	43.7	99.47	1,230.6	1,645.5	334.7	264.0	70.68	4.735	
7,500.0	7,027.8	7,559.0	7,068.9	40.9	43.5	100.16	1,230.2	1,609.5	335.4	265.2	70.12	4.782	
7,550.0	7,059.7	7,613.5	7,106.7	40.8	43.3	100.79	1,229.7	1,570.3	336.0	266.4	69.68	4.822	
7,600.0	7,088.9	7,668.3	7,141.7	40.7	43.2	101.37	1,229.3	1,528.1	336.7	267.3	69.38	4.853	
7,650.0	7,115.1	7,723.5	7,173.5	40.6	43.0	101.89	1,228.8	1,483.0	337.3	268.1	69.21	4.874	
7,700.0	7,138.3	7,778.9	7,201.8	40.5	42.8	102.34	1,228.3	1,435.4	337.9	268.7	69.20	4.883	
7,750.0	7,158.4	7,834.6	7,226.5	40.5	42.7	102.73	1,227.7	1,385.6	338.4	269.0	69.36	4.879	
7,800.0	7,175.2	7,890.4	7,247.3	40.4	42.6	103.05	1,227.1	1,333.7	338.8	269.2	69.69	4.862	
7,850.0	7,188.7	7,946.5	7,264.1	40.5	42.6	103.30	1,226.5	1,280.3	339.2	269.0	70.18	4.833	
7,900.0	7,198.8	8,002.6	7,276.6	40.5	42.5	103.49	1,225.9	1,225.6	339.4	268.6	70.83	4.792	
7,950.0	7,205.5	8,058.9	7,284.9	40.6	42.5	103.59	1,225.3	1,169.9	339.6	268.0	71.62	4.741	
8,000.0	7,208.7	8,115.1	7,288.7	40.7	42.6	103.63	1,224.7	1,113.8	339.6	267.1	72.54	4.682	
8,016.7	7,209.0	8,133.8	7,289.0	40.8	42.6	103.62	1,224.5	1,095.2	339.6	266.8	72.87	4.661	
8,016.8	7,209.0	8,133.9	7,289.0	40.8	42.6	103.62	1,224.5	1,095.1	339.6	266.8	72.87	4.661	
8,018.1	7,209.0	8,135.2	7,289.0	40.8	42.6	103.62	1,224.5	1,093.8	339.6	266.8	72.88	4.660	
8,100.0	7,209.5	8,217.1	7,289.4	41.1	42.7	103.60	1,223.6	1,011.9	339.6	265.8	73.82	4.600	
8,200.0	7,210.1	8,317.1	7,289.8	41.6	43.0	103.58	1,222.5	911.9	339.6	264.3	75.30	4.510	
8,300.0	7,210.6	8,417.1	7,290.2	42.3	43.5	103.56	1,221.4	811.9	339.5	262.4	77.14	4.402	
8,400.0	7,211.2	8,517.1	7,290.7	43.2	44.1	103.53	1,220.3	711.9	339.5	260.2	79.31	4.281	
8,500.0	7,211.8	8,617.1	7,291.1	44.2	44.9	103.51	1,219.2	611.9	339.5	257.7	81.80	4.150	
8,600.0	7,212.4	8,717.1	7,291.6	45.5	45.9	103.49	1,218.1	511.9	339.4	254.9	84.56	4.014	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 M-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,700.0	7,213.0	8,817.1	7,292.0	46.8	47.1	103.46	1,217.0	411.9	339.4	251.8	87.59	3.875	
8,800.0	7,213.6	8,917.1	7,292.4	48.3	48.4	103.44	1,215.9	311.9	339.4	248.5	90.84	3.736	
8,900.0	7,214.1	9,017.1	7,292.9	50.0	49.9	103.42	1,214.8	211.9	339.3	245.0	94.30	3.598	
9,000.0	7,214.7	9,117.1	7,293.3	51.7	51.5	103.39	1,213.7	111.9	339.3	241.3	97.95	3.464	
9,100.0	7,215.3	9,217.1	7,293.7	53.6	53.3	103.37	1,212.7	11.9	339.3	237.5	101.76	3.334	
9,200.0	7,215.9	9,317.1	7,294.2	55.5	55.2	103.34	1,211.6	-88.1	339.2	233.5	105.72	3.209	
9,300.0	7,216.5	9,417.1	7,294.6	57.6	57.1	103.32	1,210.5	-188.0	339.2	229.4	109.81	3.089	
9,400.0	7,217.1	9,517.1	7,295.1	59.7	59.2	103.30	1,209.4	-288.0	339.2	225.1	114.02	2.975	
9,500.0	7,217.6	9,617.1	7,295.5	61.8	61.3	103.27	1,208.3	-388.0	339.1	220.8	118.33	2.866	
9,600.0	7,218.2	9,717.1	7,295.9	64.0	63.5	103.25	1,207.2	-488.0	339.1	216.3	122.74	2.763	
9,700.0	7,218.8	9,817.1	7,296.4	66.3	65.7	103.23	1,206.1	-588.0	339.0	211.8	127.23	2.665	
9,800.0	7,219.4	9,917.1	7,296.8	68.6	68.0	103.20	1,205.0	-688.0	339.0	207.2	131.80	2.572	
9,900.0	7,220.0	10,017.1	7,297.2	71.0	70.3	103.18	1,203.9	-788.0	339.0	202.5	136.44	2.484	
10,000.0	7,220.5	10,117.1	7,297.7	73.4	72.7	103.15	1,202.8	-888.0	338.9	197.8	141.14	2.401	
10,100.0	7,221.1	10,217.1	7,298.1	75.8	75.1	103.13	1,201.7	-988.0	338.9	193.0	145.90	2.323	
10,200.0	7,221.7	10,317.1	7,298.5	78.2	77.5	103.11	1,200.6	-1,088.0	338.9	188.2	150.71	2.249	
10,300.0	7,222.3	10,417.1	7,299.0	80.7	80.0	103.08	1,199.5	-1,188.0	338.8	183.3	155.56	2.178	
10,400.0	7,222.9	10,517.1	7,299.4	83.2	82.5	103.06	1,198.4	-1,288.0	338.8	178.4	160.45	2.112	
10,500.0	7,223.5	10,617.1	7,299.9	85.7	85.0	103.03	1,197.3	-1,388.0	338.8	173.4	165.39	2.048	
10,600.0	7,224.0	10,717.1	7,300.3	88.2	87.5	103.01	1,196.2	-1,488.0	338.7	168.4	170.36	1.988	
10,700.0	7,224.6	10,817.1	7,300.7	90.8	90.1	102.99	1,195.1	-1,587.9	338.7	163.3	175.36	1.931	
10,800.0	7,225.2	10,917.1	7,301.2	93.3	92.6	102.96	1,194.0	-1,687.9	338.7	158.3	180.39	1.877	
10,900.0	7,225.8	11,017.1	7,301.6	95.9	95.2	102.94	1,192.9	-1,787.9	338.6	153.2	185.45	1.826	
11,000.0	7,226.4	11,117.1	7,302.0	98.5	97.8	102.92	1,191.8	-1,887.9	338.6	148.1	190.53	1.777	
11,100.0	7,226.9	11,217.1	7,302.5	101.1	100.4	102.89	1,190.8	-1,987.9	338.6	142.9	195.64	1.731	
11,200.0	7,227.5	11,317.1	7,302.9	103.7	103.0	102.87	1,189.7	-2,087.9	338.5	137.8	200.77	1.686	
11,300.0	7,228.1	11,417.1	7,303.4	106.3	105.6	102.84	1,188.6	-2,187.9	338.5	132.6	205.92	1.644	
11,400.0	7,228.7	11,517.1	7,303.8	109.0	108.3	102.82	1,187.5	-2,287.9	338.5	127.4	211.09	1.603	
11,500.0	7,229.3	11,617.1	7,304.2	111.6	110.9	102.80	1,186.4	-2,387.9	338.4	122.2	216.28	1.565	
11,600.0	7,229.9	11,717.1	7,304.7	114.3	113.5	102.77	1,185.3	-2,487.9	338.4	116.9	221.48	1.528	
11,700.0	7,230.4	11,817.1	7,305.1	116.9	116.2	102.75	1,184.2	-2,587.9	338.4	111.7	226.69	1.493	Level 3
11,800.0	7,231.0	11,917.1	7,305.5	119.6	118.9	102.72	1,183.1	-2,687.9	338.3	106.4	231.93	1.459	Level 3
11,900.0	7,231.6	12,017.1	7,306.0	122.3	121.5	102.70	1,182.0	-2,787.9	338.3	101.1	237.17	1.426	Level 3
12,000.0	7,232.2	12,117.1	7,306.4	124.9	124.2	102.68	1,180.9	-2,887.9	338.3	95.8	242.43	1.395	Level 3
12,100.0	7,232.8	12,217.1	7,306.9	127.6	126.9	102.65	1,179.8	-2,987.8	338.2	90.5	247.70	1.365	Level 3
12,200.0	7,233.3	12,317.1	7,307.3	130.3	129.6	102.63	1,178.7	-3,087.8	338.2	85.2	252.98	1.337	Level 3
12,300.0	7,233.9	12,417.1	7,307.7	133.0	132.3	102.61	1,177.6	-3,187.8	338.2	79.9	258.27	1.309	Level 3
12,400.0	7,234.5	12,517.1	7,308.2	135.7	135.0	102.58	1,176.5	-3,287.8	338.1	74.6	263.57	1.283	Level 3
12,500.0	7,235.1	12,617.1	7,308.6	138.4	137.7	102.56	1,175.4	-3,387.8	338.1	69.2	268.88	1.257	Level 3
12,600.0	7,235.7	12,717.1	7,309.0	141.1	140.4	102.53	1,174.3	-3,487.8	338.1	63.9	274.20	1.233	Level 2
12,700.0	7,236.3	12,817.1	7,309.5	143.8	143.1	102.51	1,173.2	-3,587.8	338.0	58.5	279.53	1.209	Level 2
12,800.0	7,236.8	12,917.1	7,309.9	146.5	145.8	102.49	1,172.1	-3,687.8	338.0	53.1	284.87	1.187	Level 2
12,900.0	7,237.4	13,017.1	7,310.3	149.2	148.5	102.46	1,171.0	-3,787.8	338.0	47.8	290.21	1.165	Level 2
13,000.0	7,238.0	13,117.1	7,310.8	152.0	151.3	102.44	1,170.0	-3,887.8	337.9	42.4	295.56	1.143	Level 2
13,100.0	7,238.6	13,217.1	7,311.2	154.7	154.0	102.41	1,168.9	-3,987.8	337.9	37.0	300.92	1.123	Level 2
13,200.0	7,239.2	13,317.1	7,311.7	157.4	156.7	102.39	1,167.8	-4,087.8	337.9	31.6	306.28	1.103	Level 2
13,300.0	7,239.7	13,417.1	7,312.1	160.1	159.4	102.37	1,166.7	-4,187.8	337.8	26.2	311.66	1.084	Level 2
13,400.0	7,240.3	13,517.1	7,312.5	162.9	162.2	102.34	1,165.6	-4,287.8	337.8	20.8	317.03	1.066	Level 2
13,500.0	7,240.9	13,617.1	7,313.0	165.6	164.9	102.32	1,164.5	-4,387.8	337.8	15.4	322.42	1.048	Level 2
13,600.0	7,241.5	13,717.1	7,313.4	168.4	167.6	102.29	1,163.4	-4,487.7	337.7	9.9	327.80	1.030	Level 2
13,700.0	7,242.1	13,817.1	7,313.8	171.1	170.4	102.27	1,162.3	-4,587.7	337.7	4.5	333.20	1.014	Level 2
13,800.0	7,242.7	13,917.1	7,314.3	173.8	173.1	102.25	1,161.2	-4,687.7	337.7	-0.9	338.60	0.997	Level 1

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 M-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
13,900.0	7,243.2	14,017.1	7,314.7	176.6	175.9	102.22	1,160.1	-4,787.7	337.6	-6.4	344.00	0.982	Level 1
14,000.0	7,243.8	14,117.1	7,315.2	179.3	178.6	102.20	1,159.0	-4,887.7	337.6	-11.8	349.41	0.966	Level 1
14,100.0	7,244.4	14,217.1	7,315.6	182.1	181.4	102.17	1,157.9	-4,987.7	337.6	-17.2	354.82	0.951	Level 1
14,200.0	7,245.0	14,317.1	7,316.0	184.8	184.1	102.15	1,156.8	-5,087.7	337.5	-22.7	360.24	0.937	Level 1
14,300.0	7,245.6	14,417.1	7,316.5	187.6	186.9	102.13	1,155.7	-5,187.7	337.5	-28.1	365.66	0.923	Level 1
14,400.0	7,246.2	14,517.1	7,316.9	190.3	189.6	102.10	1,154.6	-5,287.7	337.5	-33.6	371.09	0.909	Level 1
14,500.0	7,246.7	14,617.1	7,317.3	193.1	192.4	102.08	1,153.5	-5,387.7	337.5	-39.1	376.52	0.896	Level 1
14,600.0	7,247.3	14,717.1	7,317.8	195.8	195.1	102.05	1,152.4	-5,487.7	337.4	-44.5	381.95	0.883	Level 1
14,700.0	7,247.9	14,817.1	7,318.2	198.6	197.9	102.03	1,151.3	-5,587.7	337.4	-50.0	387.39	0.871	Level 1
14,800.0	7,248.5	14,917.1	7,318.7	201.4	200.7	102.01	1,150.2	-5,687.7	337.4	-55.5	392.83	0.859	Level 1
14,900.0	7,249.1	15,017.1	7,319.1	204.1	203.4	101.98	1,149.2	-5,787.7	337.3	-60.9	398.27	0.847	Level 1
15,000.0	7,249.6	15,117.1	7,319.5	206.9	206.2	101.96	1,148.1	-5,887.6	337.3	-66.4	403.72	0.835	Level 1
15,100.0	7,250.2	15,217.1	7,320.0	209.7	208.9	101.93	1,147.0	-5,987.6	337.3	-71.9	409.17	0.824	Level 1
15,200.0	7,250.8	15,317.1	7,320.4	212.4	211.7	101.91	1,145.9	-6,087.6	337.2	-77.4	414.63	0.813	Level 1
15,300.0	7,251.4	15,417.1	7,320.8	215.2	214.5	101.89	1,144.8	-6,187.6	337.2	-82.9	420.08	0.803	Level 1
15,400.0	7,252.0	15,517.1	7,321.3	218.0	217.2	101.86	1,143.7	-6,287.6	337.2	-88.4	425.54	0.792	Level 1
15,500.0	7,252.6	15,617.1	7,321.7	220.7	220.0	101.84	1,142.6	-6,387.6	337.1	-93.9	431.01	0.782	Level 1
15,600.0	7,253.1	15,717.1	7,322.2	223.5	222.8	101.81	1,141.5	-6,487.6	337.1	-99.4	436.47	0.772	Level 1
15,700.0	7,253.7	15,817.1	7,322.6	226.3	225.6	101.79	1,140.4	-6,587.6	337.1	-104.9	441.94	0.763	Level 1
15,800.0	7,254.3	15,917.1	7,323.0	229.0	228.3	101.77	1,139.3	-6,687.6	337.0	-110.4	447.41	0.753	Level 1
15,900.0	7,254.9	16,017.1	7,323.5	231.8	231.1	101.74	1,138.2	-6,787.6	337.0	-115.9	452.89	0.744	Level 1
16,000.0	7,255.5	16,117.1	7,323.9	234.6	233.9	101.72	1,137.1	-6,887.6	337.0	-121.4	458.36	0.735	Level 1
16,100.0	7,256.0	16,217.1	7,324.3	237.3	236.6	101.69	1,136.0	-6,987.6	336.9	-126.9	463.84	0.726	Level 1
16,200.0	7,256.6	16,317.1	7,324.8	240.1	239.4	101.67	1,134.9	-7,087.6	336.9	-132.4	469.32	0.718	Level 1
16,300.0	7,257.2	16,417.1	7,325.2	242.9	242.2	101.65	1,133.8	-7,187.6	336.9	-137.9	474.80	0.710	Level 1
16,400.0	7,257.8	16,517.1	7,325.6	245.7	245.0	101.62	1,132.7	-7,287.5	336.9	-143.4	480.29	0.701	Level 1
16,500.0	7,258.4	16,617.1	7,326.1	248.5	247.8	101.60	1,131.6	-7,387.5	336.8	-149.0	485.78	0.693	Level 1
16,600.0	7,259.0	16,717.1	7,326.5	251.2	250.5	101.57	1,130.5	-7,487.5	336.8	-154.5	491.27	0.686	Level 1
16,700.0	7,259.5	16,817.1	7,327.0	254.0	253.3	101.55	1,129.4	-7,587.5	336.8	-160.0	496.76	0.678	Level 1
16,800.0	7,260.1	16,917.1	7,327.4	256.8	256.1	101.52	1,128.4	-7,687.5	336.7	-165.5	502.26	0.670	Level 1
16,900.0	7,260.7	17,017.1	7,327.8	259.6	258.9	101.50	1,127.3	-7,787.5	336.7	-171.0	507.75	0.663	Level 1
17,000.0	7,261.3	17,117.1	7,328.3	262.3	261.6	101.48	1,126.2	-7,887.5	336.7	-176.6	513.25	0.656	Level 1
17,100.0	7,261.9	17,217.1	7,328.7	265.1	264.4	101.45	1,125.1	-7,987.5	336.6	-182.1	518.75	0.649	Level 1
17,200.0	7,262.4	17,317.1	7,329.1	267.9	267.2	101.43	1,124.0	-8,087.5	336.6	-187.6	524.25	0.642	Level 1
17,300.0	7,263.0	17,417.1	7,329.6	270.7	270.0	101.40	1,122.9	-8,187.5	336.6	-193.2	529.76	0.635	Level 1
17,400.0	7,263.6	17,517.1	7,330.0	273.5	272.8	101.38	1,121.8	-8,287.5	336.6	-198.7	535.26	0.629	Level 1
17,500.0	7,264.2	17,617.1	7,330.5	276.3	275.6	101.36	1,120.7	-8,387.5	336.5	-204.3	540.77	0.622	Level 1
17,600.0	7,264.8	17,717.1	7,330.9	279.0	278.3	101.33	1,119.6	-8,487.5	336.5	-209.8	546.28	0.616	Level 1
17,700.0	7,265.4	17,817.1	7,331.3	281.8	281.1	101.31	1,118.5	-8,587.5	336.5	-215.3	551.79	0.610	Level 1
17,800.0	7,265.9	17,917.1	7,331.8	284.6	283.9	101.28	1,117.4	-8,687.4	336.4	-220.9	557.31	0.604	Level 1
17,900.0	7,266.5	18,017.1	7,332.2	287.4	286.7	101.26	1,116.3	-8,787.4	336.4	-226.4	562.82	0.598	Level 1
18,000.0	7,267.1	18,117.1	7,332.6	290.2	289.5	101.24	1,115.2	-8,887.4	336.4	-232.0	568.34	0.592	Level 1
18,100.0	7,267.7	18,217.1	7,333.1	293.0	292.3	101.21	1,114.1	-8,987.4	336.3	-237.5	573.86	0.586	Level 1
18,200.0	7,268.3	18,317.1	7,333.5	295.8	295.1	101.19	1,113.0	-9,087.4	336.3	-243.1	579.38	0.580	Level 1
18,300.0	7,268.8	18,417.1	7,334.0	298.5	297.8	101.16	1,111.9	-9,187.4	336.3	-248.6	584.90	0.575	Level 1
18,310.7	7,268.9	18,427.8	7,334.0	298.8	298.1	101.16	1,111.8	-9,198.1	336.3	-249.2	585.49	0.574	Level 1, SF
18,325.8	7,269.0	18,427.8	7,334.0	299.3	298.1	101.16	1,111.8	-9,198.1	336.6	-249.3	585.91	0.575	Level 1, ES

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	0.00	14.9	0.0	14.9	14.9	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	0.00	14.9	0.0	14.9	14.7	0.22	66.474	
200.0	200.0	200.0	200.0	0.3	0.3	0.00	14.9	0.0	14.9	14.3	0.67	22.158	
300.0	300.0	300.0	300.0	0.6	0.6	0.00	14.9	0.0	14.9	13.8	1.12	13.295	
400.0	400.0	400.0	400.0	0.8	0.8	0.00	14.9	0.0	14.9	13.4	1.57	9.496	CC
500.0	500.0	499.8	499.8	1.0	1.0	4.13	15.6	1.1	15.6	13.6	2.02	7.757	
600.0	600.0	599.4	599.3	1.2	1.2	14.38	17.6	4.5	18.1	15.7	2.46	7.377	
700.0	700.0	698.9	698.6	1.5	1.5	-39.62	20.8	10.1	22.2	19.3	2.90	7.627	
800.0	799.9	798.2	797.5	1.7	1.7	-33.47	25.4	17.9	26.7	23.3	3.35	7.956	
900.0	899.7	897.4	896.0	1.9	2.0	-29.41	31.2	28.0	31.5	27.6	3.81	8.258	
1,000.0	999.3	996.5	994.1	2.1	2.3	-26.69	38.3	40.2	36.4	32.1	4.28	8.510	
1,100.0	1,098.6	1,095.4	1,091.6	2.4	2.6	-24.83	46.6	54.6	41.5	36.7	4.76	8.712	
1,200.0	1,197.5	1,194.2	1,188.5	2.7	3.0	-23.58	56.3	71.1	46.6	41.3	5.26	8.864	
1,300.0	1,296.1	1,292.9	1,284.8	3.0	3.4	-22.75	67.1	89.8	51.8	46.0	5.77	8.971	
1,400.0	1,394.2	1,391.4	1,380.3	3.4	3.8	-22.23	79.2	110.6	56.9	50.6	6.30	9.036	
1,500.0	1,491.7	1,489.8	1,475.1	3.8	4.3	-21.95	92.5	133.5	62.2	55.3	6.86	9.063	
1,600.0	1,588.6	1,588.1	1,569.0	4.2	4.9	-21.84	107.0	158.5	67.4	60.0	7.44	9.055	
1,700.0	1,684.9	1,686.3	1,662.1	4.7	5.5	-21.88	122.7	185.5	72.6	64.6	8.06	9.012	
1,800.0	1,780.4	1,784.3	1,754.2	5.3	6.1	-22.03	139.5	214.6	77.9	69.2	8.71	8.941	
1,900.0	1,875.0	1,882.2	1,845.3	5.9	6.8	-22.26	157.5	245.6	83.1	73.7	9.40	8.842	
2,000.0	1,968.9	1,980.0	1,935.3	6.5	7.5	-22.57	176.7	278.6	88.4	78.3	10.14	8.718	
2,100.0	2,061.7	2,079.2	2,025.8	7.2	8.3	-23.07	197.0	313.6	93.1	82.2	10.94	8.513	
2,200.0	2,153.6	2,179.1	2,117.0	8.0	9.1	-24.13	217.6	349.0	95.6	83.7	11.84	8.075	
2,276.3	2,223.0	2,255.4	2,186.6	8.6	9.8	-25.36	233.3	376.0	95.9	83.3	12.61	7.603	
2,300.0	2,244.5	2,279.1	2,208.2	8.8	10.0	-25.80	238.2	384.4	95.8	82.9	12.88	7.437	
2,400.0	2,335.0	2,379.0	2,299.4	9.6	10.8	-27.67	258.7	419.8	95.4	81.3	14.05	6.787	
2,500.0	2,425.5	2,479.0	2,390.6	10.5	11.6	-29.56	279.3	455.2	95.1	79.8	15.31	6.210	
2,600.0	2,516.0	2,578.9	2,481.8	11.3	12.5	-31.45	299.8	490.6	94.9	78.2	16.65	5.699	
2,700.0	2,606.6	2,678.9	2,573.0	12.2	13.3	-33.35	320.4	526.0	94.8	76.7	18.06	5.246	
2,740.2	2,643.0	2,719.1	2,609.6	12.5	13.6	-34.12	328.6	540.2	94.8	76.1	18.66	5.079	
2,800.0	2,697.1	2,778.8	2,664.1	13.0	14.1	-35.26	340.9	561.4	94.8	75.2	19.56	4.845	
2,900.0	2,787.6	2,878.8	2,755.3	13.9	15.0	-37.16	361.5	596.8	94.9	73.8	21.13	4.491	
3,000.0	2,878.1	2,978.7	2,846.5	14.8	15.8	-39.05	382.0	632.2	95.1	72.3	22.77	4.178	
3,100.0	2,968.7	3,078.7	2,937.7	15.7	16.7	-40.94	402.6	667.6	95.4	71.0	24.47	3.900	
3,200.0	3,059.2	3,178.6	3,028.9	16.5	17.5	-42.80	423.2	703.0	95.9	69.6	26.23	3.654	
3,300.0	3,149.7	3,278.6	3,120.1	17.4	18.3	-44.65	443.7	738.4	96.4	68.3	28.05	3.437	
3,400.0	3,240.2	3,378.5	3,211.2	18.3	19.2	-46.48	464.3	773.8	97.0	67.1	29.91	3.243	
3,500.0	3,330.7	3,478.5	3,302.4	19.2	20.0	-48.29	484.8	809.2	97.7	65.9	31.82	3.072	
3,600.0	3,421.3	3,578.4	3,393.6	20.1	20.9	-50.06	505.4	844.6	98.6	64.8	33.76	2.919	
3,700.0	3,511.8	3,678.4	3,484.8	21.0	21.7	-51.81	525.9	880.0	99.5	63.7	35.73	2.784	
3,800.0	3,602.3	3,778.3	3,576.0	21.8	22.6	-53.52	546.5	915.4	100.5	62.7	37.73	2.663	
3,900.0	3,692.8	3,878.3	3,667.2	22.7	23.4	-55.19	567.0	950.8	101.6	61.8	39.75	2.555	
4,000.0	3,783.4	3,978.2	3,758.4	23.6	24.3	-56.83	587.6	986.2	102.7	60.9	41.79	2.458	
4,100.0	3,873.9	4,078.2	3,849.5	24.5	25.1	-58.43	608.2	1,021.6	104.0	60.2	43.84	2.372	
4,200.0	3,964.4	4,178.1	3,940.7	25.4	26.0	-59.99	628.7	1,057.0	105.3	59.4	45.90	2.295	
4,300.0	4,054.9	4,278.1	4,031.9	26.3	26.8	-61.51	649.3	1,092.4	106.7	58.8	47.96	2.226	
4,400.0	4,145.5	4,378.0	4,123.1	27.2	27.7	-62.99	669.8	1,127.7	108.2	58.2	50.02	2.164	
4,500.0	4,236.0	4,478.0	4,214.3	28.1	28.5	-64.43	690.4	1,163.1	109.8	57.7	52.08	2.108	
4,600.0	4,326.5	4,577.9	4,305.5	29.0	29.4	-65.83	710.9	1,198.5	111.4	57.3	54.14	2.058	
4,700.0	4,417.0	4,677.9	4,396.6	29.8	30.2	-67.19	731.5	1,233.9	113.1	56.9	56.19	2.013	
4,800.0	4,507.6	4,777.8	4,487.8	30.7	31.1	-68.50	752.0	1,269.3	114.8	56.6	58.24	1.972	
4,900.0	4,598.1	4,877.8	4,579.0	31.6	31.9	-69.78	772.6	1,304.7	116.7	56.4	60.27	1.935	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,688.6	4,977.7	4,670.2	32.5	32.8	-71.02	793.2	1,340.1	118.5	56.2	62.30	1.902	
5,100.0	4,779.1	5,077.7	4,761.4	33.4	33.7	-72.22	813.7	1,375.5	120.4	56.1	64.31	1.873	
5,200.0	4,869.6	5,177.6	4,852.6	34.3	34.5	-73.38	834.3	1,410.9	122.4	56.1	66.32	1.846	
5,300.0	4,960.2	5,277.6	4,943.7	35.2	35.4	-74.50	854.8	1,446.3	124.4	56.1	68.31	1.822	
5,400.0	5,050.7	5,377.5	5,034.9	36.1	36.2	-75.59	875.4	1,481.7	126.5	56.2	70.28	1.800	
5,500.0	5,141.2	5,477.5	5,126.1	37.0	37.1	-76.64	895.9	1,517.1	128.6	56.3	72.25	1.780	
5,545.8	5,182.7	5,523.3	5,167.9	37.4	37.5	-77.11	905.4	1,533.4	129.6	56.4	73.14	1.772	
5,600.0	5,232.0	5,577.4	5,217.3	37.8	37.9	-77.46	916.5	1,552.5	130.9	56.8	74.09	1.766	
5,700.0	5,324.0	5,677.4	5,308.5	38.5	38.8	-76.98	937.0	1,587.9	133.8	58.4	75.44	1.774	
5,800.0	5,417.3	5,778.4	5,401.1	39.1	39.5	-75.55	957.3	1,622.8	137.3	61.0	76.32	1.799	
5,900.0	5,511.8	5,879.9	5,495.5	39.6	40.1	-74.15	976.0	1,655.0	140.7	63.6	77.02	1.826	
6,000.0	5,607.4	5,981.5	5,591.2	40.1	40.7	-72.81	993.0	1,684.4	143.9	66.3	77.59	1.854	
6,100.0	5,703.9	6,083.3	5,688.3	40.6	41.2	-71.52	1,008.4	1,710.8	147.0	69.0	78.03	1.884	
6,200.0	5,801.3	6,185.2	5,786.6	41.0	41.6	-70.27	1,022.0	1,734.2	149.9	71.6	78.34	1.914	
6,300.0	5,899.5	6,287.3	5,885.9	41.3	42.1	-69.06	1,033.9	1,754.7	152.7	74.2	78.53	1.945	
6,400.0	5,998.2	6,389.5	5,986.1	41.6	42.4	-67.88	1,044.0	1,772.1	155.3	76.8	78.58	1.977	
6,500.0	6,097.5	6,491.9	6,087.2	41.8	42.7	-66.73	1,052.3	1,786.4	157.8	79.3	78.52	2.010	
6,600.0	6,197.1	6,594.5	6,188.9	42.0	42.9	-65.60	1,058.8	1,797.6	160.1	81.7	78.34	2.043	
6,700.0	6,296.9	6,697.2	6,291.2	42.2	43.1	-64.49	1,063.5	1,805.7	162.2	84.1	78.05	2.078	
6,803.1	6,400.0	6,803.2	6,397.0	42.2	43.3	0.14	1,066.4	1,810.7	164.1	111.2	52.98	3.098	
6,896.1	6,493.0	6,899.0	6,492.8	42.3	43.4	0.69	1,067.3	1,812.3	165.0	111.4	53.63	3.078	
6,900.0	6,496.9	6,903.0	6,496.8	42.3	43.4	91.33	1,067.3	1,812.3	165.1	87.6	77.47	2.130	
6,950.0	6,546.8	6,953.1	6,546.8	42.3	43.4	92.02	1,067.3	1,812.3	165.1	88.0	77.12	2.141	
7,000.0	6,596.5	7,002.7	6,596.5	42.3	43.4	93.89	1,067.3	1,812.3	165.4	89.4	76.04	2.175	
7,050.0	6,645.7	7,051.9	6,645.7	42.2	43.5	96.85	1,067.3	1,812.3	166.3	92.1	74.18	2.241	
7,100.0	6,694.2	7,102.5	6,696.2	42.1	43.5	100.43	1,067.3	1,810.7	167.9	96.2	71.72	2.341	
7,150.0	6,741.6	7,153.9	6,747.4	42.0	43.5	103.92	1,067.3	1,805.4	170.2	101.1	69.10	2.464	
7,200.0	6,787.9	7,206.3	6,798.9	41.9	43.4	107.28	1,067.2	1,796.3	173.2	106.8	66.41	2.608	
7,250.0	6,832.7	7,259.4	6,850.4	41.7	43.3	110.47	1,067.0	1,783.1	176.6	112.9	63.69	2.773	
7,300.0	6,875.8	7,313.5	6,901.7	41.6	43.2	113.47	1,066.8	1,765.9	180.5	119.5	61.02	2.958	
7,350.0	6,917.1	7,368.6	6,952.4	41.4	43.0	116.26	1,066.6	1,744.5	184.7	126.3	58.45	3.160	
7,400.0	6,956.3	7,424.5	7,002.0	41.2	42.9	118.84	1,066.3	1,718.8	189.2	133.1	56.04	3.376	
7,450.0	6,993.3	7,481.4	7,050.3	41.1	42.7	121.20	1,066.0	1,688.7	193.8	139.9	53.83	3.600	
7,500.0	7,027.8	7,539.2	7,096.8	40.9	42.5	123.34	1,065.6	1,654.3	198.4	146.5	51.86	3.825	
7,550.0	7,059.7	7,597.9	7,141.0	40.8	42.3	125.26	1,065.2	1,615.7	202.9	152.7	50.19	4.042	
7,600.0	7,088.9	7,657.5	7,182.5	40.7	42.1	126.96	1,064.7	1,572.9	207.3	158.4	48.87	4.241	
7,650.0	7,115.1	7,718.0	7,220.7	40.6	41.9	128.44	1,064.2	1,526.2	211.3	163.4	47.92	4.410	
7,700.0	7,138.3	7,779.2	7,255.3	40.5	41.7	129.72	1,063.6	1,475.7	215.1	167.7	47.40	4.538	
7,750.0	7,158.4	7,841.1	7,285.8	40.5	41.6	130.79	1,063.1	1,421.9	218.4	171.1	47.31	4.616	
7,800.0	7,175.2	7,903.6	7,311.7	40.4	41.5	131.66	1,062.4	1,365.1	221.2	173.5	47.66	4.641	
7,850.0	7,188.7	7,966.6	7,332.8	40.5	41.4	132.34	1,061.8	1,305.7	223.4	175.0	48.46	4.611	
7,900.0	7,198.8	8,030.0	7,348.6	40.5	41.4	132.82	1,061.1	1,244.3	225.1	175.4	49.66	4.532	
7,950.0	7,205.5	8,093.6	7,358.9	40.6	41.4	133.11	1,060.4	1,181.5	226.1	174.9	51.23	4.413	
8,000.0	7,208.7	8,157.4	7,363.7	40.7	41.5	133.21	1,059.7	1,117.9	226.4	173.3	53.12	4.263	
8,016.7	7,209.0	8,178.6	7,364.0	40.8	41.5	133.20	1,059.5	1,096.8	226.4	172.6	53.81	4.207	
8,016.8	7,209.0	8,178.6	7,364.0	40.8	41.5	133.20	1,059.5	1,096.7	226.4	172.6	53.81	4.207	
8,018.1	7,209.0	8,180.0	7,364.0	40.8	41.5	133.20	1,059.5	1,095.4	226.4	172.6	53.82	4.207	
8,100.0	7,209.5	8,261.9	7,364.1	41.1	41.7	133.13	1,058.6	1,013.5	226.1	171.4	54.69	4.135	
8,200.0	7,210.1	8,361.9	7,364.2	41.6	42.1	133.04	1,057.5	913.5	225.8	169.8	56.01	4.032	
8,300.0	7,210.6	8,461.9	7,364.3	42.3	42.7	132.95	1,056.4	813.5	225.5	167.9	57.61	3.914	
8,400.0	7,211.2	8,561.9	7,364.4	43.2	43.5	132.86	1,055.3	713.5	225.1	165.7	59.48	3.785	
8,500.0	7,211.8	8,661.9	7,364.5	44.2	44.4	132.77	1,054.2	613.5	224.8	163.2	61.59	3.650	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,600.0	7,212.4	8,761.9	7,364.6	45.5	45.5	132.68	1,053.1	513.5	224.5	160.6	63.92	3.512	
8,700.0	7,213.0	8,861.9	7,364.7	46.8	46.8	132.59	1,052.0	413.5	224.2	157.7	66.45	3.373	
8,800.0	7,213.6	8,961.9	7,364.8	48.3	48.2	132.50	1,050.9	313.5	223.8	154.7	69.16	3.236	
8,900.0	7,214.1	9,061.9	7,364.9	50.0	49.7	132.40	1,049.8	213.5	223.5	151.5	72.04	3.103	
9,000.0	7,214.7	9,161.9	7,365.0	51.7	51.4	132.31	1,048.7	113.5	223.2	148.1	75.06	2.973	
9,100.0	7,215.3	9,261.9	7,365.1	53.6	53.2	132.22	1,047.6	13.6	222.8	144.6	78.21	2.849	
9,200.0	7,215.9	9,361.9	7,365.1	55.5	55.1	132.13	1,046.5	-86.4	222.5	141.0	81.47	2.731	
9,300.0	7,216.5	9,461.9	7,365.2	57.6	57.1	132.03	1,045.4	-186.4	222.2	137.3	84.84	2.619	
9,400.0	7,217.1	9,561.9	7,365.3	59.7	59.2	131.94	1,044.3	-286.4	221.9	133.6	88.31	2.512	
9,500.0	7,217.6	9,661.9	7,365.4	61.8	61.4	131.85	1,043.3	-386.4	221.5	129.7	91.86	2.412	
9,600.0	7,218.2	9,761.9	7,365.5	64.0	63.6	131.76	1,042.2	-486.4	221.2	125.7	95.49	2.317	
9,700.0	7,218.8	9,861.9	7,365.6	66.3	65.8	131.66	1,041.1	-586.4	220.9	121.7	99.19	2.227	
9,800.0	7,219.4	9,961.9	7,365.7	68.6	68.1	131.57	1,040.0	-686.4	220.6	117.6	102.96	2.142	
9,900.0	7,220.0	10,061.9	7,365.8	71.0	70.4	131.47	1,038.9	-786.4	220.3	113.5	106.78	2.063	
10,000.0	7,220.5	10,161.9	7,365.9	73.4	72.8	131.38	1,037.8	-886.4	219.9	109.3	110.66	1.987	
10,100.0	7,221.1	10,261.9	7,366.0	75.8	75.2	131.28	1,036.7	-986.4	219.6	105.0	114.59	1.917	
10,200.0	7,221.7	10,361.9	7,366.1	78.2	77.7	131.19	1,035.6	-1,086.4	219.3	100.7	118.56	1.850	
10,300.0	7,222.3	10,461.9	7,366.2	80.7	80.1	131.09	1,034.5	-1,186.4	219.0	96.4	122.58	1.786	
10,400.0	7,222.9	10,561.9	7,366.3	83.2	82.6	131.00	1,033.4	-1,286.4	218.7	92.0	126.64	1.727	
10,500.0	7,223.5	10,661.8	7,366.4	85.7	85.1	130.90	1,032.3	-1,386.3	218.3	87.6	130.74	1.670	
10,600.0	7,224.0	10,761.8	7,366.5	88.2	87.7	130.81	1,031.2	-1,486.3	218.0	83.1	134.87	1.617	
10,700.0	7,224.6	10,861.8	7,366.6	90.8	90.2	130.71	1,030.1	-1,586.3	217.7	78.7	139.03	1.566	
10,800.0	7,225.2	10,961.8	7,366.7	93.3	92.8	130.61	1,029.0	-1,686.3	217.4	74.2	143.23	1.518	
10,900.0	7,225.8	11,061.8	7,366.8	95.9	95.3	130.52	1,027.9	-1,786.3	217.1	69.6	147.46	1.472	Level 3
11,000.0	7,226.4	11,161.8	7,366.9	98.5	97.9	130.42	1,026.8	-1,886.3	216.7	65.0	151.71	1.429	Level 3
11,100.0	7,226.9	11,261.8	7,367.0	101.1	100.5	130.32	1,025.7	-1,986.3	216.4	60.4	155.99	1.387	Level 3
11,200.0	7,227.5	11,361.8	7,367.1	103.7	103.1	130.22	1,024.7	-2,086.3	216.1	55.8	160.30	1.348	Level 3
11,300.0	7,228.1	11,461.8	7,367.2	106.3	105.8	130.12	1,023.6	-2,186.3	215.8	51.2	164.64	1.311	Level 3
11,400.0	7,228.7	11,561.8	7,367.3	109.0	108.4	130.03	1,022.5	-2,286.3	215.5	46.5	168.99	1.275	Level 3
11,500.0	7,229.3	11,661.8	7,367.4	111.6	111.0	129.93	1,021.4	-2,386.3	215.2	41.8	173.37	1.241	Level 2
11,600.0	7,229.9	11,761.8	7,367.5	114.3	113.7	129.83	1,020.3	-2,486.3	214.9	37.1	177.78	1.209	Level 2
11,700.0	7,230.4	11,861.8	7,367.6	116.9	116.3	129.73	1,019.2	-2,586.3	214.6	32.4	182.20	1.178	Level 2
11,800.0	7,231.0	11,961.8	7,367.7	119.6	119.0	129.63	1,018.1	-2,686.3	214.2	27.6	186.65	1.148	Level 2
11,900.0	7,231.6	12,061.8	7,367.8	122.3	121.7	129.53	1,017.0	-2,786.2	213.9	22.8	191.11	1.119	Level 2
12,000.0	7,232.2	12,161.8	7,367.9	124.9	124.4	129.43	1,015.9	-2,886.2	213.6	18.0	195.60	1.092	Level 2
12,100.0	7,232.8	12,261.8	7,368.0	127.6	127.0	129.33	1,014.8	-2,986.2	213.3	13.2	200.10	1.066	Level 2
12,200.0	7,233.3	12,361.8	7,368.1	130.3	129.7	129.23	1,013.7	-3,086.2	213.0	8.4	204.63	1.041	Level 2
12,300.0	7,233.9	12,461.8	7,368.2	133.0	132.4	129.13	1,012.6	-3,186.2	212.7	3.5	209.17	1.017	Level 2
12,400.0	7,234.5	12,561.8	7,368.3	135.7	135.1	129.03	1,011.5	-3,286.2	212.4	-1.3	213.73	0.994	Level 1
12,500.0	7,235.1	12,661.8	7,368.4	138.4	137.8	128.92	1,010.4	-3,386.2	212.1	-6.2	218.30	0.972	Level 1
12,600.0	7,235.7	12,761.8	7,368.4	141.1	140.5	128.82	1,009.3	-3,486.2	211.8	-11.1	222.90	0.950	Level 1
12,700.0	7,236.3	12,861.8	7,368.5	143.8	143.2	128.72	1,008.2	-3,586.2	211.5	-16.0	227.51	0.930	Level 1
12,800.0	7,236.8	12,961.8	7,368.6	146.5	146.0	128.62	1,007.1	-3,686.2	211.2	-21.0	232.14	0.910	Level 1
12,900.0	7,237.4	13,061.8	7,368.7	149.2	148.7	128.51	1,006.1	-3,786.2	210.9	-25.9	236.78	0.891	Level 1
13,000.0	7,238.0	13,161.8	7,368.8	152.0	151.4	128.41	1,005.0	-3,886.2	210.6	-30.9	241.45	0.872	Level 1
13,100.0	7,238.6	13,261.8	7,368.9	154.7	154.1	128.31	1,003.9	-3,986.2	210.3	-35.8	246.12	0.854	Level 1
13,200.0	7,239.2	13,361.8	7,369.0	157.4	156.8	128.20	1,002.8	-4,086.2	210.0	-40.8	250.82	0.837	Level 1
13,300.0	7,239.7	13,461.8	7,369.1	160.1	159.6	128.10	1,001.7	-4,186.1	209.7	-45.8	255.52	0.821	Level 1
13,400.0	7,240.3	13,561.8	7,369.2	162.9	162.3	128.00	1,000.6	-4,286.1	209.4	-50.9	260.25	0.805	Level 1
13,500.0	7,240.9	13,661.8	7,369.3	165.6	165.0	127.89	999.5	-4,386.1	209.1	-55.9	264.99	0.789	Level 1
13,600.0	7,241.5	13,761.8	7,369.4	168.4	167.8	127.79	998.4	-4,486.1	208.8	-61.0	269.74	0.774	Level 1
13,700.0	7,242.1	13,861.8	7,369.5	171.1	170.5	127.68	997.3	-4,586.1	208.5	-66.0	274.51	0.759	Level 1

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
13,800.0	7,242.7	13,961.8	7,369.6	173.8	173.3	127.58	996.2	-4,686.1	208.2	-71.1	279.29	0.745	Level 1
13,900.0	7,243.2	14,061.8	7,369.7	176.6	176.0	127.47	995.1	-4,786.1	207.9	-76.2	284.09	0.732	Level 1
14,000.0	7,243.8	14,161.8	7,369.8	179.3	178.8	127.36	994.0	-4,886.1	207.6	-81.3	288.91	0.719	Level 1
14,100.0	7,244.4	14,261.8	7,369.9	182.1	181.5	127.26	992.9	-4,986.1	207.3	-86.4	293.73	0.706	Level 1
14,200.0	7,245.0	14,361.8	7,370.0	184.8	184.3	127.15	991.8	-5,086.1	207.0	-91.6	298.57	0.693	Level 1
14,300.0	7,245.6	14,461.8	7,370.1	187.6	187.0	127.04	990.7	-5,186.1	206.7	-96.7	303.43	0.681	Level 1
14,400.0	7,246.2	14,561.8	7,370.2	190.3	189.8	126.94	989.6	-5,286.1	206.4	-101.9	308.30	0.670	Level 1
14,500.0	7,246.7	14,661.8	7,370.3	193.1	192.5	126.83	988.6	-5,386.1	206.1	-107.1	313.18	0.658	Level 1
14,600.0	7,247.3	14,761.8	7,370.4	195.8	195.3	126.72	987.5	-5,486.1	205.8	-112.2	318.08	0.647	Level 1
14,700.0	7,247.9	14,861.8	7,370.5	198.6	198.0	126.61	986.4	-5,586.0	205.5	-117.4	322.99	0.636	Level 1
14,800.0	7,248.5	14,961.8	7,370.6	201.4	200.8	126.50	985.3	-5,686.0	205.3	-122.7	327.92	0.626	Level 1
14,900.0	7,249.1	15,061.8	7,370.7	204.1	203.6	126.40	984.2	-5,786.0	205.0	-127.9	332.86	0.616	Level 1
15,000.0	7,249.6	15,161.8	7,370.8	206.9	206.3	126.29	983.1	-5,886.0	204.7	-133.1	337.81	0.606	Level 1
15,100.0	7,250.2	15,261.8	7,370.9	209.7	209.1	126.18	982.0	-5,986.0	204.4	-138.4	342.78	0.596	Level 1
15,200.0	7,250.8	15,361.8	7,371.0	212.4	211.8	126.07	980.9	-6,086.0	204.1	-143.6	347.75	0.587	Level 1
15,300.0	7,251.4	15,461.8	7,371.1	215.2	214.6	125.96	979.8	-6,186.0	203.8	-148.9	352.75	0.578	Level 1
15,400.0	7,252.0	15,561.8	7,371.2	218.0	217.4	125.85	978.7	-6,286.0	203.5	-154.2	357.75	0.569	Level 1
15,500.0	7,252.6	15,661.8	7,371.3	220.7	220.1	125.74	977.6	-6,386.0	203.3	-159.5	362.77	0.560	Level 1
15,600.0	7,253.1	15,761.8	7,371.4	223.5	222.9	125.63	976.5	-6,486.0	203.0	-164.8	367.80	0.552	Level 1
15,700.0	7,253.7	15,861.8	7,371.5	226.3	225.7	125.51	975.4	-6,586.0	202.7	-170.2	372.85	0.544	Level 1
15,800.0	7,254.3	15,961.8	7,371.6	229.0	228.5	125.40	974.3	-6,686.0	202.4	-175.5	377.91	0.536	Level 1
15,900.0	7,254.9	16,061.8	7,371.7	231.8	231.2	125.29	973.2	-6,786.0	202.1	-180.9	382.98	0.528	Level 1
16,000.0	7,255.5	16,161.8	7,371.7	234.6	234.0	125.18	972.1	-6,886.0	201.8	-186.2	388.06	0.520	Level 1
16,100.0	7,256.0	16,261.8	7,371.8	237.3	236.8	125.07	971.0	-6,985.9	201.6	-191.6	393.16	0.513	Level 1
16,200.0	7,256.6	16,361.8	7,371.9	240.1	239.5	124.95	970.0	-7,085.9	201.3	-197.0	398.27	0.505	Level 1
16,300.0	7,257.2	16,461.8	7,372.0	242.9	242.3	124.84	968.9	-7,185.9	201.0	-202.4	403.40	0.498	Level 1
16,400.0	7,257.8	16,561.8	7,372.1	245.7	245.1	124.73	967.8	-7,285.9	200.7	-207.8	408.53	0.491	Level 1
16,500.0	7,258.4	16,661.8	7,372.2	248.5	247.9	124.61	966.7	-7,385.9	200.5	-213.2	413.68	0.485	Level 1
16,600.0	7,259.0	16,761.8	7,372.3	251.2	250.7	124.50	965.6	-7,485.9	200.2	-218.7	418.84	0.478	Level 1
16,700.0	7,259.5	16,861.8	7,372.4	254.0	253.4	124.38	964.5	-7,585.9	199.9	-224.1	424.02	0.471	Level 1
16,800.0	7,260.1	16,961.8	7,372.5	256.8	256.2	124.27	963.4	-7,685.9	199.6	-229.6	429.20	0.465	Level 1
16,900.0	7,260.7	17,061.8	7,372.6	259.6	259.0	124.15	962.3	-7,785.9	199.4	-235.0	434.40	0.459	Level 1
17,000.0	7,261.3	17,161.8	7,372.7	262.3	261.8	124.04	961.2	-7,885.9	199.1	-240.5	439.61	0.453	Level 1
17,100.0	7,261.9	17,261.8	7,372.8	265.1	264.6	123.92	960.1	-7,985.9	198.8	-246.0	444.84	0.447	Level 1
17,200.0	7,262.4	17,361.8	7,372.9	267.9	267.3	123.81	959.0	-8,085.9	198.5	-251.5	450.07	0.441	Level 1
17,300.0	7,263.0	17,461.8	7,373.0	270.7	270.1	123.69	957.9	-8,185.9	198.3	-257.1	455.32	0.435	Level 1
17,400.0	7,263.6	17,561.8	7,373.1	273.5	272.9	123.57	956.8	-8,285.9	198.0	-262.6	460.58	0.430	Level 1
17,500.0	7,264.2	17,661.8	7,373.2	276.3	275.7	123.46	955.7	-8,385.8	197.7	-268.1	465.86	0.424	Level 1
17,600.0	7,264.8	17,761.8	7,373.3	279.0	278.5	123.34	954.6	-8,485.8	197.5	-273.7	471.14	0.419	Level 1
17,700.0	7,265.4	17,861.8	7,373.4	281.8	281.3	123.22	953.5	-8,585.8	197.2	-279.2	476.44	0.414	Level 1
17,800.0	7,265.9	17,961.8	7,373.5	284.6	284.0	123.10	952.4	-8,685.8	196.9	-284.8	481.75	0.409	Level 1
17,900.0	7,266.5	18,061.8	7,373.6	287.4	286.8	122.99	951.4	-8,785.8	196.7	-290.4	487.07	0.404	Level 1
18,000.0	7,267.1	18,161.8	7,373.7	290.2	289.6	122.87	950.3	-8,885.8	196.4	-296.0	492.41	0.399	Level 1
18,100.0	7,267.7	18,261.8	7,373.8	293.0	292.4	122.75	949.2	-8,985.8	196.1	-301.6	497.76	0.394	Level 1
18,200.0	7,268.3	18,361.8	7,373.9	295.8	295.2	122.63	948.1	-9,085.8	195.9	-307.2	503.11	0.389	Level 1
18,300.0	7,268.8	18,461.8	7,374.0	298.5	298.0	122.51	947.0	-9,185.8	195.6	-312.9	508.48	0.385	Level 1
18,318.8	7,269.0	18,480.0	7,374.0	299.1	298.5	122.49	946.8	-9,204.0	195.6	-313.9	509.48	0.384	Level 1, SF
18,325.8	7,269.0	18,480.0	7,374.0	299.3	298.5	122.49	946.8	-9,204.0	195.7	-314.0	509.65	0.384	Level 1, ES

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 P-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-178.96	-15.3	-0.3	15.3	15.3	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	-178.96	-15.3	-0.3	15.3	15.1	0.22	68.089	
200.0	200.0	200.0	200.0	0.3	0.3	-178.96	-15.3	-0.3	15.3	14.6	0.67	22.696	
300.0	300.0	300.0	300.0	0.6	0.6	-178.96	-15.3	-0.3	15.3	14.2	1.12	13.618	
400.0	400.0	400.0	400.0	0.8	0.8	-178.96	-15.3	-0.3	15.3	13.7	1.57	9.727	
500.0	500.0	500.0	500.0	1.0	1.0	-178.96	-15.3	-0.3	15.3	13.3	2.02	7.565	
600.0	600.0	600.0	600.0	1.2	1.2	-178.96	-15.3	-0.3	15.3	12.8	2.47	6.190	CC
700.0	700.0	700.0	700.0	1.5	1.5	121.70	-15.3	-0.3	16.0	13.0	2.92	5.470	
800.0	799.9	799.9	799.9	1.7	1.7	132.17	-15.3	-0.3	18.3	15.0	3.36	5.454	
900.0	899.7	900.1	900.1	1.9	1.9	141.89	-14.9	1.0	22.3	18.5	3.80	5.867	
1,000.0	999.3	1,000.4	1,000.4	2.1	2.1	147.93	-13.6	4.7	26.9	22.7	4.24	6.347	
1,100.0	1,098.6	1,100.9	1,100.6	2.4	2.3	151.61	-11.5	10.9	31.9	27.2	4.69	6.805	
1,200.0	1,197.5	1,201.5	1,200.8	2.7	2.6	153.80	-8.5	19.7	37.2	32.0	5.15	7.215	
1,300.0	1,296.1	1,302.2	1,300.8	3.0	2.8	155.02	-4.7	30.9	42.6	37.0	5.63	7.571	
1,400.0	1,394.2	1,403.1	1,400.6	3.4	3.1	155.57	0.0	44.7	48.2	42.1	6.13	7.871	
1,500.0	1,491.7	1,504.1	1,500.1	3.8	3.4	155.66	5.6	61.0	54.0	47.3	6.65	8.115	
1,600.0	1,588.6	1,605.2	1,599.2	4.2	3.8	155.42	12.0	79.8	59.9	52.7	7.21	8.303	
1,700.0	1,684.9	1,706.4	1,697.9	4.7	4.2	154.94	19.2	101.0	65.9	58.1	7.81	8.438	
1,800.0	1,780.4	1,807.8	1,796.1	5.3	4.6	154.28	27.3	124.8	72.1	63.6	8.46	8.521	
1,900.0	1,875.0	1,909.2	1,893.7	5.9	5.1	153.48	36.3	151.1	78.4	69.2	9.17	8.552	
2,000.0	1,968.9	2,010.8	1,990.6	6.5	5.7	152.59	46.1	179.9	84.9	74.9	9.95	8.535	
2,100.0	2,061.7	2,112.5	2,086.8	7.2	6.3	151.62	56.7	211.1	91.5	80.7	10.80	8.474	
2,200.0	2,153.6	2,214.3	2,182.2	8.0	6.9	150.59	68.2	244.7	98.3	86.5	11.74	8.374	
2,276.3	2,223.0	2,292.1	2,254.4	8.6	7.5	149.78	77.5	272.1	103.6	91.1	12.52	8.275	
2,300.0	2,244.5	2,316.2	2,276.7	8.8	7.6	149.51	80.5	280.8	105.2	92.4	12.78	8.228	
2,400.0	2,335.0	2,418.3	2,370.3	9.6	8.4	147.94	93.6	319.4	110.7	96.7	14.00	7.902	
2,500.0	2,425.5	2,519.1	2,461.8	10.5	9.2	145.80	107.2	359.4	114.5	99.1	15.39	7.441	
2,600.0	2,516.0	2,618.9	2,552.4	11.3	10.1	143.75	120.8	399.2	118.4	101.5	16.86	7.022	
2,700.0	2,606.6	2,718.8	2,642.9	12.2	10.9	141.83	134.4	439.0	122.4	104.0	18.39	6.656	
2,800.0	2,697.1	2,818.6	2,733.5	13.0	11.8	140.03	147.9	478.8	126.5	106.5	19.97	6.336	
2,900.0	2,787.6	2,918.4	2,824.0	13.9	12.6	138.35	161.5	518.7	130.7	109.2	21.59	6.056	
3,000.0	2,878.1	3,018.3	2,914.5	14.8	13.5	136.77	175.1	558.5	135.1	111.8	23.25	5.811	
3,100.0	2,968.7	3,118.1	3,005.1	15.7	14.3	135.30	188.6	598.3	139.5	114.6	24.94	5.595	
3,200.0	3,059.2	3,218.0	3,095.6	16.5	15.2	133.91	202.2	638.1	144.1	117.4	26.65	5.405	
3,300.0	3,149.7	3,317.8	3,186.2	17.4	16.1	132.61	215.8	677.9	148.7	120.3	28.39	5.237	
3,400.0	3,240.2	3,417.6	3,276.7	18.3	17.0	131.39	229.3	717.7	153.3	123.2	30.14	5.088	
3,500.0	3,330.7	3,517.5	3,367.3	19.2	17.8	130.24	242.9	757.6	158.1	126.2	31.90	4.955	
3,600.0	3,421.3	3,617.3	3,457.8	20.1	18.7	129.16	256.5	797.4	162.9	129.2	33.68	4.836	
3,700.0	3,511.8	3,717.1	3,548.3	21.0	19.6	128.14	270.0	837.2	167.7	132.3	35.47	4.729	
3,800.0	3,602.3	3,817.0	3,638.9	21.8	20.5	127.18	283.6	877.0	172.7	135.4	37.26	4.633	
3,900.0	3,692.8	3,916.8	3,729.4	22.7	21.4	126.27	297.2	916.8	177.6	138.5	39.06	4.547	
4,000.0	3,783.4	4,016.7	3,820.0	23.6	22.3	125.41	310.8	956.7	182.6	141.7	40.87	4.468	
4,100.0	3,873.9	4,116.5	3,910.5	24.5	23.1	124.60	324.3	996.5	187.6	145.0	42.68	4.396	
4,200.0	3,964.4	4,216.3	4,001.1	25.4	24.0	123.83	337.9	1,036.3	192.7	148.2	44.50	4.331	
4,300.0	4,054.9	4,316.2	4,091.6	26.3	24.9	123.10	351.5	1,076.1	197.8	151.5	46.31	4.271	
4,400.0	4,145.5	4,416.0	4,182.1	27.2	25.8	122.40	365.0	1,115.9	202.9	154.8	48.13	4.216	
4,500.0	4,236.0	4,515.9	4,272.7	28.1	26.7	121.74	378.6	1,155.8	208.1	158.2	49.95	4.166	
4,600.0	4,326.5	4,615.7	4,363.2	29.0	27.6	121.12	392.2	1,195.6	213.3	161.5	51.77	4.120	
4,700.0	4,417.0	4,715.5	4,453.8	29.8	28.5	120.52	405.7	1,235.4	218.5	164.9	53.60	4.077	
4,800.0	4,507.6	4,815.4	4,544.3	30.7	29.4	119.95	419.3	1,275.2	223.7	168.3	55.42	4.037	
4,900.0	4,598.1	4,915.2	4,634.9	31.6	30.3	119.40	432.9	1,315.0	229.0	171.7	57.24	4.000	
5,000.0	4,688.6	5,015.1	4,725.4	32.5	31.1	118.89	446.4	1,354.9	234.3	175.2	59.07	3.966	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 P-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,100.0	4,779.1	5,114.9	4,816.0	33.4	32.0	118.39	460.0	1,394.7	239.6	178.7	60.89	3.934	
5,200.0	4,869.6	5,214.7	4,906.5	34.3	32.9	117.91	473.6	1,434.5	244.9	182.2	62.72	3.904	
5,300.0	4,960.2	5,314.6	4,997.0	35.2	33.8	117.46	487.1	1,474.3	250.2	185.7	64.54	3.877	
5,400.0	5,050.7	5,414.4	5,087.6	36.1	34.7	117.02	500.7	1,514.1	255.5	189.2	66.36	3.851	
5,500.0	5,141.2	5,514.2	5,178.1	37.0	35.6	116.61	514.3	1,554.0	260.9	192.7	68.19	3.826	
5,545.8	5,182.7	5,559.1	5,218.9	37.4	36.0	116.45	520.3	1,571.7	263.4	194.4	68.97	3.819	
5,600.0	5,232.0	5,611.6	5,266.9	37.8	36.4	116.41	527.2	1,591.8	266.4	196.7	69.78	3.818	
5,700.0	5,324.0	5,708.5	5,356.5	38.5	37.0	116.33	539.0	1,626.6	271.7	200.6	71.05	3.824	
5,800.0	5,417.3	5,805.3	5,447.3	39.1	37.6	116.26	549.9	1,658.6	276.5	204.3	72.21	3.829	
5,900.0	5,511.8	5,902.1	5,539.1	39.6	38.1	116.21	559.8	1,687.6	280.9	207.6	73.26	3.834	
6,000.0	5,607.4	6,000.0	5,632.9	40.1	38.6	116.16	568.8	1,713.9	284.8	210.6	74.21	3.838	
6,100.0	5,703.9	6,095.8	5,725.6	40.6	39.0	116.12	576.5	1,736.7	288.3	213.3	75.04	3.842	
6,200.0	5,801.3	6,192.6	5,820.1	41.0	39.4	116.08	583.4	1,756.8	291.3	215.6	75.78	3.845	
6,300.0	5,899.5	6,289.5	5,915.3	41.3	39.7	116.05	589.2	1,773.8	293.9	217.5	76.40	3.847	
6,400.0	5,998.2	6,386.3	6,010.9	41.6	40.0	116.03	593.9	1,787.8	296.0	219.1	76.93	3.848	
6,500.0	6,097.5	6,483.1	6,107.1	41.8	40.2	116.01	597.7	1,798.7	297.7	220.3	77.35	3.848	
6,600.0	6,197.1	6,579.9	6,203.5	42.0	40.4	116.00	600.3	1,806.5	298.8	221.2	77.68	3.847	
6,700.0	6,296.9	6,676.7	6,300.2	42.2	40.5	115.99	601.9	1,811.3	299.6	221.7	77.91	3.845	
6,803.1	6,400.0	6,776.5	6,400.0	42.2	40.6	179.50	602.5	1,812.9	299.8	253.0	46.86	6.398	
6,896.1	6,493.0	6,869.5	6,493.0	42.3	40.7	179.50	602.5	1,812.9	299.8	252.7	47.08	6.369	
6,900.0	6,496.9	6,873.4	6,496.9	42.3	40.7	-89.87	602.5	1,812.9	299.8	221.6	78.19	3.834	
6,927.4	6,524.3	6,900.8	6,524.3	42.3	40.7	-90.00	602.5	1,812.9	299.8	221.5	78.27	3.830	
6,950.0	6,546.8	6,923.4	6,546.8	42.3	40.7	-90.26	602.5	1,812.9	299.8	221.4	78.40	3.824	
7,000.0	6,596.5	6,973.3	6,596.7	42.3	40.7	-91.23	602.5	1,812.5	299.9	221.1	78.79	3.806	
7,050.0	6,645.7	7,023.6	6,647.0	42.2	40.7	-92.28	602.5	1,809.1	300.1	220.9	79.12	3.792	
7,100.0	6,694.2	7,074.4	6,697.2	42.1	40.7	-93.34	602.4	1,802.1	300.3	221.0	79.34	3.785	
7,150.0	6,741.6	7,125.5	6,747.2	42.0	40.6	-94.37	602.3	1,791.4	300.7	221.2	79.46	3.784	
7,200.0	6,787.9	7,177.1	6,796.7	41.9	40.5	-95.39	602.1	1,777.1	301.2	221.7	79.47	3.790	
7,250.0	6,832.7	7,229.1	6,845.5	41.7	40.4	-96.38	601.9	1,759.1	301.7	222.3	79.38	3.801	
7,300.0	6,875.8	7,281.5	6,893.2	41.6	40.2	-97.34	601.7	1,737.4	302.3	223.1	79.20	3.817	
7,350.0	6,917.1	7,334.3	6,939.5	41.4	40.1	-98.26	601.4	1,712.1	303.0	224.1	78.93	3.839	
7,400.0	6,956.3	7,387.5	6,984.1	41.2	39.9	-99.14	601.1	1,683.2	303.7	225.1	78.59	3.864	
7,450.0	6,993.3	7,441.1	7,026.8	41.1	39.7	-99.97	600.7	1,650.8	304.5	226.2	78.20	3.893	
7,500.0	7,027.8	7,495.0	7,067.2	40.9	39.6	-100.76	600.3	1,615.0	305.2	227.4	77.77	3.924	
7,550.0	7,059.7	7,549.4	7,105.1	40.8	39.4	-101.48	599.9	1,576.1	306.0	228.7	77.32	3.957	
7,600.0	7,088.9	7,604.0	7,140.1	40.7	39.3	-102.15	599.4	1,534.1	306.7	229.8	76.88	3.990	
7,650.0	7,115.1	7,659.0	7,172.0	40.6	39.2	-102.75	598.9	1,489.3	307.4	231.0	76.45	4.021	
7,700.0	7,138.3	7,714.3	7,200.4	40.5	39.1	-103.28	598.4	1,441.9	308.1	232.0	76.07	4.050	
7,750.0	7,158.4	7,769.8	7,225.3	40.5	39.1	-103.74	597.8	1,392.3	308.7	232.9	75.75	4.075	
7,800.0	7,175.2	7,825.6	7,246.3	40.4	39.2	-104.13	597.3	1,340.7	309.2	233.7	75.50	4.095	
7,850.0	7,188.7	7,881.5	7,263.2	40.5	39.2	-104.45	596.7	1,287.4	309.6	234.3	75.35	4.109	
7,900.0	7,198.8	7,937.6	7,276.0	40.5	39.4	-104.69	596.1	1,232.8	310.0	234.7	75.30	4.116	
7,950.0	7,205.5	7,993.8	7,284.5	40.6	39.5	-104.85	595.5	1,177.2	310.2	234.8	75.37	4.116	
8,000.0	7,208.7	8,050.1	7,288.6	40.7	39.7	-104.93	594.8	1,121.1	310.3	234.8	75.54	4.108	
8,016.7	7,209.0	8,068.9	7,289.0	40.8	39.8	-104.94	594.6	1,102.3	310.3	234.7	75.62	4.104	
8,016.8	7,209.0	8,069.0	7,289.0	40.8	39.8	-104.94	594.6	1,102.3	310.3	234.7	75.62	4.104	
8,018.1	7,209.0	8,070.5	7,289.0	40.8	39.8	-104.94	594.6	1,100.8	310.3	234.7	75.64	4.103	
8,100.0	7,209.5	8,152.5	7,289.4	41.1	40.3	-104.92	593.7	1,018.8	310.3	233.6	76.71	4.045	
8,200.0	7,210.1	8,252.5	7,289.8	41.6	41.0	-104.89	592.6	918.8	310.3	231.9	78.32	3.961	
8,300.0	7,210.6	8,352.5	7,290.2	42.3	41.9	-104.86	591.5	818.8	310.2	230.0	80.27	3.865	
8,400.0	7,211.2	8,452.5	7,290.7	43.2	42.9	-104.84	590.4	718.8	310.2	227.7	82.53	3.758	
8,500.0	7,211.8	8,552.5	7,291.1	44.2	44.1	-104.81	589.3	618.8	310.2	225.1	85.09	3.645	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 P-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,600.0	7,212.4	8,652.5	7,291.5	45.5	45.5	-104.79	588.2	518.8	310.1	222.2	87.90	3.528	
8,700.0	7,213.0	8,752.5	7,292.0	46.8	47.0	-104.76	587.1	418.8	310.1	219.1	90.96	3.409	
8,800.0	7,213.6	8,852.5	7,292.4	48.3	48.6	-104.73	586.1	318.8	310.0	215.8	94.24	3.290	
8,900.0	7,214.1	8,952.5	7,292.8	50.0	50.3	-104.71	585.0	218.8	310.0	212.3	97.71	3.173	
9,000.0	7,214.7	9,052.5	7,293.3	51.7	52.1	-104.68	583.9	118.8	310.0	208.6	101.35	3.058	
9,100.0	7,215.3	9,152.5	7,293.7	53.6	54.0	-104.65	582.8	18.8	309.9	204.8	105.16	2.947	
9,200.0	7,215.9	9,252.5	7,294.2	55.5	56.0	-104.63	581.7	-81.2	309.9	200.8	109.10	2.840	
9,300.0	7,216.5	9,352.5	7,294.6	57.6	58.1	-104.60	580.6	-181.1	309.9	196.7	113.18	2.738	
9,400.0	7,217.1	9,452.5	7,295.0	59.7	60.2	-104.58	579.5	-281.1	309.8	192.5	117.36	2.640	
9,500.0	7,217.6	9,552.5	7,295.5	61.8	62.4	-104.55	578.4	-381.1	309.8	188.2	121.65	2.547	
9,600.0	7,218.2	9,652.5	7,295.9	64.0	64.7	-104.52	577.3	-481.1	309.8	183.7	126.03	2.458	
9,700.0	7,218.8	9,752.5	7,296.3	66.3	66.9	-104.50	576.2	-581.1	309.7	179.2	130.49	2.374	
9,800.0	7,219.4	9,852.5	7,296.8	68.6	69.3	-104.47	575.1	-681.1	309.7	174.7	135.03	2.294	
9,900.0	7,220.0	9,952.5	7,297.2	71.0	71.6	-104.44	574.0	-781.1	309.7	170.0	139.64	2.218	
10,000.0	7,220.5	10,052.5	7,297.6	73.4	74.0	-104.42	572.9	-881.1	309.6	165.3	144.30	2.146	
10,100.0	7,221.1	10,152.5	7,298.1	75.8	76.4	-104.39	571.8	-981.1	309.6	160.6	149.02	2.078	
10,200.0	7,221.7	10,252.5	7,298.5	78.2	78.9	-104.37	570.7	-1,081.1	309.6	155.8	153.79	2.013	
10,300.0	7,222.3	10,352.5	7,298.9	80.7	81.4	-104.34	569.6	-1,181.1	309.5	150.9	158.61	1.951	
10,400.0	7,222.9	10,452.5	7,299.4	83.2	83.9	-104.31	568.5	-1,281.1	309.5	146.0	163.47	1.893	
10,500.0	7,223.5	10,552.5	7,299.8	85.7	86.4	-104.29	567.4	-1,381.1	309.5	141.1	168.37	1.838	
10,600.0	7,224.0	10,652.5	7,300.3	88.2	88.9	-104.26	566.3	-1,481.1	309.4	136.1	173.31	1.785	
10,700.0	7,224.6	10,752.5	7,300.7	90.8	91.4	-104.23	565.2	-1,581.1	309.4	131.1	178.27	1.735	
10,800.0	7,225.2	10,852.5	7,301.1	93.3	94.0	-104.21	564.1	-1,681.0	309.4	126.1	183.27	1.688	
10,900.0	7,225.8	10,952.5	7,301.6	95.9	96.6	-104.18	563.0	-1,781.0	309.3	121.0	188.30	1.643	
11,000.0	7,226.4	11,052.5	7,302.0	98.5	99.2	-104.15	562.0	-1,881.0	309.3	115.9	193.35	1.600	
11,100.0	7,226.9	11,152.5	7,302.4	101.1	101.8	-104.13	560.9	-1,981.0	309.3	110.8	198.42	1.559	
11,200.0	7,227.5	11,252.5	7,302.9	103.7	104.4	-104.10	559.8	-2,081.0	309.2	105.7	203.52	1.519	
11,300.0	7,228.1	11,352.5	7,303.3	106.3	107.0	-104.08	558.7	-2,181.0	309.2	100.6	208.63	1.482	Level 3
11,400.0	7,228.7	11,452.5	7,303.7	109.0	109.6	-104.05	557.6	-2,281.0	309.2	95.4	213.77	1.446	Level 3
11,500.0	7,229.3	11,552.5	7,304.2	111.6	112.3	-104.02	556.5	-2,381.0	309.1	90.2	218.93	1.412	Level 3
11,600.0	7,229.9	11,652.5	7,304.6	114.3	114.9	-104.00	555.4	-2,481.0	309.1	85.0	224.10	1.379	Level 3
11,700.0	7,230.4	11,752.5	7,305.0	116.9	117.6	-103.97	554.3	-2,581.0	309.1	79.8	229.28	1.348	Level 3
11,800.0	7,231.0	11,852.5	7,305.5	119.6	120.3	-103.94	553.2	-2,681.0	309.0	74.5	234.48	1.318	Level 3
11,900.0	7,231.6	11,952.5	7,305.9	122.3	122.9	-103.92	552.1	-2,781.0	309.0	69.3	239.70	1.289	Level 3
12,000.0	7,232.2	12,052.5	7,306.4	124.9	125.6	-103.89	551.0	-2,881.0	309.0	64.0	244.93	1.261	Level 3
12,100.0	7,232.8	12,152.5	7,306.8	127.6	128.3	-103.86	549.9	-2,981.0	308.9	58.8	250.17	1.235	Level 2
12,200.0	7,233.3	12,252.5	7,307.2	130.3	131.0	-103.84	548.8	-3,080.9	308.9	53.5	255.42	1.209	Level 2
12,300.0	7,233.9	12,352.5	7,307.7	133.0	133.7	-103.81	547.7	-3,180.9	308.9	48.2	260.68	1.185	Level 2
12,400.0	7,234.5	12,452.5	7,308.1	135.7	136.4	-103.79	546.6	-3,280.9	308.8	42.9	265.96	1.161	Level 2
12,500.0	7,235.1	12,552.5	7,308.5	138.4	139.1	-103.76	545.5	-3,380.9	308.8	37.6	271.24	1.138	Level 2
12,600.0	7,235.7	12,652.5	7,309.0	141.1	141.8	-103.73	544.4	-3,480.9	308.8	32.2	276.53	1.117	Level 2
12,700.0	7,236.3	12,752.5	7,309.4	143.8	144.5	-103.71	543.3	-3,580.9	308.7	26.9	281.84	1.095	Level 2
12,800.0	7,236.8	12,852.5	7,309.8	146.5	147.2	-103.68	542.2	-3,680.9	308.7	21.6	287.15	1.075	Level 2
12,900.0	7,237.4	12,952.5	7,310.3	149.2	149.9	-103.65	541.1	-3,780.9	308.7	16.2	292.46	1.055	Level 2
13,000.0	7,238.0	13,052.5	7,310.7	152.0	152.6	-103.63	540.0	-3,880.9	308.6	10.8	297.79	1.036	Level 2
13,100.0	7,238.6	13,152.5	7,311.2	154.7	155.3	-103.60	538.9	-3,980.9	308.6	5.5	303.12	1.018	Level 2
13,200.0	7,239.2	13,252.5	7,311.6	157.4	158.1	-103.57	537.9	-4,080.9	308.6	0.1	308.46	1.000	Level 2
13,300.0	7,239.7	13,352.5	7,312.0	160.1	160.8	-103.55	536.8	-4,180.9	308.5	-5.3	313.81	0.983	Level 1
13,400.0	7,240.3	13,452.5	7,312.5	162.9	163.5	-103.52	535.7	-4,280.9	308.5	-10.7	319.16	0.967	Level 1
13,500.0	7,240.9	13,552.5	7,312.9	165.6	166.3	-103.49	534.6	-4,380.9	308.5	-16.1	324.52	0.951	Level 1
13,600.0	7,241.5	13,652.5	7,313.3	168.4	169.0	-103.47	533.5	-4,480.8	308.4	-21.4	329.89	0.935	Level 1
13,700.0	7,242.1	13,752.5	7,313.8	171.1	171.7	-103.44	532.4	-4,580.8	308.4	-26.9	335.26	0.920	Level 1

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 P-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
13,800.0	7,242.7	13,852.5	7,314.2	173.8	174.5	-103.42	531.3	-4,680.8	308.4	-32.3	340.63	0.905	Level 1
13,900.0	7,243.2	13,952.5	7,314.6	176.6	177.2	-103.39	530.2	-4,780.8	308.3	-37.7	346.02	0.891	Level 1
14,000.0	7,243.8	14,052.5	7,315.1	179.3	180.0	-103.36	529.1	-4,880.8	308.3	-43.1	351.40	0.877	Level 1
14,100.0	7,244.4	14,152.5	7,315.5	182.1	182.7	-103.34	528.0	-4,980.8	308.3	-48.5	356.79	0.864	Level 1
14,200.0	7,245.0	14,252.5	7,315.9	184.8	185.5	-103.31	526.9	-5,080.8	308.2	-53.9	362.19	0.851	Level 1
14,300.0	7,245.6	14,352.5	7,316.4	187.6	188.2	-103.28	525.8	-5,180.8	308.2	-59.4	367.59	0.838	Level 1
14,400.0	7,246.2	14,452.5	7,316.8	190.3	191.0	-103.26	524.7	-5,280.8	308.2	-64.8	373.00	0.826	Level 1
14,500.0	7,246.7	14,552.5	7,317.3	193.1	193.7	-103.23	523.6	-5,380.8	308.2	-70.2	378.40	0.814	Level 1
14,600.0	7,247.3	14,652.5	7,317.7	195.8	196.5	-103.20	522.5	-5,480.8	308.1	-75.7	383.82	0.803	Level 1
14,700.0	7,247.9	14,752.5	7,318.1	198.6	199.2	-103.18	521.4	-5,580.8	308.1	-81.1	389.24	0.792	Level 1
14,800.0	7,248.5	14,852.5	7,318.6	201.4	202.0	-103.15	520.3	-5,680.8	308.1	-86.6	394.66	0.781	Level 1
14,900.0	7,249.1	14,952.5	7,319.0	204.1	204.8	-103.12	519.2	-5,780.8	308.0	-92.1	400.08	0.770	Level 1
15,000.0	7,249.6	15,052.5	7,319.4	206.9	207.5	-103.10	518.1	-5,880.7	308.0	-97.5	405.51	0.760	Level 1
15,100.0	7,250.2	15,152.5	7,319.9	209.7	210.3	-103.07	517.0	-5,980.7	308.0	-103.0	410.94	0.749	Level 1
15,200.0	7,250.8	15,252.5	7,320.3	212.4	213.1	-103.04	515.9	-6,080.7	307.9	-108.4	416.38	0.740	Level 1
15,300.0	7,251.4	15,352.5	7,320.7	215.2	215.8	-103.02	514.9	-6,180.7	307.9	-113.9	421.82	0.730	Level 1
15,400.0	7,252.0	15,452.5	7,321.2	218.0	218.6	-102.99	513.8	-6,280.7	307.9	-119.4	427.26	0.721	Level 1
15,500.0	7,252.6	15,552.5	7,321.6	220.7	221.4	-102.96	512.7	-6,380.7	307.8	-124.9	432.70	0.711	Level 1
15,600.0	7,253.1	15,652.5	7,322.1	223.5	224.1	-102.94	511.6	-6,480.7	307.8	-130.3	438.15	0.703	Level 1
15,700.0	7,253.7	15,752.5	7,322.5	226.3	226.9	-102.91	510.5	-6,580.7	307.8	-135.8	443.60	0.694	Level 1
15,800.0	7,254.3	15,852.5	7,322.9	229.0	229.7	-102.88	509.4	-6,680.7	307.8	-141.3	449.06	0.685	Level 1
15,900.0	7,254.9	15,952.5	7,323.4	231.8	232.4	-102.86	508.3	-6,780.7	307.7	-146.8	454.51	0.677	Level 1
16,000.0	7,255.5	16,052.5	7,323.8	234.6	235.2	-102.83	507.2	-6,880.7	307.7	-152.3	459.97	0.669	Level 1
16,100.0	7,256.0	16,152.5	7,324.2	237.3	238.0	-102.80	506.1	-6,980.7	307.7	-157.8	465.44	0.661	Level 1
16,200.0	7,256.6	16,252.5	7,324.7	240.1	240.8	-102.78	505.0	-7,080.7	307.6	-163.3	470.90	0.653	Level 1
16,300.0	7,257.2	16,352.5	7,325.1	242.9	243.5	-102.75	503.9	-7,180.7	307.6	-168.8	476.37	0.646	Level 1
16,400.0	7,257.8	16,452.5	7,325.5	245.7	246.3	-102.73	502.8	-7,280.6	307.6	-174.3	481.84	0.638	Level 1
16,500.0	7,258.4	16,552.5	7,326.0	248.5	249.1	-102.70	501.7	-7,380.6	307.5	-179.8	487.31	0.631	Level 1
16,600.0	7,259.0	16,652.5	7,326.4	251.2	251.9	-102.67	500.6	-7,480.6	307.5	-185.3	492.78	0.624	Level 1
16,700.0	7,259.5	16,752.5	7,326.8	254.0	254.6	-102.65	499.5	-7,580.6	307.5	-190.8	498.26	0.617	Level 1
16,800.0	7,260.1	16,852.5	7,327.3	256.8	257.4	-102.62	498.4	-7,680.6	307.5	-196.3	503.74	0.610	Level 1
16,900.0	7,260.7	16,952.5	7,327.7	259.6	260.2	-102.59	497.3	-7,780.6	307.4	-201.8	509.22	0.604	Level 1
17,000.0	7,261.3	17,052.5	7,328.2	262.3	263.0	-102.57	496.2	-7,880.6	307.4	-207.3	514.71	0.597	Level 1
17,100.0	7,261.9	17,152.5	7,328.6	265.1	265.8	-102.54	495.1	-7,980.6	307.4	-212.8	520.19	0.591	Level 1
17,200.0	7,262.4	17,252.5	7,329.0	267.9	268.5	-102.51	494.0	-8,080.6	307.3	-218.3	525.68	0.585	Level 1
17,300.0	7,263.0	17,352.5	7,329.5	270.7	271.3	-102.49	492.9	-8,180.6	307.3	-223.9	531.17	0.579	Level 1
17,400.0	7,263.6	17,452.5	7,329.9	273.5	274.1	-102.46	491.8	-8,280.6	307.3	-229.4	536.67	0.573	Level 1
17,500.0	7,264.2	17,552.5	7,330.3	276.3	276.9	-102.43	490.8	-8,380.6	307.2	-234.9	542.16	0.567	Level 1
17,600.0	7,264.8	17,652.5	7,330.8	279.0	279.7	-102.41	489.7	-8,480.6	307.2	-240.4	547.66	0.561	Level 1
17,700.0	7,265.4	17,752.5	7,331.2	281.8	282.5	-102.38	488.6	-8,580.6	307.2	-246.0	553.15	0.555	Level 1
17,800.0	7,265.9	17,852.5	7,331.6	284.6	285.2	-102.35	487.5	-8,680.5	307.2	-251.5	558.66	0.550	Level 1
17,900.0	7,266.5	17,952.5	7,332.1	287.4	288.0	-102.33	486.4	-8,780.5	307.1	-257.0	564.16	0.544	Level 1
18,000.0	7,267.1	18,052.5	7,332.5	290.2	290.8	-102.30	485.3	-8,880.5	307.1	-262.6	569.66	0.539	Level 1
18,100.0	7,267.7	18,152.5	7,333.0	293.0	293.6	-102.27	484.2	-8,980.5	307.1	-268.1	575.17	0.534	Level 1
18,200.0	7,268.3	18,252.5	7,333.4	295.8	296.4	-102.24	483.1	-9,080.5	307.0	-273.6	580.68	0.529	Level 1
18,300.0	7,268.8	18,352.5	7,333.8	298.5	299.2	-102.22	482.0	-9,180.5	307.0	-279.2	586.19	0.524	Level 1
18,325.8	7,269.0	18,378.3	7,333.9	299.3	299.9	-102.21	481.7	-9,206.4	307.0	-280.6	587.61	0.522	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-179.47	-30.2	-0.3	30.2				
100.0	100.0	100.0	100.0	0.1	0.1	-179.47	-30.2	-0.3	30.2	30.0	0.22	134.522	
200.0	200.0	200.0	200.0	0.3	0.3	-179.47	-30.2	-0.3	30.2	29.6	0.67	44.841	
300.0	300.0	300.0	300.0	0.6	0.6	-179.47	-30.2	-0.3	30.2	29.1	1.12	26.904	
400.0	400.0	400.0	400.0	0.8	0.8	-179.47	-30.2	-0.3	30.2	28.7	1.57	19.217	
500.0	500.0	500.0	500.0	1.0	1.0	-179.47	-30.2	-0.3	30.2	28.2	2.02	14.947	
600.0	600.0	600.2	600.2	1.2	1.2	178.09	-29.9	1.0	29.9	27.5	2.46	12.158	
666.2	666.2	666.5	666.4	1.4	1.4	111.23	-29.4	3.2	29.8	27.0	2.75	10.827	CC
700.0	700.0	700.3	700.2	1.5	1.4	109.46	-29.0	4.8	29.8	26.9	2.90	10.298	
800.0	799.9	800.3	800.0	1.7	1.7	104.17	-27.5	11.2	30.5	27.2	3.34	9.142	
900.0	899.7	900.2	899.5	1.9	1.9	99.10	-25.3	20.1	32.0	28.2	3.81	8.419	
1,000.0	999.3	1,000.0	998.6	2.1	2.2	94.55	-22.6	31.5	34.4	30.1	4.31	7.979	
1,100.0	1,098.6	1,099.8	1,097.3	2.4	2.5	90.68	-19.2	45.4	37.5	32.6	4.86	7.717	
1,200.0	1,197.5	1,199.5	1,195.6	2.7	2.8	87.55	-15.3	61.8	41.3	35.9	5.46	7.566	
1,300.0	1,296.1	1,299.0	1,293.2	3.0	3.2	85.09	-10.7	80.7	45.8	39.7	6.13	7.477	
1,400.0	1,394.2	1,398.5	1,390.2	3.4	3.6	83.21	-5.6	102.0	50.9	44.1	6.86	7.421	
1,500.0	1,491.7	1,497.8	1,486.5	3.8	4.0	81.83	0.1	125.7	56.6	49.0	7.68	7.377	
1,600.0	1,588.6	1,597.1	1,582.0	4.2	4.5	80.83	6.4	151.8	62.9	54.3	8.58	7.336	
1,700.0	1,684.9	1,696.2	1,676.7	4.7	5.1	80.14	13.3	180.3	69.8	60.2	9.57	7.291	
1,800.0	1,780.4	1,795.2	1,770.5	5.3	5.7	79.69	20.7	211.2	77.1	66.5	10.65	7.239	
1,900.0	1,875.0	1,894.1	1,863.3	5.9	6.4	79.42	28.7	244.3	85.0	73.2	11.84	7.180	
2,000.0	1,968.9	1,993.0	1,955.3	6.5	7.1	79.31	37.2	279.7	93.4	80.3	13.13	7.114	
2,100.0	2,061.7	2,092.6	2,047.5	7.2	7.8	80.18	46.0	316.3	101.7	87.1	14.55	6.989	
2,200.0	2,153.6	2,192.2	2,139.8	8.0	8.6	82.26	54.8	352.8	109.6	93.5	16.10	6.809	
2,276.3	2,223.0	2,268.2	2,210.2	8.6	9.1	84.51	61.5	380.6	115.6	98.2	17.36	6.658	
2,300.0	2,244.5	2,291.7	2,232.0	8.8	9.3	85.30	63.6	389.2	117.5	99.7	17.76	6.613	
2,400.0	2,335.0	2,391.2	2,324.1	9.6	10.1	88.39	72.4	425.7	125.6	106.1	19.45	6.456	
2,500.0	2,425.5	2,490.6	2,416.2	10.5	10.9	91.09	81.2	462.1	134.0	112.9	21.13	6.342	
2,600.0	2,516.0	2,590.1	2,508.3	11.3	11.6	93.47	90.0	498.6	142.7	119.9	22.80	6.260	
2,700.0	2,606.6	2,689.5	2,600.4	12.2	12.4	95.57	98.8	535.0	151.6	127.2	24.45	6.201	
2,800.0	2,697.1	2,789.0	2,692.5	13.0	13.2	97.44	107.5	571.5	160.7	134.6	26.09	6.160	
2,900.0	2,787.6	2,888.4	2,784.7	13.9	14.0	99.11	116.3	608.0	170.0	142.3	27.72	6.132	
3,000.0	2,878.1	2,987.9	2,876.8	14.8	14.8	100.60	125.1	644.4	179.3	150.0	29.33	6.114	
3,100.0	2,968.7	3,087.4	2,968.9	15.7	15.5	101.95	133.9	680.9	188.8	157.9	30.94	6.104	
3,200.0	3,059.2	3,186.8	3,061.0	16.5	16.3	103.16	142.7	717.3	198.4	165.9	32.53	6.099	
3,300.0	3,149.7	3,286.3	3,153.1	17.4	17.1	104.27	151.4	753.8	208.1	173.9	34.12	6.098	
3,400.0	3,240.2	3,385.7	3,245.2	18.3	17.9	105.27	160.2	790.2	217.8	182.1	35.70	6.101	
3,500.0	3,330.7	3,485.2	3,337.4	19.2	18.7	106.19	169.0	826.7	227.6	190.3	37.27	6.106	
3,600.0	3,421.3	3,584.6	3,429.5	20.1	19.5	107.04	177.8	863.1	237.4	198.6	38.84	6.112	
3,700.0	3,511.8	3,684.1	3,521.6	21.0	20.3	107.81	186.6	899.6	247.3	206.9	40.41	6.121	
3,800.0	3,602.3	3,783.5	3,613.7	21.8	21.1	108.53	195.4	936.0	257.2	215.3	41.96	6.130	
3,900.0	3,692.8	3,883.0	3,705.8	22.7	21.9	109.19	204.1	972.5	267.2	223.7	43.52	6.140	
4,000.0	3,783.4	3,982.5	3,797.9	23.6	22.7	109.81	212.9	1,008.9	277.2	232.1	45.07	6.151	
4,100.0	3,873.9	4,081.9	3,890.1	24.5	23.4	110.38	221.7	1,045.4	287.2	240.6	46.62	6.162	
4,200.0	3,964.4	4,181.4	3,982.2	25.4	24.2	110.92	230.5	1,081.8	297.3	249.1	48.16	6.173	
4,300.0	4,054.9	4,280.8	4,074.3	26.3	25.0	111.41	239.3	1,118.3	307.4	257.7	49.70	6.184	
4,400.0	4,145.5	4,380.3	4,166.4	27.2	25.8	111.88	248.1	1,154.7	317.5	266.2	51.24	6.196	
4,500.0	4,236.0	4,479.7	4,258.5	28.1	26.6	112.32	256.8	1,191.2	327.6	274.8	52.78	6.207	
4,600.0	4,326.5	4,579.2	4,350.6	29.0	27.4	112.73	265.6	1,227.6	337.7	283.4	54.32	6.218	
4,700.0	4,417.0	4,678.7	4,442.8	29.8	28.2	113.12	274.4	1,264.1	347.9	292.1	55.85	6.229	
4,800.0	4,507.6	4,778.1	4,534.9	30.7	29.0	113.49	283.2	1,300.5	358.1	300.7	57.38	6.240	
4,900.0	4,598.1	4,877.6	4,627.0	31.6	29.8	113.83	292.0	1,337.0	368.3	309.3	58.91	6.251	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,688.6	4,977.0	4,719.1	32.5	30.6	114.16	300.8	1,373.5	378.5	318.0	60.44	6.261	
5,100.0	4,779.1	5,076.5	4,811.2	33.4	31.4	114.47	309.5	1,409.9	388.7	326.7	61.97	6.272	
5,200.0	4,869.6	5,175.9	4,903.4	34.3	32.2	114.76	318.3	1,446.4	398.9	335.4	63.50	6.282	
5,300.0	4,960.2	5,275.4	4,995.5	35.2	33.0	115.04	327.1	1,482.8	409.1	344.1	65.02	6.292	
5,400.0	5,050.7	5,374.8	5,087.6	36.1	33.8	115.31	335.9	1,519.3	419.3	352.8	66.55	6.302	
5,500.0	5,141.2	5,474.3	5,179.7	37.0	34.6	115.56	344.7	1,555.7	429.6	361.5	68.07	6.311	
5,545.8	5,182.7	5,519.9	5,221.9	37.4	34.9	115.68	348.7	1,572.4	434.3	365.5	68.77	6.315	
5,600.0	5,232.0	5,573.8	5,271.8	37.8	35.4	115.84	353.5	1,592.2	439.6	370.1	69.56	6.320	
5,700.0	5,324.0	5,671.7	5,362.7	38.5	36.1	115.86	362.0	1,627.7	448.4	377.5	70.93	6.322	
5,800.0	5,417.3	5,767.8	5,452.8	39.1	36.7	115.84	369.8	1,660.1	456.3	384.2	72.11	6.329	
5,900.0	5,511.8	5,863.9	5,544.0	39.6	37.2	115.81	376.9	1,689.5	463.6	390.4	73.16	6.336	
6,000.0	5,607.4	5,960.0	5,636.2	40.1	37.7	115.80	383.3	1,715.9	470.1	396.0	74.11	6.343	
6,100.0	5,703.9	6,056.2	5,729.4	40.6	38.1	115.78	388.9	1,739.3	475.8	400.9	74.95	6.348	
6,200.0	5,801.3	6,152.4	5,823.3	41.0	38.4	115.77	393.8	1,759.7	480.8	405.1	75.68	6.353	
6,300.0	5,899.5	6,248.7	5,917.8	41.3	38.8	115.76	398.0	1,777.0	485.0	408.7	76.32	6.356	
6,400.0	5,998.2	6,345.0	6,013.0	41.6	39.0	115.76	401.4	1,791.2	488.5	411.7	76.85	6.357	
6,500.0	6,097.5	6,441.2	6,108.6	41.8	39.2	115.75	404.1	1,802.3	491.2	414.0	77.27	6.357	
6,600.0	6,197.1	6,537.5	6,204.5	42.0	39.4	115.75	406.0	1,810.2	493.2	415.6	77.61	6.355	
6,700.0	6,296.9	6,633.8	6,300.7	42.2	39.5	115.75	407.2	1,815.0	494.4	416.5	77.84	6.351	
6,803.1	6,400.0	6,733.1	6,400.0	42.2	39.6	179.26	407.6	1,816.7	494.8	449.7	45.10	10.971	
6,896.1	6,493.0	6,826.1	6,493.0	42.3	39.7	179.26	407.6	1,816.7	494.8	449.5	45.32	10.916	
6,900.0	6,496.9	6,830.0	6,496.9	42.3	39.7	-90.11	407.6	1,816.7	494.8	416.6	78.13	6.333	
6,950.0	6,546.8	6,880.0	6,546.8	42.3	39.7	-90.35	407.6	1,816.7	494.8	416.5	78.26	6.322	
7,000.0	6,596.5	6,929.7	6,596.5	42.3	39.8	-90.97	407.6	1,816.7	494.8	416.4	78.49	6.304	
7,050.0	6,645.7	6,978.9	6,645.7	42.2	39.8	-91.97	407.6	1,816.7	495.1	416.3	78.80	6.283	
7,100.0	6,694.2	7,029.2	6,696.1	42.1	39.8	-93.19	407.5	1,815.1	495.6	416.5	79.08	6.267	
7,150.0	6,741.6	7,080.5	6,747.0	42.0	39.8	-94.40	407.5	1,809.8	496.3	417.1	79.24	6.263	
7,200.0	6,787.9	7,132.6	6,798.3	41.9	39.7	-95.60	407.4	1,800.8	497.3	418.0	79.30	6.271	
7,250.0	6,832.7	7,185.5	6,849.6	41.7	39.6	-96.78	407.2	1,787.8	498.4	419.2	79.23	6.291	
7,300.0	6,875.8	7,239.4	6,900.7	41.6	39.5	-97.93	407.1	1,770.7	499.8	420.7	79.05	6.322	
7,350.0	6,917.1	7,294.1	6,951.1	41.4	39.4	-99.05	406.8	1,749.4	501.3	422.5	78.77	6.363	
7,400.0	6,956.3	7,349.8	7,000.6	41.2	39.2	-100.12	406.5	1,723.9	502.9	424.5	78.40	6.414	
7,450.0	6,993.3	7,406.5	7,048.7	41.1	39.0	-101.15	406.2	1,694.1	504.6	426.6	77.95	6.473	
7,500.0	7,027.8	7,464.0	7,095.1	40.9	38.8	-102.12	405.8	1,660.0	506.4	428.9	77.45	6.538	
7,550.0	7,059.7	7,522.5	7,139.2	40.8	38.6	-103.03	405.4	1,621.7	508.2	431.3	76.91	6.608	
7,600.0	7,088.9	7,581.8	7,180.7	40.7	38.5	-103.86	405.0	1,579.2	509.9	433.6	76.35	6.679	
7,650.0	7,115.1	7,642.0	7,219.0	40.6	38.3	-104.63	404.4	1,532.8	511.6	435.8	75.81	6.749	
7,700.0	7,138.3	7,703.0	7,253.7	40.5	38.2	-105.31	403.9	1,482.6	513.2	437.9	75.31	6.814	
7,750.0	7,158.4	7,764.7	7,284.3	40.5	38.2	-105.90	403.3	1,429.1	514.6	439.8	74.89	6.872	
7,800.0	7,175.2	7,827.1	7,310.4	40.4	38.2	-106.40	402.7	1,372.5	515.9	441.3	74.55	6.920	
7,850.0	7,188.7	7,889.9	7,331.7	40.5	38.3	-106.80	402.0	1,313.4	516.9	442.6	74.32	6.955	
7,900.0	7,198.8	7,953.2	7,347.8	40.5	38.4	-107.10	401.4	1,252.2	517.7	443.5	74.23	6.974	
7,950.0	7,205.5	8,016.8	7,358.5	40.6	38.6	-107.30	400.7	1,189.6	518.2	443.9	74.28	6.977	
8,000.0	7,208.7	8,080.6	7,363.6	40.7	38.9	-107.39	400.0	1,126.0	518.4	444.0	74.46	6.963	
8,016.7	7,209.0	8,101.9	7,364.0	40.8	38.9	-107.39	399.7	1,104.7	518.5	443.9	74.55	6.955	
8,016.8	7,209.0	8,102.0	7,364.0	40.8	38.9	-107.39	399.7	1,104.6	518.5	443.9	74.55	6.954	
8,018.1	7,209.0	8,103.7	7,364.0	40.8	39.0	-107.39	399.7	1,102.9	518.5	443.9	74.57	6.953	
8,100.0	7,209.5	8,185.9	7,364.1	41.1	39.4	-107.35	398.8	1,020.7	518.3	442.7	75.61	6.855	
8,200.0	7,210.1	8,285.9	7,364.2	41.6	40.2	-107.30	397.7	920.7	518.2	441.0	77.20	6.713	
8,300.0	7,210.6	8,385.9	7,364.3	42.3	41.1	-107.25	396.6	820.7	518.1	438.9	79.12	6.548	
8,400.0	7,211.2	8,485.9	7,364.4	43.2	42.2	-107.20	395.5	720.7	517.9	436.6	81.35	6.367	
8,500.0	7,211.8	8,585.9	7,364.5	44.2	43.4	-107.15	394.4	620.7	517.8	433.9	83.87	6.174	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,600.0	7,212.4	8,685.9	7,364.6	45.5	44.8	-107.10	393.3	520.7	517.6	431.0	86.65	5.974	
8,700.0	7,213.0	8,785.9	7,364.7	46.8	46.3	-107.04	392.2	420.7	517.5	427.8	89.68	5.770	
8,800.0	7,213.6	8,885.9	7,364.8	48.3	47.9	-106.99	391.2	320.7	517.3	424.4	92.92	5.568	
8,900.0	7,214.1	8,985.9	7,364.9	50.0	49.7	-106.94	390.1	220.8	517.2	420.8	96.36	5.367	
9,000.0	7,214.7	9,085.9	7,364.9	51.7	51.5	-106.89	389.0	120.8	517.1	417.1	99.98	5.172	
9,100.0	7,215.3	9,185.9	7,365.0	53.6	53.5	-106.84	387.9	20.8	516.9	413.2	103.75	4.983	
9,200.0	7,215.9	9,285.9	7,365.1	55.5	55.5	-106.79	386.8	-79.2	516.8	409.1	107.66	4.800	
9,300.0	7,216.5	9,385.9	7,365.2	57.6	57.5	-106.74	385.7	-179.2	516.7	404.9	111.70	4.625	
9,400.0	7,217.1	9,485.9	7,365.3	59.7	59.7	-106.68	384.6	-279.2	516.5	400.7	115.86	4.458	
9,500.0	7,217.6	9,585.9	7,365.4	61.8	61.9	-106.63	383.5	-379.2	516.4	396.3	120.12	4.299	
9,600.0	7,218.2	9,685.9	7,365.5	64.0	64.1	-106.58	382.4	-479.2	516.2	391.8	124.47	4.148	
9,700.0	7,218.8	9,785.9	7,365.6	66.3	66.4	-106.53	381.3	-579.2	516.1	387.2	128.90	4.004	
9,800.0	7,219.4	9,885.9	7,365.7	68.6	68.7	-106.48	380.2	-679.2	516.0	382.5	133.41	3.867	
9,900.0	7,220.0	9,985.9	7,365.8	71.0	71.1	-106.43	379.1	-779.2	515.8	377.8	137.99	3.738	
10,000.0	7,220.5	10,085.9	7,365.9	73.4	73.5	-106.37	378.0	-879.2	515.7	373.1	142.63	3.615	
10,100.0	7,221.1	10,185.9	7,366.0	75.8	75.9	-106.32	376.9	-979.2	515.6	368.2	147.33	3.499	
10,200.0	7,221.7	10,285.9	7,366.1	78.2	78.4	-106.27	375.8	-1,079.2	515.4	363.3	152.08	3.389	
10,300.0	7,222.3	10,385.9	7,366.2	80.7	80.8	-106.22	374.7	-1,179.1	515.3	358.4	156.88	3.285	
10,400.0	7,222.9	10,485.9	7,366.3	83.2	83.3	-106.17	373.6	-1,279.1	515.2	353.4	161.71	3.186	
10,500.0	7,223.5	10,585.9	7,366.4	85.7	85.8	-106.11	372.5	-1,379.1	515.0	348.4	166.59	3.091	
10,600.0	7,224.0	10,685.9	7,366.5	88.2	88.4	-106.06	371.5	-1,479.1	514.9	343.4	171.51	3.002	
10,700.0	7,224.6	10,785.9	7,366.6	90.8	90.9	-106.01	370.4	-1,579.1	514.8	338.3	176.46	2.917	
10,800.0	7,225.2	10,885.9	7,366.7	93.3	93.5	-105.96	369.3	-1,679.1	514.6	333.2	181.44	2.836	
10,900.0	7,225.8	10,985.9	7,366.8	95.9	96.1	-105.91	368.2	-1,779.1	514.5	328.0	186.45	2.759	
11,000.0	7,226.4	11,085.9	7,366.9	98.5	98.7	-105.85	367.1	-1,879.1	514.4	322.9	191.48	2.686	
11,100.0	7,226.9	11,185.9	7,367.0	101.1	101.3	-105.80	366.0	-1,979.1	514.2	317.7	196.54	2.616	
11,200.0	7,227.5	11,285.9	7,367.1	103.7	103.9	-105.75	364.9	-2,079.1	514.1	312.5	201.63	2.550	
11,300.0	7,228.1	11,385.9	7,367.2	106.3	106.5	-105.70	363.8	-2,179.1	514.0	307.2	206.73	2.486	
11,400.0	7,228.7	11,485.9	7,367.3	109.0	109.1	-105.65	362.7	-2,279.1	513.8	302.0	211.86	2.425	
11,500.0	7,229.3	11,585.9	7,367.4	111.6	111.8	-105.59	361.6	-2,379.1	513.7	296.7	217.00	2.367	
11,600.0	7,229.9	11,685.9	7,367.5	114.3	114.4	-105.54	360.5	-2,479.0	513.6	291.4	222.17	2.312	
11,700.0	7,230.4	11,785.9	7,367.6	116.9	117.1	-105.49	359.4	-2,579.0	513.4	286.1	227.35	2.258	
11,800.0	7,231.0	11,885.9	7,367.7	119.6	119.7	-105.44	358.3	-2,679.0	513.3	280.8	232.54	2.207	
11,900.0	7,231.6	11,985.9	7,367.8	122.3	122.4	-105.39	357.2	-2,779.0	513.2	275.4	237.75	2.159	
12,000.0	7,232.2	12,085.9	7,367.9	124.9	125.1	-105.33	356.1	-2,879.0	513.1	270.1	242.98	2.112	
12,100.0	7,232.8	12,185.9	7,368.0	127.6	127.8	-105.28	355.0	-2,979.0	512.9	264.7	248.21	2.067	
12,200.0	7,233.3	12,285.9	7,368.0	130.3	130.4	-105.23	353.9	-3,079.0	512.8	259.3	253.46	2.023	
12,300.0	7,233.9	12,385.9	7,368.1	133.0	133.1	-105.18	352.8	-3,179.0	512.7	254.0	258.73	1.982	
12,400.0	7,234.5	12,485.9	7,368.2	135.7	135.8	-105.12	351.8	-3,279.0	512.6	248.6	264.00	1.941	
12,500.0	7,235.1	12,585.9	7,368.3	138.4	138.5	-105.07	350.7	-3,379.0	512.4	243.1	269.29	1.903	
12,600.0	7,235.7	12,685.9	7,368.4	141.1	141.2	-105.02	349.6	-3,479.0	512.3	237.7	274.58	1.866	
12,700.0	7,236.3	12,785.9	7,368.5	143.8	143.9	-104.97	348.5	-3,579.0	512.2	232.3	279.89	1.830	
12,800.0	7,236.8	12,885.9	7,368.6	146.5	146.7	-104.91	347.4	-3,679.0	512.1	226.9	285.20	1.795	
12,900.0	7,237.4	12,985.9	7,368.7	149.2	149.4	-104.86	346.3	-3,779.0	511.9	221.4	290.53	1.762	
13,000.0	7,238.0	13,085.9	7,368.8	152.0	152.1	-104.81	345.2	-3,878.9	511.8	216.0	295.86	1.730	
13,100.0	7,238.6	13,185.9	7,368.9	154.7	154.8	-104.76	344.1	-3,978.9	511.7	210.5	301.20	1.699	
13,200.0	7,239.2	13,285.9	7,369.0	157.4	157.6	-104.70	343.0	-4,078.9	511.6	205.0	306.55	1.669	
13,300.0	7,239.7	13,385.9	7,369.1	160.1	160.3	-104.65	341.9	-4,178.9	511.4	199.5	311.91	1.640	
13,400.0	7,240.3	13,485.9	7,369.2	162.9	163.0	-104.60	340.8	-4,278.9	511.3	194.1	317.28	1.612	
13,500.0	7,240.9	13,585.8	7,369.3	165.6	165.7	-104.55	339.7	-4,378.9	511.2	188.6	322.65	1.584	
13,600.0	7,241.5	13,685.8	7,369.4	168.4	168.5	-104.49	338.6	-4,478.9	511.1	183.1	328.03	1.558	
13,700.0	7,242.1	13,785.8	7,369.5	171.1	171.2	-104.44	337.5	-4,578.9	511.0	177.6	333.41	1.533	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
13,800.0	7,242.7	13,885.8	7,369.6	173.8	174.0	-104.39	336.4	-4,678.9	510.8	172.0	338.81	1.508	
13,900.0	7,243.2	13,985.8	7,369.7	176.6	176.7	-104.33	335.3	-4,778.9	510.7	166.5	344.20	1.484	Level 3
14,000.0	7,243.8	14,085.8	7,369.8	179.3	179.5	-104.28	334.2	-4,878.9	510.6	161.0	349.61	1.461	Level 3
14,100.0	7,244.4	14,185.8	7,369.9	182.1	182.2	-104.23	333.1	-4,978.9	510.5	155.5	355.02	1.438	Level 3
14,200.0	7,245.0	14,285.8	7,370.0	184.8	185.0	-104.18	332.1	-5,078.9	510.4	149.9	360.44	1.416	Level 3
14,300.0	7,245.6	14,385.8	7,370.1	187.6	187.7	-104.12	331.0	-5,178.9	510.3	144.4	365.86	1.395	Level 3
14,400.0	7,246.2	14,485.8	7,370.2	190.3	190.5	-104.07	329.9	-5,278.8	510.1	138.9	371.29	1.374	Level 3
14,500.0	7,246.7	14,585.8	7,370.3	193.1	193.2	-104.02	328.8	-5,378.8	510.0	133.3	376.72	1.354	Level 3
14,600.0	7,247.3	14,685.8	7,370.4	195.8	196.0	-103.96	327.7	-5,478.8	509.9	127.7	382.16	1.334	Level 3
14,700.0	7,247.9	14,785.8	7,370.5	198.6	198.7	-103.91	326.6	-5,578.8	509.8	122.2	387.60	1.315	Level 3
14,800.0	7,248.5	14,885.8	7,370.6	201.4	201.5	-103.86	325.5	-5,678.8	509.7	116.6	393.05	1.297	Level 3
14,900.0	7,249.1	14,985.8	7,370.7	204.1	204.2	-103.81	324.4	-5,778.8	509.6	111.1	398.50	1.279	Level 3
15,000.0	7,249.6	15,085.8	7,370.8	206.9	207.0	-103.75	323.3	-5,878.8	509.4	105.5	403.95	1.261	Level 3
15,100.0	7,250.2	15,185.8	7,370.9	209.7	209.8	-103.70	322.2	-5,978.8	509.3	99.9	409.42	1.244	Level 2
15,200.0	7,250.8	15,285.8	7,371.0	212.4	212.5	-103.65	321.1	-6,078.8	509.2	94.3	414.88	1.227	Level 2
15,300.0	7,251.4	15,385.8	7,371.0	215.2	215.3	-103.59	320.0	-6,178.8	509.1	88.8	420.35	1.211	Level 2
15,400.0	7,252.0	15,485.8	7,371.1	218.0	218.1	-103.54	318.9	-6,278.8	509.0	83.2	425.82	1.195	Level 2
15,500.0	7,252.6	15,585.8	7,371.2	220.7	220.8	-103.49	317.8	-6,378.8	508.9	77.6	431.30	1.180	Level 2
15,600.0	7,253.1	15,685.8	7,371.3	223.5	223.6	-103.43	316.7	-6,478.8	508.8	72.0	436.78	1.165	Level 2
15,700.0	7,253.7	15,785.8	7,371.4	226.3	226.4	-103.38	315.6	-6,578.8	508.7	66.4	442.27	1.150	Level 2
15,800.0	7,254.3	15,885.8	7,371.5	229.0	229.1	-103.33	314.5	-6,678.7	508.5	60.8	447.76	1.136	Level 2
15,900.0	7,254.9	15,985.8	7,371.6	231.8	231.9	-103.27	313.4	-6,778.7	508.4	55.2	453.25	1.122	Level 2
16,000.0	7,255.5	16,085.8	7,371.7	234.6	234.7	-103.22	312.4	-6,878.7	508.3	49.6	458.75	1.108	Level 2
16,100.0	7,256.0	16,185.8	7,371.8	237.3	237.5	-103.17	311.3	-6,978.7	508.2	44.0	464.25	1.095	Level 2
16,200.0	7,256.6	16,285.8	7,371.9	240.1	240.2	-103.11	310.2	-7,078.7	508.1	38.4	469.75	1.082	Level 2
16,300.0	7,257.2	16,385.8	7,372.0	242.9	243.0	-103.06	309.1	-7,178.7	508.0	32.7	475.26	1.069	Level 2
16,400.0	7,257.8	16,485.8	7,372.1	245.7	245.8	-103.01	308.0	-7,278.7	507.9	27.1	480.77	1.056	Level 2
16,500.0	7,258.4	16,585.8	7,372.2	248.5	248.6	-102.95	306.9	-7,378.7	507.8	21.5	486.29	1.044	Level 2
16,600.0	7,259.0	16,685.8	7,372.3	251.2	251.3	-102.90	305.8	-7,478.7	507.7	15.9	491.80	1.032	Level 2
16,700.0	7,259.5	16,785.8	7,372.4	254.0	254.1	-102.85	304.7	-7,578.7	507.6	10.2	497.33	1.021	Level 2
16,800.0	7,260.1	16,885.8	7,372.5	256.8	256.9	-102.79	303.6	-7,678.7	507.5	4.6	502.85	1.009	Level 2
16,900.0	7,260.7	16,985.8	7,372.6	259.6	259.7	-102.74	302.5	-7,778.7	507.4	-1.0	508.38	0.998	Level 1
17,000.0	7,261.3	17,085.8	7,372.7	262.3	262.5	-102.69	301.4	-7,878.7	507.2	-6.7	513.91	0.987	Level 1
17,100.0	7,261.9	17,185.8	7,372.8	265.1	265.2	-102.63	300.3	-7,978.7	507.1	-12.3	519.44	0.976	Level 1
17,200.0	7,262.4	17,285.8	7,372.9	267.9	268.0	-102.58	299.2	-8,078.6	507.0	-17.9	524.97	0.966	Level 1
17,300.0	7,263.0	17,385.8	7,373.0	270.7	270.8	-102.53	298.1	-8,178.6	506.9	-23.6	530.51	0.956	Level 1
17,400.0	7,263.6	17,485.8	7,373.1	273.5	273.6	-102.47	297.0	-8,278.6	506.8	-29.2	536.05	0.945	Level 1
17,500.0	7,264.2	17,585.8	7,373.2	276.3	276.4	-102.42	295.9	-8,378.6	506.7	-34.9	541.60	0.936	Level 1
17,600.0	7,264.8	17,685.8	7,373.3	279.0	279.2	-102.37	294.8	-8,478.6	506.6	-40.5	547.15	0.926	Level 1
17,700.0	7,265.4	17,785.8	7,373.4	281.8	281.9	-102.31	293.7	-8,578.6	506.5	-46.2	552.69	0.916	Level 1
17,800.0	7,265.9	17,885.8	7,373.5	284.6	284.7	-102.26	292.7	-8,678.6	506.4	-51.8	558.25	0.907	Level 1
17,900.0	7,266.5	17,985.8	7,373.6	287.4	287.5	-102.21	291.6	-8,778.6	506.3	-57.5	563.80	0.898	Level 1
18,000.0	7,267.1	18,085.8	7,373.7	290.2	290.3	-102.15	290.5	-8,878.6	506.2	-63.1	569.36	0.889	Level 1
18,100.0	7,267.7	18,185.8	7,373.8	293.0	293.1	-102.10	289.4	-8,978.6	506.1	-68.8	574.92	0.880	Level 1
18,200.0	7,268.3	18,285.8	7,373.9	295.8	295.9	-102.04	288.3	-9,078.6	506.0	-74.5	580.48	0.872	Level 1
18,300.0	7,268.8	18,385.8	7,374.0	298.5	298.7	-101.99	287.2	-9,178.6	505.9	-80.1	586.05	0.863	Level 1
18,325.8	7,269.0	18,411.6	7,374.0	299.3	299.4	-101.98	286.9	-9,204.4	505.9	-81.6	587.48	0.861	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 R-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-179.65	-45.2	-0.3	45.2				
100.0	100.0	100.0	100.0	0.1	0.1	-179.65	-45.2	-0.3	45.2	45.0	0.22	200.994	
200.0	200.0	200.0	200.0	0.3	0.3	-179.65	-45.2	-0.3	45.2	44.5	0.67	66.998	
300.0	300.0	300.2	300.2	0.6	0.6	178.70	-45.0	1.0	45.0	43.9	1.12	40.329	
400.0	400.0	400.2	400.1	0.8	0.8	173.69	-44.4	4.9	44.6	43.1	1.56	28.613	
436.8	436.8	437.0	436.8	0.9	0.9	170.99	-44.0	7.0	44.6	42.8	1.73	25.820	CC
500.0	500.0	500.0	499.7	1.0	1.0	165.32	-43.3	11.4	44.8	42.8	2.01	22.266	ES
600.0	600.0	599.3	598.6	1.2	1.3	154.14	-41.9	20.3	46.6	44.1	2.47	18.885	
700.0	700.0	698.3	696.9	1.5	1.6	79.45	-40.1	31.8	51.0	48.0	2.98	17.125	
800.0	799.9	796.9	794.5	1.7	1.9	70.69	-37.9	45.7	57.7	54.2	3.46	16.661	
900.0	899.7	895.3	891.5	1.9	2.2	64.26	-35.3	62.1	66.1	62.1	3.96	16.673	
1,000.0	999.3	993.4	987.7	2.1	2.6	59.68	-32.3	80.8	75.7	71.2	4.48	16.877	
1,100.0	1,098.6	1,091.2	1,083.1	2.4	3.0	56.50	-29.0	101.9	86.1	81.1	5.03	17.126	
1,200.0	1,197.5	1,188.7	1,177.7	2.7	3.5	54.33	-25.3	125.4	97.3	91.7	5.61	17.349	
1,300.0	1,296.1	1,285.8	1,271.3	3.0	4.0	52.89	-21.2	151.1	109.1	102.9	6.23	17.507	
1,400.0	1,394.2	1,382.7	1,363.9	3.4	4.6	51.99	-16.7	179.1	121.4	114.5	6.90	17.593	
1,500.0	1,491.7	1,479.2	1,455.4	3.8	5.2	51.49	-11.9	209.3	134.1	126.5	7.63	17.590	
1,600.0	1,588.6	1,575.4	1,545.9	4.2	5.8	51.28	-6.8	241.7	147.3	138.9	8.41	17.510	
1,700.0	1,684.9	1,672.2	1,636.0	4.7	6.5	51.31	-1.3	276.4	160.9	151.6	9.28	17.344	
1,800.0	1,780.4	1,771.4	1,728.2	5.3	7.3	51.89	4.4	312.6	173.4	163.1	10.24	16.933	
1,900.0	1,875.0	1,870.7	1,820.5	5.9	8.1	53.03	10.2	348.8	184.3	173.0	11.31	16.294	
2,000.0	1,968.9	1,970.1	1,912.8	6.5	8.8	54.68	15.9	385.1	193.8	181.3	12.51	15.492	
2,100.0	2,061.7	2,069.4	2,005.2	7.2	9.6	56.78	21.7	421.4	202.1	188.2	13.86	14.585	
2,200.0	2,153.6	2,168.7	2,097.4	8.0	10.3	59.33	27.4	457.6	209.3	193.9	15.36	13.627	
2,276.3	2,223.0	2,244.4	2,167.8	8.6	10.9	61.57	31.8	485.2	214.2	197.6	16.62	12.891	
2,300.0	2,244.5	2,267.9	2,189.6	8.8	11.1	62.31	33.2	493.8	215.7	198.7	17.02	12.669	
2,400.0	2,335.0	2,367.0	2,281.6	9.6	11.9	65.35	38.9	530.0	222.4	203.6	18.78	11.840	
2,500.0	2,425.5	2,466.1	2,373.7	10.5	12.7	68.21	44.6	566.1	229.6	209.0	20.57	11.162	
2,600.0	2,516.0	2,565.1	2,465.8	11.3	13.4	70.89	50.4	602.3	237.4	215.0	22.39	10.606	
2,700.0	2,606.6	2,664.2	2,557.9	12.2	14.2	73.39	56.1	638.5	245.7	221.5	24.21	10.149	
2,800.0	2,697.1	2,763.3	2,649.9	13.0	15.0	75.73	61.8	674.6	254.4	228.4	26.04	9.771	
2,900.0	2,787.6	2,862.4	2,742.0	13.9	15.7	77.91	67.6	710.8	263.6	235.7	27.87	9.458	
3,000.0	2,878.1	2,961.5	2,834.1	14.8	16.5	79.94	73.3	747.0	273.1	243.4	29.69	9.197	
3,100.0	2,968.7	3,060.6	2,926.2	15.7	17.3	81.84	79.0	783.1	282.9	251.4	31.50	8.979	
3,200.0	3,059.2	3,159.7	3,018.3	16.5	18.1	83.61	84.8	819.3	293.0	259.7	33.30	8.797	
3,300.0	3,149.7	3,258.8	3,110.3	17.4	18.9	85.26	90.5	855.5	303.3	268.2	35.09	8.644	
3,400.0	3,240.2	3,357.9	3,202.4	18.3	19.6	86.80	96.2	891.6	313.9	277.0	36.86	8.515	
3,500.0	3,330.7	3,457.0	3,294.5	19.2	20.4	88.24	102.0	927.8	324.7	286.1	38.63	8.406	
3,600.0	3,421.3	3,556.1	3,386.6	20.1	21.2	89.59	107.7	964.0	335.7	295.3	40.38	8.314	
3,700.0	3,511.8	3,655.2	3,478.7	21.0	22.0	90.85	113.4	1,000.1	346.9	304.7	42.11	8.236	
3,800.0	3,602.3	3,754.3	3,570.7	21.8	22.7	92.03	119.2	1,036.3	358.2	314.3	43.84	8.171	
3,900.0	3,692.8	3,853.3	3,662.8	22.7	23.5	93.14	124.9	1,072.5	369.6	324.1	45.55	8.115	
4,000.0	3,783.4	3,952.4	3,754.9	23.6	24.3	94.18	130.6	1,108.6	381.2	334.0	47.25	8.068	
4,100.0	3,873.9	4,051.5	3,847.0	24.5	25.1	95.16	136.4	1,144.8	392.9	344.0	48.94	8.028	
4,200.0	3,964.4	4,150.6	3,939.0	25.4	25.9	96.09	142.1	1,181.0	404.7	354.1	50.63	7.995	
4,300.0	4,054.9	4,249.7	4,031.1	26.3	26.6	96.96	147.9	1,217.1	416.7	364.4	52.30	7.967	
4,400.0	4,145.5	4,348.8	4,123.2	27.2	27.4	97.79	153.6	1,253.3	428.7	374.7	53.96	7.944	
4,500.0	4,236.0	4,447.9	4,215.3	28.1	28.2	98.56	159.3	1,289.5	440.8	385.1	55.62	7.925	
4,600.0	4,326.5	4,547.0	4,307.4	29.0	29.0	99.30	165.1	1,325.6	452.9	395.7	57.27	7.909	
4,700.0	4,417.0	4,646.1	4,399.4	29.8	29.8	100.00	170.8	1,361.8	465.2	406.2	58.91	7.896	
4,800.0	4,507.6	4,745.2	4,491.5	30.7	30.5	100.66	176.5	1,398.0	477.5	416.9	60.55	7.886	
4,900.0	4,598.1	4,844.3	4,583.6	31.6	31.3	101.29	182.3	1,434.1	489.8	427.6	62.18	7.878	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 R-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,688.6	4,943.4	4,675.7	32.5	32.1	101.89	188.0	1,470.3	502.2	438.4	63.80	7.872	
5,100.0	4,779.1	5,042.5	4,767.8	33.4	32.9	102.46	193.7	1,506.5	514.7	449.3	65.42	7.868	
5,200.0	4,869.6	5,141.6	4,859.8	34.3	33.7	103.01	199.5	1,542.6	527.2	460.2	67.03	7.865	
5,300.0	4,960.2	5,240.6	4,951.9	35.2	34.4	103.52	205.2	1,578.8	539.8	471.1	68.64	7.863	
5,400.0	5,050.7	5,339.8	5,044.0	36.1	35.2	104.02	210.9	1,615.0	552.4	482.1	70.25	7.863	
5,500.0	5,141.2	5,439.3	5,137.1	37.0	35.9	104.68	216.4	1,649.6	565.0	493.3	71.68	7.881	
5,545.8	5,182.7	5,484.8	5,180.1	37.4	36.1	105.09	218.8	1,664.4	570.7	498.5	72.29	7.895	
5,600.0	5,232.0	5,538.3	5,231.0	37.8	36.4	105.73	221.4	1,680.9	577.5	504.5	72.94	7.918	
5,700.0	5,324.0	5,637.2	5,325.6	38.5	36.9	106.88	225.8	1,708.9	589.3	515.3	73.94	7.969	
5,800.0	5,417.3	5,735.7	5,421.0	39.1	37.3	107.98	229.7	1,733.6	600.2	525.4	74.82	8.022	
5,900.0	5,511.8	5,834.1	5,516.9	39.6	37.7	109.05	233.1	1,755.0	610.4	534.8	75.58	8.076	
6,000.0	5,607.4	5,932.2	5,613.3	40.1	38.0	110.07	236.0	1,773.1	619.6	543.4	76.22	8.130	
6,100.0	5,703.9	6,030.1	5,710.0	40.6	38.3	111.06	238.3	1,787.9	628.0	551.3	76.73	8.185	
6,200.0	5,801.3	6,127.7	5,806.9	41.0	38.5	112.02	240.2	1,799.4	635.6	558.5	77.12	8.241	
6,300.0	5,899.5	6,225.0	5,903.9	41.3	38.7	112.96	241.5	1,807.6	642.2	564.8	77.40	8.298	
6,400.0	5,998.2	6,322.0	6,000.8	41.6	38.8	113.87	242.3	1,812.5	648.0	570.4	77.57	8.354	
6,500.0	6,097.5	6,418.8	6,097.5	41.8	38.9	114.77	242.5	1,814.2	652.9	575.3	77.62	8.411	
6,600.0	6,197.1	6,518.3	6,197.1	42.0	39.0	115.53	242.5	1,814.2	656.6	579.0	77.63	8.459	
6,700.0	6,296.9	6,618.2	6,296.9	42.2	39.0	115.99	242.5	1,814.2	659.0	581.3	77.67	8.484	
6,803.1	6,400.0	6,721.3	6,400.0	42.2	39.1	179.66	242.5	1,814.2	659.8	615.5	44.28	14.899	
6,865.1	6,462.0	6,783.2	6,462.0	42.3	39.2	179.66	242.5	1,814.2	659.8	615.3	44.44	14.847	
6,896.1	6,493.0	6,814.2	6,493.0	42.3	39.2	179.66	242.5	1,814.2	659.8	615.3	44.52	14.822	
6,900.0	6,496.9	6,818.1	6,496.9	42.3	39.2	-89.71	242.5	1,814.2	659.8	581.9	77.91	8.469	
6,950.0	6,546.8	6,867.9	6,546.6	42.3	39.2	-89.71	242.5	1,812.2	659.8	581.9	77.92	8.467	
7,000.0	6,596.5	6,917.7	6,596.1	42.3	39.2	-89.71	242.4	1,806.8	659.8	581.9	77.87	8.473	
7,050.0	6,645.7	6,967.4	6,645.0	42.2	39.1	-89.72	242.3	1,797.9	659.8	582.1	77.74	8.487	
7,100.0	6,694.2	7,017.2	6,693.3	42.1	39.0	-89.72	242.2	1,785.6	659.8	582.2	77.55	8.508	
7,150.0	6,741.6	7,067.0	6,740.5	42.0	38.9	-89.73	242.0	1,770.1	659.8	582.5	77.31	8.534	
7,200.0	6,787.9	7,116.8	6,786.6	41.9	38.8	-89.73	241.8	1,751.3	659.8	582.8	77.03	8.565	
7,250.0	6,832.7	7,166.6	6,831.3	41.7	38.6	-89.74	241.6	1,729.3	659.8	583.1	76.73	8.599	
7,300.0	6,875.8	7,216.4	6,874.3	41.6	38.4	-89.75	241.3	1,704.2	659.8	583.4	76.40	8.636	
7,350.0	6,917.1	7,266.2	6,915.5	41.4	38.3	-89.76	241.0	1,676.3	659.8	583.7	76.08	8.673	
7,400.0	6,956.3	7,316.0	6,954.7	41.2	38.1	-89.78	240.7	1,645.5	659.8	584.0	75.75	8.709	
7,450.0	6,993.3	7,365.8	6,991.6	41.1	38.0	-89.79	240.3	1,612.1	659.8	584.3	75.46	8.744	
7,500.0	7,027.8	7,415.7	7,026.1	40.9	37.8	-89.81	239.9	1,576.2	659.8	584.6	75.19	8.775	
7,550.0	7,059.7	7,465.5	7,058.1	40.8	37.7	-89.82	239.5	1,537.9	659.8	584.8	74.97	8.801	
7,586.6	7,081.3	7,502.0	7,079.8	40.7	37.7	-89.83	239.1	1,508.6	659.8	584.9	74.84	8.816	
7,600.0	7,088.9	7,515.4	7,087.3	40.7	37.6	-89.84	239.0	1,497.5	659.8	585.0	74.80	8.821	
7,650.0	7,115.1	7,565.2	7,113.7	40.6	37.6	-89.86	238.6	1,455.2	659.8	585.1	74.70	8.832	
7,700.0	7,138.3	7,615.1	7,137.0	40.5	37.6	-89.87	238.1	1,411.1	659.8	585.1	74.68	8.835	
7,750.0	7,158.4	7,665.0	7,157.2	40.5	37.6	-89.89	237.6	1,365.5	659.8	585.1	74.74	8.828	
7,800.0	7,175.2	7,715.0	7,174.3	40.4	37.7	-89.91	237.0	1,318.6	659.8	584.9	74.88	8.811	
7,850.0	7,188.7	7,764.9	7,188.0	40.5	37.8	-89.93	236.5	1,270.6	659.8	584.7	75.11	8.784	
7,900.0	7,198.8	7,814.8	7,198.3	40.5	37.9	-89.95	236.0	1,221.7	659.8	584.4	75.43	8.747	
7,950.0	7,205.5	7,864.8	7,205.2	40.6	38.1	-89.97	235.4	1,172.3	659.8	584.0	75.83	8.701	
8,000.0	7,208.7	7,914.8	7,208.6	40.7	38.4	-89.99	234.9	1,122.4	659.8	583.5	76.31	8.646	
8,016.7	7,209.0	7,931.5	7,209.0	40.8	38.4	-90.00	234.7	1,105.7	659.8	583.3	76.48	8.626	
8,016.8	7,209.0	7,931.6	7,209.0	40.8	38.4	-90.00	234.7	1,105.6	659.8	583.3	76.48	8.626	
8,018.1	7,209.0	7,932.9	7,209.0	40.8	38.4	-90.00	234.7	1,104.3	659.8	583.3	76.50	8.625	
8,100.0	7,209.5	8,014.9	7,209.5	41.1	39.0	-90.00	233.8	1,022.3	659.8	582.3	77.52	8.511	
8,200.0	7,210.1	8,114.9	7,210.0	41.6	39.7	-90.00	232.7	922.4	659.8	580.7	79.11	8.341	
8,300.0	7,210.6	8,214.9	7,210.6	42.3	40.7	-90.00	231.6	822.4	659.8	578.7	81.05	8.141	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 R-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,400.0	7,211.2	8,314.9	7,211.2	43.2	41.8	-90.00	230.5	722.4	659.8	576.5	83.32	7.918	
8,500.0	7,211.8	8,414.9	7,211.8	44.2	43.1	-90.00	229.4	622.4	659.8	573.9	85.91	7.680	
8,600.0	7,212.4	8,514.9	7,212.4	45.5	44.5	-90.00	228.3	522.4	659.8	571.0	88.77	7.432	
8,700.0	7,213.0	8,614.9	7,212.9	46.8	46.0	-90.00	227.2	422.4	659.8	567.9	91.89	7.180	
8,800.0	7,213.6	8,714.9	7,213.5	48.3	47.7	-90.00	226.1	322.4	659.8	564.6	95.24	6.928	
8,900.0	7,214.1	8,814.9	7,214.1	50.0	49.5	-90.00	225.0	222.4	659.8	561.0	98.80	6.678	
9,000.0	7,214.7	8,914.9	7,214.7	51.7	51.3	-90.00	223.9	122.4	659.8	557.3	102.54	6.435	
9,100.0	7,215.3	9,014.9	7,215.3	53.6	53.3	-90.00	222.8	22.4	659.8	553.4	106.44	6.199	
9,200.0	7,215.9	9,114.9	7,215.8	55.5	55.3	-90.00	221.8	-77.6	659.8	549.3	110.49	5.971	
9,300.0	7,216.5	9,214.9	7,216.4	57.6	57.4	-90.00	220.7	-177.6	659.8	545.1	114.68	5.753	
9,400.0	7,217.1	9,314.9	7,217.0	59.7	59.5	-90.00	219.6	-277.6	659.8	540.8	118.98	5.545	
9,500.0	7,217.6	9,414.9	7,217.6	61.8	61.7	-90.00	218.5	-377.5	659.8	536.4	123.39	5.347	
9,600.0	7,218.2	9,514.9	7,218.2	64.0	64.0	-90.00	217.4	-477.5	659.8	531.9	127.90	5.159	
9,700.0	7,218.8	9,614.9	7,218.8	66.3	66.3	-90.00	216.3	-577.5	659.8	527.3	132.49	4.980	
9,800.0	7,219.4	9,714.9	7,219.3	68.6	68.6	-90.00	215.2	-677.5	659.8	522.6	137.16	4.811	
9,900.0	7,220.0	9,814.9	7,219.9	71.0	71.0	-90.00	214.1	-777.5	659.8	517.9	141.89	4.650	
10,000.0	7,220.5	9,914.9	7,220.5	73.4	73.4	-90.00	213.0	-877.5	659.8	513.1	146.69	4.498	
10,100.0	7,221.1	10,014.9	7,221.1	75.8	75.8	-90.00	211.9	-977.5	659.8	508.3	151.54	4.354	
10,200.0	7,221.7	10,114.9	7,221.7	78.2	78.3	-90.00	210.8	-1,077.5	659.8	503.4	156.45	4.217	
10,300.0	7,222.3	10,214.9	7,222.2	80.7	80.7	-90.00	209.7	-1,177.5	659.8	498.4	161.40	4.088	
10,400.0	7,222.9	10,314.9	7,222.8	83.2	83.2	-90.00	208.6	-1,277.5	659.8	493.4	166.40	3.965	
10,500.0	7,223.5	10,414.9	7,223.4	85.7	85.8	-89.99	207.5	-1,377.5	659.8	488.4	171.43	3.849	
10,600.0	7,224.0	10,514.9	7,224.0	88.2	88.3	-89.99	206.4	-1,477.5	659.8	483.3	176.50	3.738	
10,700.0	7,224.6	10,614.9	7,224.6	90.8	90.8	-89.99	205.3	-1,577.5	659.8	478.2	181.60	3.633	
10,800.0	7,225.2	10,714.9	7,225.1	93.3	93.4	-89.99	204.3	-1,677.4	659.8	473.1	186.73	3.533	
10,900.0	7,225.8	10,814.9	7,225.7	95.9	96.0	-89.99	203.2	-1,777.4	659.8	467.9	191.89	3.438	
11,000.0	7,226.4	10,914.9	7,226.3	98.5	98.6	-89.99	202.1	-1,877.4	659.8	462.7	197.07	3.348	
11,100.0	7,226.9	11,014.9	7,226.9	101.1	101.2	-89.99	201.0	-1,977.4	659.8	457.5	202.28	3.262	
11,200.0	7,227.5	11,114.9	7,227.5	103.7	103.8	-89.99	199.9	-2,077.4	659.8	452.3	207.51	3.180	
11,300.0	7,228.1	11,214.9	7,228.0	106.3	106.4	-89.99	198.8	-2,177.4	659.8	447.1	212.75	3.101	
11,400.0	7,228.7	11,314.9	7,228.6	109.0	109.1	-89.99	197.7	-2,277.4	659.8	441.8	218.02	3.026	
11,500.0	7,229.3	11,414.9	7,229.2	111.6	111.7	-89.99	196.6	-2,377.4	659.8	436.5	223.31	2.955	
11,600.0	7,229.9	11,514.9	7,229.8	114.3	114.3	-89.99	195.5	-2,477.4	659.8	431.2	228.61	2.886	
11,700.0	7,230.4	11,614.9	7,230.4	116.9	117.0	-89.99	194.4	-2,577.4	659.8	425.9	233.92	2.821	
11,800.0	7,231.0	11,714.9	7,230.9	119.6	119.7	-89.99	193.3	-2,677.4	659.8	420.6	239.25	2.758	
11,900.0	7,231.6	11,814.9	7,231.5	122.3	122.3	-89.99	192.2	-2,777.4	659.8	415.2	244.59	2.698	
12,000.0	7,232.2	11,914.9	7,232.1	124.9	125.0	-89.99	191.1	-2,877.4	659.8	409.9	249.94	2.640	
12,100.0	7,232.8	12,014.9	7,232.7	127.6	127.7	-89.99	190.0	-2,977.3	659.8	404.5	255.31	2.584	
12,200.0	7,233.3	12,114.9	7,233.3	130.3	130.4	-89.99	188.9	-3,077.3	659.8	399.1	260.69	2.531	
12,300.0	7,233.9	12,214.9	7,233.8	133.0	133.1	-89.99	187.8	-3,177.3	659.8	393.7	266.07	2.480	
12,400.0	7,234.5	12,314.9	7,234.4	135.7	135.8	-89.99	186.8	-3,277.3	659.8	388.3	271.47	2.431	
12,500.0	7,235.1	12,414.9	7,235.0	138.4	138.5	-89.99	185.7	-3,377.3	659.8	382.9	276.87	2.383	
12,600.0	7,235.7	12,514.9	7,235.6	141.1	141.2	-89.99	184.6	-3,477.3	659.8	377.5	282.28	2.337	
12,700.0	7,236.3	12,614.9	7,236.2	143.8	143.9	-89.99	183.5	-3,577.3	659.8	372.1	287.70	2.293	
12,800.0	7,236.8	12,714.9	7,236.7	146.5	146.6	-89.99	182.4	-3,677.3	659.8	366.7	293.13	2.251	
12,900.0	7,237.4	12,814.9	7,237.3	149.2	149.3	-89.99	181.3	-3,777.3	659.8	361.2	298.57	2.210	
13,000.0	7,238.0	12,914.9	7,237.9	152.0	152.1	-89.99	180.2	-3,877.3	659.8	355.8	304.01	2.170	
13,100.0	7,238.6	13,014.9	7,238.5	154.7	154.8	-89.99	179.1	-3,977.3	659.8	350.4	309.46	2.132	
13,200.0	7,239.2	13,114.9	7,239.1	157.4	157.5	-89.99	178.0	-4,077.3	659.8	344.9	314.91	2.095	
13,300.0	7,239.7	13,214.9	7,239.6	160.1	160.2	-89.99	176.9	-4,177.3	659.8	339.4	320.37	2.060	
13,400.0	7,240.3	13,314.9	7,240.2	162.9	163.0	-89.99	175.8	-4,277.2	659.8	334.0	325.84	2.025	
13,500.0	7,240.9	13,414.9	7,240.8	165.6	165.7	-89.99	174.7	-4,377.2	659.8	328.5	331.31	1.992	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 R-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
13,600.0	7,241.5	13,514.9	7,241.4	168.4	168.4	-89.99	173.6	-4,477.2	659.8	323.0	336.78	1.959	
13,700.0	7,242.1	13,614.9	7,242.0	171.1	171.2	-89.99	172.5	-4,577.2	659.8	317.6	342.26	1.928	
13,800.0	7,242.7	13,714.9	7,242.5	173.8	173.9	-89.99	171.4	-4,677.2	659.8	312.1	347.75	1.897	
13,900.0	7,243.2	13,814.9	7,243.1	176.6	176.7	-89.99	170.3	-4,777.2	659.8	306.6	353.24	1.868	
14,000.0	7,243.8	13,914.9	7,243.7	179.3	179.4	-89.99	169.3	-4,877.2	659.8	301.1	358.73	1.839	
14,100.0	7,244.4	14,014.9	7,244.3	182.1	182.2	-89.99	168.2	-4,977.2	659.8	295.6	364.23	1.812	
14,200.0	7,245.0	14,114.9	7,244.9	184.8	184.9	-89.99	167.1	-5,077.2	659.8	290.1	369.73	1.785	
14,300.0	7,245.6	14,214.9	7,245.5	187.6	187.7	-89.99	166.0	-5,177.2	659.8	284.6	375.23	1.758	
14,400.0	7,246.2	14,314.9	7,246.0	190.3	190.4	-89.99	164.9	-5,277.2	659.8	279.1	380.74	1.733	
14,500.0	7,246.7	14,414.9	7,246.6	193.1	193.2	-89.99	163.8	-5,377.2	659.8	273.6	386.25	1.708	
14,600.0	7,247.3	14,514.9	7,247.2	195.8	195.9	-89.99	162.7	-5,477.2	659.8	268.1	391.76	1.684	
14,700.0	7,247.9	14,614.9	7,247.8	198.6	198.7	-89.99	161.6	-5,577.1	659.8	262.5	397.28	1.661	
14,800.0	7,248.5	14,714.9	7,248.4	201.4	201.5	-89.99	160.5	-5,677.1	659.8	257.0	402.80	1.638	
14,900.0	7,249.1	14,814.9	7,248.9	204.1	204.2	-89.99	159.4	-5,777.1	659.8	251.5	408.32	1.616	
15,000.0	7,249.6	14,914.9	7,249.5	206.9	207.0	-89.99	158.3	-5,877.1	659.8	246.0	413.85	1.594	
15,100.0	7,250.2	15,014.9	7,250.1	209.7	209.7	-89.99	157.2	-5,977.1	659.8	240.5	419.37	1.573	
15,200.0	7,250.8	15,114.9	7,250.7	212.4	212.5	-89.99	156.1	-6,077.1	659.8	234.9	424.90	1.553	
15,300.0	7,251.4	15,214.9	7,251.3	215.2	215.3	-89.99	155.0	-6,177.1	659.8	229.4	430.43	1.533	
15,400.0	7,252.0	15,314.9	7,251.8	218.0	218.0	-89.99	153.9	-6,277.1	659.8	223.9	435.97	1.513	
15,500.0	7,252.6	15,414.9	7,252.4	220.7	220.8	-89.99	152.9	-6,377.1	659.8	218.3	441.50	1.494	Level 3
15,600.0	7,253.1	15,514.9	7,253.0	223.5	223.6	-89.99	151.8	-6,477.1	659.8	212.8	447.04	1.476	Level 3
15,700.0	7,253.7	15,614.9	7,253.6	226.3	226.3	-89.99	150.7	-6,577.1	659.8	207.2	452.58	1.458	Level 3
15,800.0	7,254.3	15,714.9	7,254.2	229.0	229.1	-89.99	149.6	-6,677.1	659.8	201.7	458.13	1.440	Level 3
15,900.0	7,254.9	15,814.9	7,254.7	231.8	231.9	-89.99	148.5	-6,777.1	659.8	196.2	463.67	1.423	Level 3
16,000.0	7,255.5	15,914.9	7,255.3	234.6	234.7	-89.99	147.4	-6,877.0	659.8	190.6	469.22	1.406	Level 3
16,100.0	7,256.0	16,014.9	7,255.9	237.3	237.4	-89.99	146.3	-6,977.0	659.8	185.1	474.76	1.390	Level 3
16,200.0	7,256.6	16,114.9	7,256.5	240.1	240.2	-89.99	145.2	-7,077.0	659.8	179.5	480.31	1.374	Level 3
16,300.0	7,257.2	16,214.9	7,257.1	242.9	243.0	-89.99	144.1	-7,177.0	659.8	174.0	485.86	1.358	Level 3
16,400.0	7,257.8	16,314.9	7,257.6	245.7	245.8	-89.99	143.0	-7,277.0	659.8	168.4	491.42	1.343	Level 3
16,500.0	7,258.4	16,414.9	7,258.2	248.5	248.5	-89.99	141.9	-7,377.0	659.8	162.9	496.97	1.328	Level 3
16,600.0	7,259.0	16,514.9	7,258.8	251.2	251.3	-89.99	140.8	-7,477.0	659.8	157.3	502.53	1.313	Level 3
16,700.0	7,259.5	16,614.9	7,259.4	254.0	254.1	-89.99	139.7	-7,577.0	659.8	151.7	508.08	1.299	Level 3
16,800.0	7,260.1	16,714.9	7,260.0	256.8	256.9	-89.99	138.6	-7,677.0	659.8	146.2	513.64	1.285	Level 3
16,900.0	7,260.7	16,814.9	7,260.5	259.6	259.7	-89.99	137.5	-7,777.0	659.8	140.6	519.20	1.271	Level 3
17,000.0	7,261.3	16,914.9	7,261.1	262.3	262.4	-89.99	136.4	-7,877.0	659.8	135.1	524.76	1.257	Level 3
17,100.0	7,261.9	17,014.9	7,261.7	265.1	265.2	-89.99	135.4	-7,977.0	659.8	129.5	530.32	1.244	Level 2
17,200.0	7,262.4	17,114.9	7,262.3	267.9	268.0	-89.99	134.3	-8,077.0	659.8	123.9	535.89	1.231	Level 2
17,300.0	7,263.0	17,214.9	7,262.9	270.7	270.8	-89.99	133.2	-8,176.9	659.8	118.4	541.45	1.219	Level 2
17,400.0	7,263.6	17,314.9	7,263.4	273.5	273.6	-89.99	132.1	-8,276.9	659.8	112.8	547.02	1.206	Level 2
17,500.0	7,264.2	17,414.9	7,264.0	276.3	276.3	-89.99	131.0	-8,376.9	659.8	107.3	552.58	1.194	Level 2
17,600.0	7,264.8	17,514.9	7,264.6	279.0	279.1	-89.99	129.9	-8,476.9	659.8	101.7	558.15	1.182	Level 2
17,700.0	7,265.4	17,614.9	7,265.2	281.8	281.9	-89.99	128.8	-8,576.9	659.8	96.1	563.72	1.171	Level 2
17,800.0	7,265.9	17,714.9	7,265.8	284.6	284.7	-89.99	127.7	-8,676.9	659.8	90.5	569.29	1.159	Level 2
17,900.0	7,266.5	17,814.9	7,266.3	287.4	287.5	-89.98	126.6	-8,776.9	659.8	85.0	574.86	1.148	Level 2
18,000.0	7,267.1	17,914.9	7,266.9	290.2	290.3	-89.98	125.5	-8,876.9	659.8	79.4	580.43	1.137	Level 2
18,100.0	7,267.7	18,014.9	7,267.5	293.0	293.1	-89.98	124.4	-8,976.9	659.8	73.8	586.00	1.126	Level 2
18,200.0	7,268.3	18,114.9	7,268.1	295.8	295.8	-89.98	123.3	-9,076.9	659.8	68.3	591.58	1.115	Level 2
18,300.0	7,268.8	18,214.9	7,268.7	298.5	298.6	-89.98	122.2	-9,176.9	659.8	62.7	597.15	1.105	Level 2
18,325.8	7,269.0	18,240.7	7,268.8	299.3	299.3	-89.98	121.9	-9,202.7	659.8	61.2	598.59	1.102	Level 2, SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-179.74	-60.1	-0.3	60.1				
100.0	100.0	100.0	100.0	0.1	0.1	-179.74	-60.1	-0.3	60.1	59.9	0.22	267.414	
200.0	200.0	200.0	200.0	0.3	0.3	-179.74	-60.1	-0.3	60.1	59.4	0.67	89.138	
300.0	300.0	300.0	300.0	0.6	0.6	-179.74	-60.1	-0.3	60.1	59.0	1.12	53.483	
400.0	400.0	400.0	400.0	0.8	0.8	-179.74	-60.1	-0.3	60.1	58.5	1.57	38.202	CC
400.2	400.2	400.2	400.2	0.8	0.8	-179.74	-60.1	-0.3	60.1	58.5	1.57	38.180	
500.0	500.0	500.0	499.9	1.0	1.0	179.02	-60.1	1.0	60.1	58.1	2.01	29.914	
600.0	600.0	599.8	599.7	1.2	1.2	175.30	-60.2	4.9	60.4	57.9	2.44	24.709	ES
700.0	700.0	699.4	699.1	1.5	1.4	106.88	-60.3	11.4	61.7	58.8	2.89	21.375	
800.0	799.9	798.9	798.2	1.7	1.7	102.23	-60.4	20.5	64.7	61.4	3.35	19.346	
900.0	899.7	898.1	896.7	1.9	1.9	98.10	-60.6	32.2	69.4	65.5	3.83	18.088	
1,000.0	999.3	997.2	994.8	2.1	2.2	94.64	-60.8	46.3	75.5	71.1	4.36	17.317	
1,100.0	1,098.6	1,096.0	1,092.2	2.4	2.6	91.87	-61.0	62.9	83.0	78.1	4.93	16.845	
1,200.0	1,197.5	1,194.6	1,188.8	2.7	3.0	89.73	-61.3	82.1	91.9	86.4	5.55	16.550	
1,300.0	1,296.1	1,292.8	1,284.7	3.0	3.4	88.14	-61.7	103.6	102.0	95.8	6.24	16.351	
1,400.0	1,394.2	1,390.8	1,379.8	3.4	3.8	86.99	-62.0	127.5	113.3	106.3	7.00	16.198	
1,500.0	1,491.7	1,488.5	1,473.8	3.8	4.3	86.19	-62.4	153.8	125.8	118.0	7.83	16.062	
1,600.0	1,588.6	1,585.9	1,566.9	4.2	4.9	85.66	-62.8	182.3	139.3	130.6	8.75	15.928	
1,700.0	1,684.9	1,682.9	1,658.9	4.7	5.5	85.34	-63.3	213.1	154.0	144.2	9.76	15.786	
1,800.0	1,780.4	1,779.6	1,749.8	5.3	6.1	85.17	-63.8	246.1	169.7	158.9	10.85	15.637	
1,900.0	1,875.0	1,878.0	1,841.7	5.9	6.8	85.39	-64.3	281.1	186.0	174.0	12.06	15.426	
2,000.0	1,968.9	1,976.6	1,933.9	6.5	7.6	86.28	-64.8	316.3	202.2	188.8	13.36	15.132	
2,100.0	2,061.7	2,075.1	2,025.9	7.2	8.3	87.69	-65.3	351.3	218.2	203.5	14.75	14.792	
2,200.0	2,153.6	2,173.4	2,117.8	8.0	9.0	89.52	-65.9	386.4	234.5	218.2	16.24	14.439	
2,276.3	2,223.0	2,248.3	2,187.8	8.6	9.6	91.14	-66.3	413.0	247.1	229.6	17.42	14.179	
2,300.0	2,244.5	2,271.5	2,209.5	8.8	9.7	91.71	-66.4	421.3	251.0	233.2	17.80	14.101	
2,400.0	2,335.0	2,369.6	2,301.1	9.6	10.5	93.96	-66.9	456.2	268.0	248.6	19.40	13.817	
2,500.0	2,425.5	2,467.6	2,392.7	10.5	11.2	95.95	-67.4	491.1	285.3	264.3	20.99	13.593	
2,600.0	2,516.0	2,565.6	2,484.3	11.3	11.9	97.70	-68.0	526.0	303.0	280.4	22.58	13.416	
2,700.0	2,606.6	2,663.6	2,575.9	12.2	12.7	99.26	-68.5	560.9	320.9	296.7	24.17	13.276	
2,800.0	2,697.1	2,761.7	2,667.5	13.0	13.4	100.66	-69.0	595.8	338.9	313.2	25.75	13.163	
2,900.0	2,787.6	2,859.7	2,759.1	13.9	14.1	101.92	-69.5	630.7	357.2	329.9	27.33	13.072	
3,000.0	2,878.1	2,957.7	2,850.7	14.8	14.9	103.05	-70.0	665.6	375.6	346.7	28.90	12.998	
3,100.0	2,968.7	3,055.8	2,942.3	15.7	15.6	104.08	-70.6	700.6	394.2	363.7	30.47	12.938	
3,200.0	3,059.2	3,153.8	3,033.9	16.5	16.4	105.01	-71.1	735.5	412.8	380.8	32.03	12.889	
3,300.0	3,149.7	3,251.8	3,125.5	17.4	17.1	105.87	-71.6	770.4	431.6	398.0	33.59	12.850	
3,400.0	3,240.2	3,349.9	3,217.1	18.3	17.8	106.65	-72.1	805.3	450.4	415.3	35.14	12.817	
3,500.0	3,330.7	3,447.9	3,308.7	19.2	18.6	107.38	-72.6	840.2	469.3	432.6	36.69	12.791	
3,600.0	3,421.3	3,545.9	3,400.3	20.1	19.3	108.04	-73.2	875.1	488.3	450.1	38.24	12.769	
3,700.0	3,511.8	3,643.9	3,491.9	21.0	20.1	108.66	-73.7	910.0	507.4	467.6	39.79	12.752	
3,800.0	3,602.3	3,742.0	3,583.5	21.8	20.8	109.23	-74.2	944.9	526.5	485.1	41.33	12.738	
3,900.0	3,692.8	3,840.0	3,675.1	22.7	21.6	109.76	-74.7	979.8	545.6	502.7	42.87	12.726	
4,000.0	3,783.4	3,938.0	3,766.7	23.6	22.3	110.25	-75.2	1,014.7	564.8	520.4	44.41	12.718	
4,100.0	3,873.9	4,036.1	3,858.3	24.5	23.0	110.72	-75.8	1,049.6	584.0	538.0	45.95	12.711	
4,200.0	3,964.4	4,134.1	3,949.9	25.4	23.8	111.15	-76.3	1,084.5	603.2	555.8	47.48	12.705	
4,300.0	4,054.9	4,232.1	4,041.5	26.3	24.5	111.56	-76.8	1,119.4	622.5	573.5	49.01	12.701	
4,400.0	4,145.5	4,330.2	4,133.1	27.2	25.3	111.94	-77.3	1,154.4	641.8	591.3	50.54	12.699	
4,500.0	4,236.0	4,428.2	4,224.7	28.1	26.0	112.30	-77.8	1,189.3	661.2	609.1	52.07	12.697	
4,600.0	4,326.5	4,526.2	4,316.3	29.0	26.8	112.64	-78.4	1,224.2	680.6	627.0	53.60	12.696	
4,700.0	4,417.0	4,624.2	4,407.9	29.8	27.5	112.96	-78.9	1,259.1	699.9	644.8	55.13	12.696	SF
4,800.0	4,507.6	4,722.3	4,499.5	30.7	28.3	113.26	-79.4	1,294.0	719.3	662.7	56.66	12.697	
4,900.0	4,598.1	4,820.3	4,591.1	31.6	29.0	113.55	-79.9	1,328.9	738.8	680.6	58.18	12.698	

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

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,688.6	4,918.3	4,682.7	32.5	29.8	113.82	-80.4	1,363.8	758.2	698.5	59.71	12.699	
5,100.0	4,779.1	5,016.4	4,774.3	33.4	30.5	114.08	-81.0	1,398.7	777.7	716.4	61.23	12.701	
5,200.0	4,869.6	5,114.4	4,866.0	34.3	31.3	114.33	-81.5	1,433.6	797.1	734.4	62.75	12.703	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 T-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-179.79	-75.0	-0.3	75.0				
100.0	100.0	100.0	100.0	0.1	0.1	-179.79	-75.0	-0.3	75.0	74.8	0.22	333.870	
200.0	200.0	200.0	200.0	0.3	0.3	-179.79	-75.0	-0.3	75.0	74.4	0.67	111.290	
300.0	300.0	300.0	300.0	0.6	0.6	-179.79	-75.0	-0.3	75.0	73.9	1.12	66.774	
400.0	400.0	400.0	400.0	0.8	0.8	-179.79	-75.0	-0.3	75.0	73.5	1.57	47.696	
500.0	500.0	500.0	500.0	1.0	1.0	-179.79	-75.0	-0.3	75.0	73.0	2.02	37.097	
600.0	600.0	600.0	600.0	1.2	1.2	-179.79	-75.0	-0.3	75.0	72.6	2.47	30.352	CC, ES
700.0	700.0	699.8	699.8	1.5	1.4	116.60	-75.2	1.0	75.8	72.9	2.90	26.110	
800.0	799.9	799.6	799.5	1.7	1.7	116.28	-75.5	4.9	77.9	74.6	3.32	23.435	
900.0	899.7	899.3	899.0	1.9	1.9	115.79	-76.2	11.4	81.4	77.7	3.77	21.611	
1,000.0	999.3	998.9	998.2	2.1	2.1	115.17	-77.1	20.4	86.4	82.2	4.24	20.363	
1,100.0	1,098.6	1,098.4	1,097.0	2.4	2.4	114.47	-78.2	32.0	92.8	88.1	4.76	19.500	
1,200.0	1,197.5	1,197.8	1,195.4	2.7	2.7	113.72	-79.6	46.2	100.6	95.3	5.33	18.894	
1,300.0	1,296.1	1,297.0	1,293.1	3.0	3.0	112.96	-81.2	62.8	109.9	103.9	5.96	18.454	
1,400.0	1,394.2	1,395.9	1,390.2	3.4	3.3	112.22	-83.0	82.0	120.6	113.9	6.65	18.119	
1,500.0	1,491.7	1,494.6	1,486.5	3.8	3.7	111.52	-85.1	103.5	132.6	125.2	7.43	17.850	
1,600.0	1,588.6	1,593.1	1,582.0	4.2	4.2	110.85	-87.5	127.5	146.1	137.8	8.29	17.621	
1,700.0	1,684.9	1,691.3	1,676.5	4.7	4.7	110.22	-90.0	153.8	161.0	151.7	9.24	17.418	
1,800.0	1,780.4	1,789.1	1,770.0	5.3	5.2	109.63	-92.8	182.5	177.2	166.9	10.28	17.230	
1,900.0	1,875.0	1,886.7	1,862.5	5.9	5.8	109.09	-95.8	213.4	194.7	183.3	11.42	17.052	
2,000.0	1,968.9	1,983.8	1,953.7	6.5	6.5	108.57	-99.1	246.5	213.6	201.0	12.66	16.882	
2,100.0	2,061.7	2,081.1	2,044.4	7.2	7.1	108.14	-102.5	281.8	233.8	219.8	13.98	16.721	
2,200.0	2,153.6	2,178.9	2,135.3	8.0	7.9	108.21	-106.0	317.5	254.9	239.5	15.39	16.567	
2,276.3	2,223.0	2,253.3	2,204.5	8.6	8.4	108.57	-108.6	344.8	271.5	255.0	16.49	16.466	
2,300.0	2,244.5	2,276.4	2,225.9	8.8	8.6	108.79	-109.4	353.2	276.8	259.9	16.84	16.435	
2,400.0	2,335.0	2,373.8	2,316.5	9.6	9.3	109.63	-112.9	388.9	298.9	280.6	18.33	16.309	
2,500.0	2,425.5	2,471.2	2,407.1	10.5	10.1	110.36	-116.4	424.6	321.1	301.3	19.83	16.195	
2,600.0	2,516.0	2,568.6	2,497.7	11.3	10.8	110.99	-119.8	460.2	343.4	322.1	21.34	16.092	
2,700.0	2,606.6	2,666.1	2,588.3	12.2	11.6	111.55	-123.3	495.9	365.7	342.9	22.86	16.000	
2,800.0	2,697.1	2,763.5	2,678.9	13.0	12.3	112.04	-126.8	531.6	388.0	363.7	24.38	15.916	
2,900.0	2,787.6	2,860.9	2,769.5	13.9	13.1	112.48	-130.3	567.2	410.4	384.5	25.91	15.840	
3,000.0	2,878.1	2,958.3	2,860.1	14.8	13.8	112.87	-133.7	602.9	432.8	405.3	27.44	15.771	
3,100.0	2,968.7	3,055.8	2,950.7	15.7	14.6	113.22	-137.2	638.6	455.2	426.2	28.97	15.709	
3,200.0	3,059.2	3,153.2	3,041.3	16.5	15.3	113.55	-140.7	674.2	477.6	447.0	30.51	15.652	
3,300.0	3,149.7	3,250.6	3,131.9	17.4	16.1	113.84	-144.1	709.9	500.0	467.9	32.05	15.599	
3,400.0	3,240.2	3,348.0	3,222.5	18.3	16.9	114.11	-147.6	745.6	522.4	488.8	33.59	15.551	
3,500.0	3,330.7	3,445.5	3,313.1	19.2	17.6	114.35	-151.1	781.2	544.8	509.7	35.13	15.507	
3,600.0	3,421.3	3,542.9	3,403.7	20.1	18.4	114.58	-154.6	816.9	567.3	530.6	36.68	15.467	
3,700.0	3,511.8	3,640.3	3,494.3	21.0	19.1	114.79	-158.0	852.6	589.7	551.5	38.22	15.429	
3,800.0	3,602.3	3,737.7	3,584.9	21.8	19.9	114.98	-161.5	888.2	612.2	572.4	39.77	15.394	
3,900.0	3,692.8	3,835.2	3,675.5	22.7	20.7	115.16	-165.0	923.9	634.7	593.4	41.32	15.362	
4,000.0	3,783.4	3,932.6	3,766.0	23.6	21.4	115.33	-168.4	959.6	657.1	614.3	42.86	15.331	
4,100.0	3,873.9	4,030.0	3,856.6	24.5	22.2	115.48	-171.9	995.2	679.6	635.2	44.41	15.303	
4,200.0	3,964.4	4,127.4	3,947.2	25.4	23.0	115.63	-175.4	1,030.9	702.1	656.1	45.96	15.276	
4,300.0	4,054.9	4,224.9	4,037.8	26.3	23.7	115.77	-178.8	1,066.5	724.6	677.1	47.51	15.252	
4,400.0	4,145.5	4,322.3	4,128.4	27.2	24.5	115.90	-182.3	1,102.2	747.1	698.0	49.06	15.228	
4,500.0	4,236.0	4,419.7	4,219.0	28.1	25.3	116.02	-185.8	1,137.9	769.6	719.0	50.61	15.206	
4,600.0	4,326.5	4,517.1	4,309.6	29.0	26.0	116.13	-189.3	1,173.5	792.1	739.9	52.16	15.185	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 U-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-179.82	-90.0	-0.3	90.0				
100.0	100.0	100.0	100.0	0.1	0.1	-179.82	-90.0	-0.3	90.0	89.8	0.22	400.326	
200.0	200.0	200.0	200.0	0.3	0.3	-179.82	-90.0	-0.3	90.0	89.3	0.67	133.442	CC
300.0	300.0	299.6	299.6	0.6	0.5	179.37	-90.2	1.0	90.2	89.1	1.11	81.244	ES
400.0	400.0	399.0	398.9	0.8	0.8	176.96	-90.9	4.8	91.0	89.5	1.55	58.754	
500.0	500.0	498.2	497.9	1.0	1.0	173.08	-92.0	11.2	92.7	90.7	2.00	46.436	
600.0	600.0	596.9	596.2	1.2	1.3	167.94	-93.6	20.0	95.8	93.4	2.45	39.111	
700.0	700.0	695.3	693.9	1.5	1.5	99.03	-95.7	31.3	101.0	98.1	2.96	34.075	
800.0	799.9	793.3	790.9	1.7	1.8	94.38	-98.1	45.0	108.6	105.1	3.46	31.360	
900.0	899.7	890.9	887.2	1.9	2.2	90.59	-101.0	61.1	118.3	114.3	3.99	29.678	
1,000.0	999.3	988.1	982.5	2.1	2.6	87.61	-104.3	79.5	130.0	125.4	4.54	28.608	
1,100.0	1,098.6	1,084.9	1,077.0	2.4	3.0	85.35	-108.1	100.1	143.3	138.1	5.14	27.891	
1,200.0	1,197.5	1,181.2	1,170.4	2.7	3.5	83.70	-112.2	123.1	158.2	152.4	5.78	27.367	
1,300.0	1,296.1	1,276.9	1,262.7	3.0	4.0	82.52	-116.7	148.2	174.5	168.1	6.48	26.938	
1,400.0	1,394.2	1,372.2	1,353.9	3.4	4.5	81.73	-121.6	175.3	192.3	185.1	7.24	26.549	
1,500.0	1,491.7	1,466.9	1,443.8	3.8	5.1	81.23	-126.8	204.6	211.4	203.3	8.08	26.166	
1,600.0	1,588.6	1,561.0	1,532.3	4.2	5.8	80.95	-132.5	235.8	231.8	222.8	8.99	25.783	
1,700.0	1,684.9	1,657.7	1,622.8	4.7	6.5	80.97	-138.5	269.5	252.9	242.9	10.00	25.304	
1,800.0	1,780.4	1,755.4	1,714.2	5.3	7.2	81.48	-144.7	303.6	273.8	262.7	11.09	24.681	
1,900.0	1,875.0	1,853.1	1,805.6	5.9	7.9	82.39	-150.8	337.7	294.3	282.1	12.28	23.968	
2,000.0	1,968.9	1,950.7	1,896.8	6.5	8.6	83.63	-156.9	371.7	314.7	301.2	13.56	23.211	
2,100.0	2,061.7	2,048.0	1,987.8	7.2	9.4	85.12	-163.0	405.7	335.1	320.2	14.93	22.445	
2,200.0	2,153.6	2,145.2	2,078.7	8.0	10.1	86.83	-169.1	439.5	355.6	339.3	16.39	21.700	
2,276.3	2,223.0	2,219.1	2,147.8	8.6	10.6	88.25	-173.8	465.3	371.5	354.0	17.56	21.160	
2,300.0	2,244.5	2,242.0	2,169.2	8.8	10.8	88.77	-175.2	473.3	376.5	358.6	17.93	20.996	
2,400.0	2,335.0	2,338.7	2,259.7	9.6	11.5	90.83	-181.3	507.0	397.8	378.3	19.52	20.381	
2,500.0	2,425.5	2,435.4	2,350.1	10.5	12.3	92.69	-187.4	540.8	419.6	398.5	21.11	19.876	
2,600.0	2,516.0	2,532.2	2,440.5	11.3	13.0	94.36	-193.4	574.5	441.8	419.1	22.71	19.458	
2,700.0	2,606.6	2,628.9	2,531.0	12.2	13.7	95.87	-199.5	608.3	464.3	440.0	24.30	19.110	
2,800.0	2,697.1	2,725.6	2,621.4	13.0	14.5	97.25	-205.6	642.0	487.1	461.2	25.89	18.818	
2,900.0	2,787.6	2,822.3	2,711.9	13.9	15.2	98.50	-211.6	675.7	510.2	482.7	27.47	18.571	
3,000.0	2,878.1	2,919.1	2,802.3	14.8	15.9	99.65	-217.7	709.5	533.4	504.4	29.05	18.361	
3,100.0	2,968.7	3,015.8	2,892.8	15.7	16.7	100.70	-223.8	743.2	556.8	526.2	30.63	18.182	
3,200.0	3,059.2	3,112.5	2,983.2	16.5	17.4	101.67	-229.9	776.9	580.5	548.3	32.20	18.027	
3,300.0	3,149.7	3,209.2	3,073.7	17.4	18.1	102.56	-235.9	810.7	604.2	570.4	33.77	17.894	
3,400.0	3,240.2	3,306.0	3,164.1	18.3	18.9	103.38	-242.0	844.4	628.1	592.7	35.33	17.777	
3,500.0	3,330.7	3,402.7	3,254.5	19.2	19.6	104.15	-248.1	878.2	652.1	615.2	36.89	17.676	
3,600.0	3,421.3	3,499.4	3,345.0	20.1	20.3	104.86	-254.1	911.9	676.2	637.7	38.45	17.587	
3,700.0	3,511.8	3,596.1	3,435.4	21.0	21.1	105.52	-260.2	945.6	700.3	660.3	40.00	17.509	
3,800.0	3,602.3	3,692.8	3,525.9	21.8	21.8	106.14	-266.3	979.4	724.6	683.1	41.55	17.440	
3,900.0	3,692.8	3,789.6	3,616.3	22.7	22.5	106.71	-272.3	1,013.1	749.0	705.9	43.10	17.379	
4,000.0	3,783.4	3,886.3	3,706.8	23.6	23.3	107.25	-278.4	1,046.8	773.4	728.7	44.64	17.325	
4,100.0	3,873.9	3,983.0	3,797.2	24.5	24.0	107.76	-284.5	1,080.6	797.8	751.7	46.18	17.276	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 V-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-179.85	-105.3	-0.3	105.3				
100.0	100.0	100.0	100.0	0.1	0.1	-179.85	-105.3	-0.3	105.3	105.1	0.22	468.403	
200.0	200.0	200.0	200.0	0.3	0.3	-179.85	-105.3	-0.3	105.3	104.6	0.67	156.134	
300.0	300.0	300.0	300.0	0.6	0.6	-179.85	-105.3	-0.3	105.3	104.2	1.12	93.681	
400.0	400.0	400.0	400.0	0.8	0.8	-179.85	-105.3	-0.3	105.3	103.7	1.57	66.915	CC
500.0	500.0	499.1	499.1	1.0	1.0	179.49	-105.7	0.9	105.7	103.7	2.00	52.736	ES
600.0	600.0	598.1	598.0	1.2	1.2	177.55	-106.9	4.6	107.1	104.6	2.43	44.046	
700.0	700.0	696.8	696.5	1.5	1.4	111.51	-109.0	10.6	110.1	107.2	2.87	38.369	
800.0	799.9	795.4	794.7	1.7	1.7	109.16	-111.9	19.1	115.2	111.9	3.32	34.705	
900.0	899.7	893.6	892.2	1.9	1.9	107.09	-115.6	29.9	122.6	118.8	3.80	32.245	
1,000.0	999.3	991.5	989.2	2.1	2.2	105.35	-120.1	43.0	132.0	127.7	4.32	30.574	
1,100.0	1,098.6	1,089.0	1,085.3	2.4	2.5	103.93	-125.3	58.4	143.5	138.6	4.88	29.415	
1,200.0	1,197.5	1,186.1	1,180.6	2.7	2.9	102.82	-131.3	76.0	157.0	151.5	5.49	28.587	
1,300.0	1,296.1	1,282.7	1,274.8	3.0	3.3	101.97	-138.1	95.8	172.3	166.2	6.16	27.968	
1,400.0	1,394.2	1,378.7	1,368.0	3.4	3.8	101.34	-145.6	117.7	189.6	182.7	6.90	27.480	
1,500.0	1,491.7	1,474.1	1,460.0	3.8	4.3	100.88	-153.8	141.7	208.7	201.0	7.71	27.074	
1,600.0	1,588.6	1,568.9	1,550.8	4.2	4.8	100.55	-162.6	167.7	229.7	221.1	8.60	26.719	
1,700.0	1,684.9	1,663.1	1,640.2	4.7	5.4	100.32	-172.1	195.6	252.4	242.9	9.56	26.396	
1,800.0	1,780.4	1,756.5	1,728.2	5.3	6.0	100.16	-182.3	225.3	276.9	266.3	10.61	26.097	
1,900.0	1,875.0	1,849.2	1,814.7	5.9	6.7	100.05	-193.1	256.8	303.1	291.4	11.74	25.818	
2,000.0	1,968.9	1,943.4	1,901.9	6.5	7.4	100.03	-204.6	290.5	330.9	317.9	12.97	25.519	
2,100.0	2,061.7	2,039.2	1,990.5	7.2	8.1	100.34	-216.4	325.0	359.2	344.9	14.27	25.166	
2,200.0	2,153.6	2,134.8	2,078.9	8.0	8.9	100.93	-228.1	359.4	388.1	372.4	15.65	24.796	
2,276.3	2,223.0	2,207.4	2,146.1	8.6	9.5	101.52	-237.0	385.6	410.5	393.8	16.74	24.517	
2,300.0	2,244.5	2,230.0	2,166.9	8.8	9.6	101.82	-239.8	393.7	417.5	400.4	17.10	24.422	
2,400.0	2,335.0	2,325.0	2,254.8	9.6	10.4	103.00	-251.5	427.9	447.3	428.7	18.59	24.060	
2,500.0	2,425.5	2,420.1	2,342.7	10.5	11.2	104.03	-263.2	462.1	477.3	457.2	20.10	23.747	
2,600.0	2,516.0	2,515.2	2,430.7	11.3	11.9	104.94	-274.9	496.4	507.4	485.7	21.61	23.476	
2,700.0	2,606.6	2,610.3	2,518.6	12.2	12.7	105.75	-286.6	530.6	537.5	514.4	23.13	23.239	
2,800.0	2,697.1	2,705.3	2,606.5	13.0	13.5	106.47	-298.2	564.8	567.8	543.1	24.65	23.031	
2,900.0	2,787.6	2,800.4	2,694.4	13.9	14.2	107.12	-309.9	599.1	598.1	572.0	26.18	22.847	
3,000.0	2,878.1	2,895.5	2,782.4	14.8	15.0	107.71	-321.6	633.3	628.5	600.8	27.71	22.683	
3,100.0	2,968.7	2,990.6	2,870.3	15.7	15.8	108.24	-333.3	667.5	659.0	629.8	29.24	22.537	
3,200.0	3,059.2	3,085.7	2,958.2	16.5	16.6	108.73	-345.0	701.8	689.5	658.7	30.77	22.406	
3,300.0	3,149.7	3,180.7	3,046.2	17.4	17.3	109.17	-356.7	736.0	720.0	687.7	32.31	22.288	
3,400.0	3,240.2	3,275.8	3,134.1	18.3	18.1	109.58	-368.4	770.2	750.6	716.8	33.84	22.181	
3,500.0	3,330.7	3,370.9	3,222.0	19.2	18.9	109.96	-380.1	804.5	781.2	745.9	35.38	22.084	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-179.74	-120.2	-0.6	120.2				
100.0	100.0	100.0	100.0	0.1	0.1	-179.74	-120.2	-0.6	120.2	120.0	0.22	534.882	
200.0	200.0	200.0	200.0	0.3	0.3	-179.74	-120.2	-0.6	120.2	119.5	0.67	178.294	
300.0	300.0	300.0	300.0	0.6	0.6	-179.74	-120.2	-0.6	120.2	119.1	1.12	106.976	
400.0	400.0	400.0	400.0	0.8	0.8	-179.74	-120.2	-0.6	120.2	118.6	1.57	76.412	
500.0	500.0	500.0	500.0	1.0	1.0	-179.74	-120.2	-0.6	120.2	118.2	2.02	59.431	
600.0	600.0	600.0	600.0	1.2	1.2	-179.74	-120.2	-0.6	120.2	117.8	2.47	48.626	CC, ES
700.0	700.0	698.8	698.8	1.5	1.4	116.73	-120.7	0.6	121.3	118.4	2.90	41.905	
800.0	799.9	797.5	797.4	1.7	1.6	116.66	-122.3	4.1	124.6	121.3	3.31	37.660	
900.0	899.7	896.0	895.7	1.9	1.8	116.55	-124.8	10.0	130.1	126.4	3.75	34.732	
1,000.0	999.3	994.4	993.7	2.1	2.1	116.41	-128.3	18.1	137.8	133.6	4.21	32.708	
1,100.0	1,098.6	1,092.4	1,091.1	2.4	2.3	116.23	-132.8	28.5	147.6	142.9	4.72	31.301	
1,200.0	1,197.5	1,190.1	1,187.8	2.7	2.6	116.04	-138.3	41.2	159.6	154.3	5.27	30.313	
1,300.0	1,296.1	1,287.4	1,283.7	3.0	2.9	115.83	-144.8	56.0	173.8	167.9	5.87	29.603	
1,400.0	1,394.2	1,384.3	1,378.8	3.4	3.3	115.61	-152.2	73.0	190.0	183.5	6.53	29.077	
1,500.0	1,491.7	1,480.6	1,472.8	3.8	3.7	115.38	-160.4	92.2	208.4	201.1	7.27	28.671	
1,600.0	1,588.6	1,576.3	1,565.7	4.2	4.1	115.14	-169.6	113.3	228.8	220.8	8.07	28.342	
1,700.0	1,684.9	1,671.4	1,657.4	4.7	4.6	114.89	-179.6	136.4	251.3	242.4	8.96	28.063	
1,800.0	1,780.4	1,765.8	1,747.7	5.3	5.1	114.63	-190.5	161.4	275.9	266.0	9.92	27.815	
1,900.0	1,875.0	1,859.4	1,836.7	5.9	5.6	114.37	-202.1	188.2	302.4	291.4	10.96	27.593	
2,000.0	1,968.9	1,952.2	1,924.2	6.5	6.2	114.09	-214.5	216.7	330.9	318.8	12.08	27.387	
2,100.0	2,061.7	2,044.3	2,010.1	7.2	6.9	113.80	-227.6	247.0	361.3	348.0	13.28	27.194	
2,200.0	2,153.6	2,135.4	2,094.4	8.0	7.6	113.51	-241.4	278.8	393.6	379.0	14.57	27.013	
2,276.3	2,223.0	2,204.8	2,158.0	8.6	8.1	113.27	-252.4	304.2	419.4	403.8	15.60	26.883	
2,300.0	2,244.5	2,227.0	2,178.3	8.8	8.3	113.33	-256.0	312.4	427.6	411.7	15.94	26.822	
2,400.0	2,335.0	2,320.8	2,264.1	9.6	9.1	113.54	-271.2	347.4	462.2	444.8	17.39	26.576	
2,500.0	2,425.5	2,414.7	2,349.8	10.5	9.9	113.71	-286.3	382.3	496.7	477.8	18.86	26.342	
2,600.0	2,516.0	2,508.5	2,435.6	11.3	10.7	113.87	-301.5	417.2	531.2	510.9	20.34	26.123	
2,700.0	2,606.6	2,602.3	2,521.4	12.2	11.5	114.01	-316.6	452.1	565.8	544.0	21.83	25.920	
2,800.0	2,697.1	2,696.2	2,607.1	13.0	12.3	114.13	-331.7	487.0	600.3	577.0	23.33	25.733	
2,900.0	2,787.6	2,790.0	2,692.9	13.9	13.1	114.23	-346.9	521.9	634.9	610.1	24.84	25.561	
3,000.0	2,878.1	2,883.8	2,778.7	14.8	13.9	114.33	-362.0	556.8	669.5	643.1	26.35	25.402	
3,100.0	2,968.7	2,977.7	2,864.5	15.7	14.7	114.42	-377.2	591.7	704.0	676.1	27.88	25.256	
3,200.0	3,059.2	3,071.5	2,950.2	16.5	15.5	114.50	-392.3	626.7	738.6	709.2	29.40	25.121	
3,300.0	3,149.7	3,165.3	3,036.0	17.4	16.3	114.57	-407.5	661.6	773.1	742.2	30.93	24.997	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 X-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 Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-179.76	-135.2	-0.6	135.2				
100.0	100.0	100.0	100.0	0.1	0.1	-179.76	-135.2	-0.6	135.2	134.9	0.22	601.337	
200.0	200.0	200.0	200.0	0.3	0.3	-179.76	-135.2	-0.6	135.2	134.5	0.67	200.446	CC, ES
300.0	300.0	298.4	298.4	0.6	0.5	179.76	-135.7	0.6	135.8	134.6	1.10	122.898	
400.0	400.0	396.7	396.6	0.8	0.8	178.36	-137.5	3.9	137.6	136.0	1.54	89.494	
500.0	500.0	494.7	494.4	1.0	1.0	176.11	-140.4	9.5	140.8	138.8	1.98	71.095	
600.0	600.0	592.3	591.6	1.2	1.2	173.16	-144.4	17.3	145.7	143.2	2.43	59.943	
700.0	700.0	689.5	688.1	1.5	1.5	106.51	-149.5	27.3	152.8	149.9	2.93	52.175	
800.0	799.9	786.2	783.9	1.7	1.8	103.83	-155.8	39.3	162.6	159.2	3.42	47.578	
900.0	899.7	882.5	878.9	1.9	2.2	101.62	-163.1	53.5	175.0	171.0	3.93	44.488	
1,000.0	999.3	978.2	972.8	2.1	2.5	99.88	-171.4	69.6	189.6	185.2	4.48	42.348	
1,100.0	1,098.6	1,073.2	1,065.6	2.4	3.0	98.55	-180.8	87.7	206.6	201.5	5.06	40.806	
1,200.0	1,197.5	1,167.6	1,157.2	2.7	3.4	97.57	-191.1	107.7	225.6	219.9	5.69	39.638	
1,300.0	1,296.1	1,261.1	1,247.5	3.0	3.9	96.87	-202.4	129.6	246.8	240.4	6.38	38.704	
1,400.0	1,394.2	1,353.9	1,336.4	3.4	4.4	96.40	-214.6	153.1	270.0	262.8	7.12	37.915	
1,500.0	1,491.7	1,445.8	1,423.8	3.8	5.0	96.10	-227.6	178.3	295.1	287.2	7.93	37.217	
1,600.0	1,588.6	1,536.8	1,509.7	4.2	5.6	95.93	-241.4	205.2	322.2	313.4	8.81	36.582	
1,700.0	1,684.9	1,626.8	1,593.9	4.7	6.3	95.85	-256.1	233.5	351.1	341.4	9.76	35.993	
1,800.0	1,780.4	1,715.9	1,676.4	5.3	7.0	95.83	-271.4	263.2	382.0	371.2	10.78	35.441	
1,900.0	1,875.0	1,803.9	1,757.2	5.9	7.7	95.85	-287.5	294.2	414.6	402.7	11.87	34.922	
2,000.0	1,968.9	1,897.2	1,842.3	6.5	8.5	96.03	-305.0	328.2	448.5	435.4	13.08	34.291	
2,100.0	2,061.7	1,990.9	1,927.7	7.2	9.3	96.43	-322.6	362.3	482.7	468.3	14.36	33.617	
2,200.0	2,153.6	2,084.2	2,012.9	8.0	10.1	97.00	-340.2	396.3	517.3	501.6	15.71	32.931	
2,276.3	2,223.0	2,155.2	2,077.6	8.6	10.7	97.52	-353.5	422.1	544.1	527.3	16.79	32.413	
2,300.0	2,244.5	2,177.2	2,097.7	8.8	10.9	97.82	-357.7	430.1	552.4	535.3	17.14	32.236	
2,400.0	2,335.0	2,270.0	2,182.4	9.6	11.7	99.00	-375.1	464.0	587.9	569.2	18.63	31.553	
2,500.0	2,425.5	2,362.9	2,267.1	10.5	12.5	100.05	-392.6	497.8	623.5	603.4	20.14	30.964	
2,600.0	2,516.0	2,455.7	2,351.8	11.3	13.3	100.99	-410.1	531.6	659.3	637.7	21.65	30.452	
2,700.0	2,606.6	2,548.6	2,436.5	12.2	14.2	101.83	-427.5	565.4	695.2	672.1	23.17	30.005	
2,800.0	2,697.1	2,641.5	2,521.2	13.0	15.0	102.59	-445.0	599.2	731.3	706.6	24.70	29.612	
2,900.0	2,787.6	2,734.3	2,605.9	13.9	15.8	103.27	-462.5	633.0	767.5	741.2	26.23	29.264	SF

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 PAD Sec.27-T7N-R66W - G&D HANKS 10-27 - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 886-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-110.87	-197.8	-518.9	555.4				
100.0	100.0	94.0	94.0	0.1	0.1	-110.87	-197.8	-518.9	555.3	555.1	0.22	2,544.381	
200.0	200.0	194.0	194.0	0.3	0.2	-110.88	-197.9	-518.9	555.3	554.8	0.56	999.788	
300.0	300.0	294.1	294.1	0.6	0.3	-110.89	-198.0	-518.8	555.3	554.4	0.89	622.113	
400.0	400.0	394.1	394.1	0.8	0.4	-110.91	-198.2	-518.7	555.3	554.1	1.23	451.533	
500.0	500.0	494.1	494.1	1.0	0.6	-110.94	-198.5	-518.6	555.3	553.7	1.57	354.362	
600.0	600.0	594.1	594.1	1.2	0.7	-110.98	-198.8	-518.5	555.3	553.4	1.90	291.602	
600.9	600.9	595.0	595.0	1.2	0.7	-174.48	-198.8	-518.5	555.3	553.4	1.91	290.937	
700.0	700.0	694.1	694.1	1.5	0.8	-174.53	-199.1	-518.3	556.5	554.3	2.24	248.608	
800.0	799.9	794.1	794.1	1.7	0.9	-174.61	-199.5	-518.1	560.4	557.8	2.57	217.766	
900.0	899.7	895.1	895.1	1.9	1.0	-174.71	-200.0	-517.9	566.9	564.0	2.93	193.655	
1,000.0	999.3	1,010.0	1,009.9	2.1	1.2	-174.76	-198.9	-516.4	574.4	571.0	3.38	169.838	
1,100.0	1,098.6	1,126.5	1,126.2	2.4	1.5	-174.45	-193.1	-513.3	581.9	578.1	3.83	151.925	
1,200.0	1,197.5	1,236.0	1,235.2	2.7	1.7	-173.78	-182.7	-509.2	589.3	585.1	4.29	137.445	
1,300.0	1,296.1	1,339.4	1,337.6	3.0	2.0	-172.80	-168.7	-505.8	598.5	593.7	4.76	125.608	
1,400.0	1,394.2	1,444.7	1,441.2	3.4	2.3	-171.48	-150.5	-502.9	609.6	604.3	5.29	115.154	
1,500.0	1,491.7	1,555.5	1,549.4	3.8	2.7	-169.79	-126.7	-499.2	621.8	615.9	5.91	105.206	
1,600.0	1,588.6	1,650.6	1,641.6	4.2	3.1	-168.18	-103.6	-496.2	636.4	629.8	6.53	97.487	
1,700.0	1,684.9	1,742.9	1,730.9	4.7	3.5	-166.63	-80.5	-494.0	654.5	647.4	7.17	91.304	
1,800.0	1,780.4	1,835.3	1,820.3	5.3	3.9	-165.16	-57.3	-492.4	676.2	668.3	7.83	86.348	
1,900.0	1,875.0	1,925.1	1,907.4	5.9	4.3	-163.87	-35.3	-491.5	701.4	692.9	8.49	82.615	
2,000.0	1,968.9	2,021.2	2,000.7	6.5	4.7	-162.65	-12.3	-490.8	729.7	720.5	9.18	79.470	
2,100.0	2,061.7	2,125.6	2,102.2	7.2	5.1	-161.53	12.2	-488.9	759.7	749.8	9.92	76.585	
2,200.0	2,153.6	2,220.3	2,194.4	8.0	5.5	-160.69	33.5	-486.4	791.6	781.0	10.63	74.447	
8,800.0	7,213.6	7,297.8	7,198.6	48.3	21.5	-85.26	717.9	-427.7	761.7	699.1	62.57	12.173	
8,900.0	7,214.1	7,299.5	7,200.3	50.0	21.5	-85.85	717.9	-427.7	664.3	599.8	64.45	10.307	
9,000.0	7,214.7	7,301.2	7,202.0	51.7	21.5	-86.45	717.9	-427.7	567.7	501.3	66.41	8.549	
9,100.0	7,215.3	7,302.9	7,203.6	53.6	21.5	-87.05	717.8	-427.8	472.6	404.2	68.45	6.905	
9,200.0	7,215.9	7,304.5	7,205.3	55.5	21.5	-87.64	717.8	-427.8	380.1	309.5	70.56	5.386	
9,300.0	7,216.5	7,306.2	7,207.0	57.6	21.5	-88.24	717.8	-427.8	292.4	219.7	72.73	4.020	
9,400.0	7,217.1	7,307.8	7,208.6	59.7	21.6	-88.83	717.8	-427.8	215.8	140.8	74.96	2.878	
9,500.0	7,217.6	7,309.5	7,210.3	61.8	21.6	-89.42	717.8	-427.8	166.1	88.9	77.23	2.151	
9,544.8	7,217.9	7,310.2	7,211.0	62.8	21.6	-89.69	717.8	-427.8	159.9	81.7	78.26	2.044	CC, ES, SF
9,600.0	7,218.2	7,311.2	7,211.9	64.0	21.6	-90.02	717.8	-427.8	169.2	89.7	79.53	2.127	
9,700.0	7,218.8	7,312.8	7,213.6	66.3	21.6	-90.61	717.8	-427.9	222.8	141.0	81.88	2.722	
9,800.0	7,219.4	7,314.4	7,215.2	68.6	21.6	-91.20	717.8	-427.9	301.1	216.9	84.25	3.574	
9,900.0	7,220.0	7,316.1	7,216.9	71.0	21.6	-91.78	717.8	-427.9	389.5	302.8	86.65	4.495	
10,000.0	7,220.5	7,317.7	7,218.5	73.4	21.6	-92.37	717.8	-427.9	482.4	393.3	89.07	5.416	
10,100.0	7,221.1	7,319.4	7,220.1	75.8	21.6	-92.95	717.8	-427.9	577.7	486.2	91.51	6.313	
10,200.0	7,221.7	7,321.0	7,221.8	78.2	21.6	-93.54	717.7	-427.9	674.3	580.4	93.96	7.177	
10,300.0	7,222.3	7,322.6	7,223.4	80.7	21.6	-94.12	717.7	-428.0	771.8	675.4	96.43	8.004	

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 PAD Sec.27-T7N-R66W - G&D HANKS 20-27 - Wellbore #1 - Wellbore #1

Offset Site Error: 0.0 ft

Survey Program: 886-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-112.63	-207.3	-497.2	538.7				
100.0	100.0	94.2	94.2	0.1	0.1	-112.63	-207.3	-497.2	538.7	538.5	0.22	2,465.224	
200.0	200.0	194.4	194.4	0.3	0.2	-112.64	-207.4	-497.1	538.6	538.1	0.56	968.817	
300.0	300.0	294.6	294.6	0.6	0.3	-112.66	-207.5	-497.0	538.6	537.7	0.89	602.788	
400.0	400.0	394.8	394.8	0.8	0.4	-112.69	-207.7	-496.8	538.4	537.2	1.23	437.429	
500.0	500.0	495.0	494.9	1.0	0.6	-112.72	-207.9	-496.5	538.3	536.7	1.57	343.208	
600.0	600.0	595.1	595.1	1.2	0.7	-112.76	-208.2	-496.2	538.1	536.2	1.91	282.335	
608.2	608.2	603.4	603.4	1.3	0.7	-176.27	-208.2	-496.1	538.1	536.1	1.93	278.167	CC, ES
700.0	700.0	695.3	695.3	1.5	0.8	-176.33	-208.5	-495.8	539.2	536.9	2.24	240.751	
800.0	799.9	795.4	795.4	1.7	0.9	-176.41	-208.9	-495.3	542.8	540.2	2.57	211.120	
900.0	899.7	895.4	895.4	1.9	1.0	-176.50	-209.3	-494.8	549.0	546.1	2.92	188.055	
1,000.0	999.3	994.9	994.9	2.1	1.2	-176.63	-209.9	-494.3	557.9	554.5	3.37	165.722	
1,100.0	1,098.6	1,097.7	1,097.7	2.4	1.5	-176.79	-210.7	-493.5	569.2	565.4	3.82	149.020	
1,200.0	1,197.5	1,215.0	1,215.0	2.7	1.7	-177.06	-211.2	-490.2	581.3	577.0	4.29	135.358	
1,300.0	1,296.1	1,343.4	1,343.0	3.0	2.0	-177.42	-210.5	-481.7	591.9	587.2	4.79	123.644	
1,400.0	1,394.2	1,465.3	1,464.2	3.4	2.3	-177.68	-206.7	-468.9	600.7	595.4	5.27	114.001	
1,500.0	1,491.7	1,591.2	1,588.7	3.8	2.6	-177.94	-200.6	-451.3	608.1	602.3	5.78	105.230	
1,600.0	1,588.6	1,714.2	1,709.5	4.2	3.0	-178.19	-192.4	-429.5	613.9	607.6	6.30	97.511	
1,700.0	1,684.9	1,822.9	1,815.6	4.7	3.5	-178.41	-184.0	-407.7	619.8	613.0	6.80	91.191	
1,800.0	1,780.4	1,921.3	1,911.6	5.3	3.8	-178.62	-176.3	-387.5	627.8	620.5	7.27	86.384	
1,900.0	1,875.0	2,024.1	2,011.8	5.9	4.2	-178.86	-168.3	-365.9	638.0	630.2	7.76	82.205	
2,000.0	1,968.9	2,118.8	2,104.1	6.5	4.6	-179.13	-161.6	-346.2	651.2	642.9	8.24	78.982	
2,100.0	2,061.7	2,218.7	2,201.6	7.2	5.0	-179.40	-154.5	-325.4	667.1	658.4	8.75	76.257	
2,200.0	2,153.6	2,317.7	2,298.2	8.0	5.4	-179.54	-146.2	-305.3	685.5	676.2	9.25	74.100	
2,276.3	2,223.0	2,391.9	2,370.6	8.6	5.7	-179.62	-139.6	-290.4	701.2	691.6	9.63	72.807	
2,300.0	2,244.5	2,414.4	2,392.5	8.8	5.8	-179.64	-137.7	-285.9	706.3	696.6	9.76	72.354	
2,400.0	2,335.0	2,508.2	2,484.2	9.6	6.2	-179.76	-129.9	-267.1	728.3	717.9	10.32	70.579	
2,500.0	2,425.5	2,604.4	2,578.2	10.5	6.6	-179.89	-122.2	-248.3	750.7	739.8	10.89	68.947	
2,600.0	2,516.0	2,704.1	2,675.6	11.3	7.0	179.99	-114.1	-228.5	772.9	761.4	11.48	67.347	
2,700.0	2,606.6	2,800.9	2,770.1	12.2	7.4	179.88	-106.2	-209.4	795.0	783.0	12.06	65.926	SF

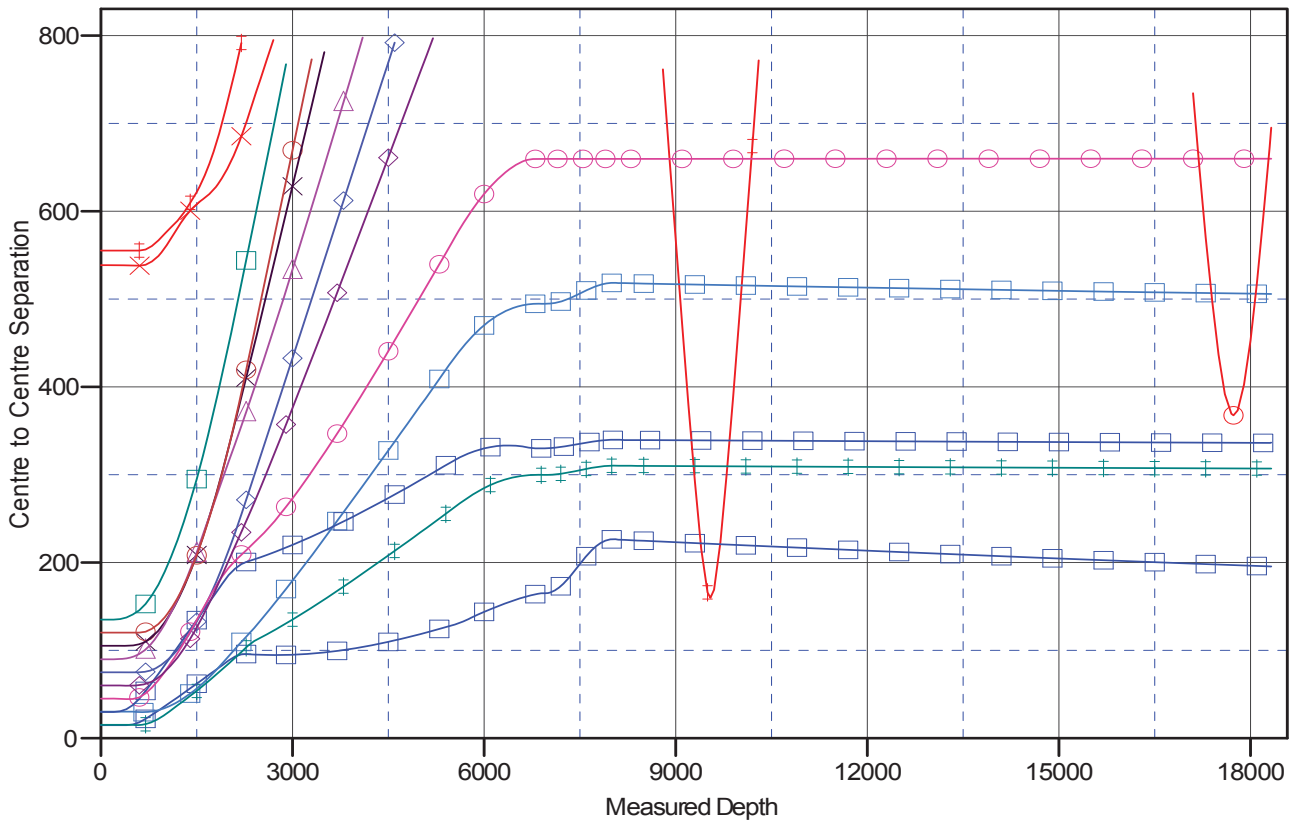
CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Depths are relative to WELL @ 4899.0ft (RKB - 25')
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: G & D Hanks O-27-28HN
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.48°

Ladder Plot



LEGEND

S 20-27, Wellbore #1, Wellbore #1 V0
S 10-27, Wellbore #1, Wellbore #1 V0
sN-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0
sV-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0
sQ-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0
G & D Hanks U-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0
G & D Hanks M-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0
G & D Hanks P-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0
G & D Hanks X-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0
G & D Hanks W-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0
G & D Hanks T-27-28HC, Wellbore #1, Plar
G & D Hanks R-27-28HN, Wellbore #1, Plar
G & D Hanks S-27-28HN, Wellbore #1, Plar
Severin & Co.1 (P&A), Wellbore #1, Wellbo

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well G & D Hanks O-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 O-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 Depths are relative to WELL @ 4899.0ft (RKB - 25')
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: G & D Hanks O-27-28HN
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.48°